TENNESSEE VALLEY AUTHORITY

WATTS BAR NUCLEAR UNIT 1

ASME SECTION XI
NIS-1 OWNERS REPORT
FOR PRESERVICE INSPECTION

Prepared By: Jack W. Varner Date: 12-11-95
TVA ISO NDE Level III

Reviewed By: Lewis E Casey Date: 12-13-95
WBN ISI Programs

Reviewed By: Robert D Briggs Date: 1-9-96
WBN ISI Supervisor

Approved By: W L Elliott Date: 1/10/96
W.L.Elliott, WBN Engineering Manager

9605300056 960523
PDR ADOCK 05000390
Q PDR

OWNER: TENNESSEE VALLEY AUTHORITY OFFICE OF NUCLEAR POWER 1101 MARKET STREET CHATTANOOGA, TENNESSEE 37402	PLANT: WATTS BAR NUCLEAR PLANT PO BOX 800 SPRING CITY, TN 37381
UNIT: ONE	CERTIFICATE OF AUTHORIZATION: N, NA, NPT
COMMERICAL SERVICE DATE: 1996	
NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED.	

UNIT 1 CYCLE 0 NIS-1
"OWNER'S REPORT FOR PRESERVICE INSPECTION"

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ENCLOSURE 1

VOLUME 1

OWNER: TENNESSEE VALLEY AUTHORITY OFFICE OF NUCLEAR POWER 1101 MARKET STREET CHATTANOOGA, TENNESSEE 37402	PLANT: WATTS BAR NUCLEAR PLANT PO BOX 800 SPRING CITY, TN 37381
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APPENDIX I

NIS-1 OWNER'S REPORT

OWNER: TENNESSEE VALLEY AUTHORITY OFFICE OF NUCLEAR POWER 1101 MARKET STREET CHATTANOOGA, TENNESSEE 37402	PLANT: WATTS BAR NUCLEAR PLANT PO BOX 800 SPRING CITY, TN 37381
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Preservice Inspection Summary

In accordance with paragraph IWA-6220 of Section XI of the ASME Boiler and Pressure Vessel Code Section XI 1974 Edition Summer 75 Addenda, the following information is provided.

1. Date of document completion:
   December 4, 1995

2. Name of owner and address of principal offices:

   Tennessee Valley Authority
   Office Of Nuclear Power
   1101 Market Street
   Chattanooga, Tennessee 37402-2801

3. Name and address of the nuclear generating plant:

   Watts Bar Nuclear Plant
   PO Box 800
   Spring City, TN 37381

4. Name or number assigned to the nuclear power unit by TVA:

   Watts Bar Nuclear Plant, Unit 1.

5. Commercial operation date of unit:

   1996

6. Numbers assigned to the components by the state:

   No numbers assigned

7. National Board Number assigned to the components by the manufacturer:

   No numbers assigned

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8. Names of the components and descriptions including size, capacity, material, location, and drawings to aid identification.

   The Class 1 and 2 components examined as part of this preservice inspection are listed in Appendix V.

9. Name and address of principal manufacturer and the principal contract which will identify the subcontractors/Manufacturer's component identification numbers.

   The majority of components examined were supplied by:

   Westinghouse Electric Corporation
   Pittsburgh, PA.
   Contract Number: 71C62-54114-1
   File No.: WBN-VTM-W120-0550

10. Date of completion of the examinations:
    November, 1995

11. The Authorized Inspection Agency:

    The Hartford Steam Boiler Inspection
    and Insurance Company
    200 Ashford Center North, Suite 300
    Atlanta, Georgia 30338

    Names of the Inspectors:

H. Boender	W. Leedy
B. Eamigh	C. Manzari
E. Farrow	C. Metcalfe
C. Hausdan	C. Rice
S. Heater	C. Thompson

12. Abstract of examinations, conditions observed; and corrective measures recommended or taken:

    See Appendix II, III, IV, V, and VI. For augmented examinations see AppendixVII.

13. Signature of ANII:

    See NIS-1 form.

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS
As required by the Provisions of the ASME Code Rules

1. Owner Tennessee Valley Authority, Office Of Nuclear Power, 1101 Market Street Chattanooga, Tennessee 37402
(Name and Address of Owner)
2. Plant Watts Bar Nuclear Plant; PO Box 800, Spring City, TN 37381
(Name and Address of Owner)
3. Plant Unit ONE 4. Owner Certificate of Authorization (if required) N, NA, NPT
5. Commercial Service Date 1996 6. National Board Number for Unit Not Required
7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Reactor Pressure Vessel	Rotterdam Dockyard Co.	Contract No. 71C62-54114-1 File No. WBN-VTM-R380-10	N/A	Not Assigned
Pressurizer	Westinghouse	1601	N/A	W10792
Steam Generator (1)	Westinghouse	1591	N/A	W10286
Steam Generator (2)	Westinghouse	1592	N/A	W10287
Steam Generator (3)	Westinghouse	1593	N/A	W10288
Steam Generator (4)	Westinghouse	1594	N/A	W10289
Feedwater System	TVA (Installer)	N/A	N/A	On File
High Pressure Safety Injection System	TVA (Installer)	N/A	N/A	On File
Main Steam System	TVA (Installer)	N/A	N/A	On File
Containment Spray System	TVA (Installer)	N/A	N/A	On File
Chemical and Volume Control System	TVA (Installer)	N/A	N/A	On File
Residual Heat Removal System	TVA (Installer)	N/A	N/A	On File
Reactor Coolant System	TVA (Installer)	N/A	N/A	On File
Auxillary Feedwater System	TVA (Installer)	N/A	N/A	On File
Control Rod Drive System	TVA (Installer)	N/A	N/A	On File
	NIS-1 Owner Report for Inservice Inspections includes			
	Appendices I, II, III, IV, V, VI, and VII.			
	Total Pages -	514		

Note: Supplemental sheets in form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this data report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of form.
this
This form (E00029) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ. 07007-2300

FORM NIS-1 (BACK)

8. Examination Dates 2/77 to 10/95 9. Inspection Interval from N/A to N/A

10. Applicable Editions of Section XI: 1974 Addenda Summer 1975 and 1977 Addenda Summer 1978

11. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. See Appendix II, III, IV, V. Examinations performed complete the inspection for the preservice inspection.

12. Abstract of Conditions Noted.
See Appendix II, III, IV, V, and VI.

13. Abstract of Corrective Measures Recommended and Taken
See Appendix VI.

We certify that the statements made in this report are correct and the examinations and corrective measures taken conform to the rules of the ASME Code, Section XI.

Certificate of Authorization No. (if applicable) Not Applicable Expiration Date Not Applicable

Date Jan 10 19 96 Signed TVA (Owner) By W L Elliott Engineering Manager, Watts Bar Nuclear Plant

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Tennessee and employed by HSBI & I of Hartford Conn. have inspected the components described in this Owner's Report during the period 8/1/89 to 1/11/96, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Bruce M Eamigh Commissions TN 2534
Inspector's Signature National Board, State, Province, and Endorsements

Date 1/11 19 96

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APPENDIX II

INTRODUCTION

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Introduction:

The scope of this appendix is to provide an overview of the preservice inspections performed during Unit 1/Cycle 0 on Class 1 and 2 components for ASME Section XI Code credit. Augmented examinations have also been included in Appendix VII.

All examinations were performed during preservice to the implementing plant technical instruction TI-50A "Inservice Inspection Program Unit 1". TI-50A is organized to comply with the PSI NDE requirements of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section XI, Division 1, Articles 1000, 2000, 3000, and 6000 in accordance with Title 10 Code of Federal Regulations (CFR) Part 50, 50.55a (g); to implement the Watts Bar Nuclear Plant (WBN) Technical Specifications, Unit 1, and to fulfill the requirements of SSP-6.10, ASME Section XI Inservice Inspection Program. The PSI program (TI-50A) was prepared to meet the requirements of the 1974 Edition, Summer 1975 Addenda of Section XI of the ASME Boiler And Pressure Vessel Code. Some components and systems were updated to later editions of the code as outlined in the TI. All NDE examinations performed after July 1, 1992 were to the 1986 Edition of Section XI. This would include all portions of IWA-2200, IWA-2300, IWA-2600, IWA-3000, IWB-3000, IWC-3000, and IWF-3000, as well as all portions of Appendices III, IV, and VI of ASME Section XI.

TI-50A reflects the built-in limitations of the original plant design, geometry, construction, component materials and the current technology or state-of-the-art nondestructive examination techniques. This TI specifies the methods to be used and provides schedule tables from which specific items were scheduled for examination during preservice to fulfill subsequent inservice requirements. All examinations performed in accordance with the ASME Boiler and Pressure Vessel Code, Section XI were witnessed and/or verified by an Authorized Nuclear Inservice Inspector (ANII). The Authorized Inspection Agency (AIA) Hartford Steam Boiler Inspection And Insurance Company provided ANII services.

Augmented examinations are performed in addition to ASME Section XI Code requirements. The augmented examinations may be required by the NRC or self-imposed by TVA. Typical sources include generic letters, IE Bulletins, technical specifications, vendor recommendations, and industry experience.

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The majority of examinations were performed by the TVA Inspection Services Organization (ISO) under the direction of the Watts Bar site NDE/ISI organization. Some NDE services were provided by outside agencies (i.e. Southwest Research Institute, ABB Amdata, etc.) under the direction of site personnel.

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APPENDIX III

PSI SUMMARY

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Summary:

The Unit 1/Cycle 0 Preservice Inspection (PSI) was performed and consisted of approximately 1625 visual, 1545 ultrasonic, 1446 liquid penetrant, 14 radiographic, and 192 magnetic particle examinations performed for code credit (see Appendix VI, Examination Plan). Further, approximately 1 radiographic, 208 ultrasonic, and 184 liquid penetrant examinations were performed as augmented examinations (see App. VII, Augmented Examination Summary). A total of 55 notification of indication reports (NOI's) were issued to document indications identified during the performance of the examinations for code credit. These NOI's were evaluated by engineering and dispositioned (see Appendix V, Notification of Indications).

The following code cases were utilized during the Unit 1/Cycle 0 preservice inspection:

N-234	Time Between Ultrasonic Calibration Checks, Section XI, Division 1
N-235	Ultrasonic Calibration Checks per Section V, Section XI, Division 1
N-307-1	Revised Ultrasonic Examination Volume for Class 1 Bolting, Table IWB-2500-1, Examination Category B-G-1, When the Examinations Are Conducted From the Center-Drilled Hole, Section XI, Division 1
N-308	Documentation Of Repairs and Replacements of Components in Nuclear Power Plants, Section XI, Division 1
N-341	Certification Of Level III NDE Examiner, Section III, Division 1
N-356	Certification Period for Level III NDE Personnel, Section XI, Divisions 1, 2, and 3
N-401	Eddy Current Examination, Section XI, Division 1
N-402	Eddy Current Callibration Standard Material, Section XI, Division 1
N-416	Alternative Rules for Hydrostatic Testing of Repair or Replacement of Class 2 Piping, Section XI, Division 1
N-435-1	Alternative Examinations Requirements for Vessels With Wall Thickness 2 in. or Less, Section XI, Division 1
N-460	Alternative Examination Coverage for Class 1 and Class 2 Welds, Section XI, Division 1

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N-461 Alternative Rules for Piping Calibration Block Thickness, Section XI, Division 1

PERSONNEL/EQUIPMENT CERTIFICATIONS:

NDE personnel certification records for TVA and contractor employees are maintained by the Corporate Engineering Materials and Inspection, Inspection Services Organization's (ISO) NDE Certification and Monitoring Group. These records are maintained as permanent QA records for a forty year plant life. Any details or specifics regarding NDE certification records should be directed to the ISO NDE Certification and Monitoring Staff at the Sequoyah Training Center in Soddy Daisy, Tennessee at telephone number (615)843-4026.

NDE equipment certification records are maintained by TVA's Corporate Engineering Materials and Inspection (ISO) staff. Any details or specifics regarding NDE equipment certification records should be directed to ISO at 1100 Riverfront Parkway, Chattanooga, Tennessee at telephone number (615)751-7643.

EXAMINATION LIMITATIONS:

A tabulation of NDE examination limitations recorded during the Unit 1/Cycle 0 Preservice Inspection is contained in Appendix IV of this report.

The Preservice Inspection Program TI-50A has been revised to incorporate these limitations in the form of Requests for Relief. Program revisions, including Requests for Relief, have been submitted to the NRC.

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APPENDIX IV

REQUESTS FOR RELIEF

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The preservice examinations performed at Watts Bar Unit 1 were performed to meet the requirements of ASME Section XI as applicable. Areas and volumes that were examined of specific components are depicted in the applicable code section.

During the WBN PSI, some components were identified that the entire examination area or volume could not be examined due to interference by another component or part configuration. These conditions were identified on the examination report and further evaluations were performed to determine if alternative techniques or methods could be employed to obtain full coverage.

In those instances where no other examination technique or method could be performed to provide meaningful results, request for relief (RFR) from the examination requirements are required.

TVA also elected to invoke Code Case N-460, "Alternative Examination Coverage For Class 1 and Class 2 Welds" that when the entire examination volume or area cannot be examined due to interference by another component or part geometry, a reduction in examination coverage on any class 1 or class 2 weld may be accepted provided the reduction in coverage for that weld is less than 10%.

Requests For Relief (RFR's) that have been submitted to the NRC are contained in TI-50A. This includes RFR's ISI-1, ISI-4, ISI-5, ISI-6, ISI-9, ISI-10, ISI-11, ISI-13, ISI-14, ISI-15, ISI-16, and ISI-17. Note some RFR's have been withdrawn.

RFR's ISI-1, ISI-4, ISI-5, ISI-6, ISI-9, ISI-10, ISI-11, ISI-13, ISI-14, and ISI-15 were reviewed and authorized in "Safety Evaluation Report, related to the operation of Watts Bar Nuclear Plant Units 1 & 2, Docket Nos. 50-390 & 50-391," (SSER 10). RFR's ISI-16 and ISI-17 were reviewed and authorized by the NRC's September 18, 1995 letter to O.D. Kingsley.

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APPENDIX V

EXAMINATION PLAN

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The following printout is the PSI report (scan plan) designed to meet the reporting requirements of IWA-6000 of the ASME Section XI Code. This report contains Unit 1/Cycle 0 preservice inspection data for Class 1 and Class 2 components. Essential unit and system files are contained herein as a reference to describe abbreviations and features in the printout. This information precedes the PSI report.

Note: Augmented examinations are contained in Appendix VII. The majority of these examinations fall under TVA examination requirement (EXREQ) P05-01.

The scan plan printout is organized by examination requirement (EXREQ), by system, and by drawing number. The scan plan also contains other useful information such as feature number (i.e. weld number, component number, etc.), code category number, examination type, and report number assigned to the NDE data sheet.

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UNIT 1/CYCLE 0 PSI REPORT OF CLASS 1 AND CLASS 2 COMPONENTS

REFERENCE KEY	DESCRIPTION
B01-01	AUGMENTED EXAMINATIONS OF STEAM GENERATOR TUBING : B01-01 EXAMINATION OF SG TUBING FOR AUGMENTED REQUIREMENTS CATEGORY B-Q ITEMNO B16.20 SG TUBING AUGMENTED EXAMINATION STATUS REPORT SG TUBING : B01-01
P01-01	COMPONENT LISTING AND ISI 10 YEAR PLAN : P01-01 ASME SECTION XI, 1974 EDITION THRU SUMMER 1975 THE 1974, SUMMER 1975 ADDENDA ASME SECTION XI PRESERVICE EXAMINATION PROGRAM STATUS REPORT:P01-01
P02-01	COMPONENT LISTING AND ISI 10 YEAR PLAN : P02-01 ASME SECTION XI, 1974 EDITION THRU SUMMER 1976 THE 1974, SUMMER 1976 ADDENDA ASME SECTION XI PRESERVICE EXAMINATION PROGRAM STATUS REPORT : P02-01
P03-01	COMPONENT LISTING AND ISI 10 YEAR PLAN : P03-01 ASME SECTION XI, 1977 EDITION THRU SUMMER 1978 THE 1977, SUMMER 1978 EDITION OF ASMSE SECTION XI PRESERVICE EXAMINATION PROGRAM STATUS REPORT : P03-01
P04-01	COMPONENT LISTING AND ISI 10 YEAR PLAN : P04-01 ASME SECTION XI, 1980 EDITION THRU 1981 ASME SECTION XI THE 1980, WINTER 1981 EDITION OF ASME SECTION XI PRESERVICE EXAMINATION PROGRAM STATUS REPORT : P04-01
P05-01	COMPONENT LISTING AND ISI 10 YEAR PLAN : P05-01 ASME SECTION XI, 1986 EDITION FOR PRE-SERVICE EXAMS THE 1986 EDITION OF ASME SECTION XI, PSI EXAMS PRE-SERVICE EXAMINATION PROGRAM STATUS REPORT : P05-01

REFERENCE KEY	DESCRIPTION
V01-01	VOLUNTARY EXAM COMPONENT LISTING : V01-01 ASME SECTION XI, 1974 EDITION THROUGH AND INCLUDING SUMMER 1975 ADDENDA, INTERVAL 01 ONLY THIS PROGRAM CORRESPONDS TO EXAM REQUIREMENTS OF P01-01
V03-01	VOLUNTARY EXAM COMPONENT LISTING : V03-01 ASME SECTION XI, 1977 EDITION THROUGH AND INCLUDING THE SUMMER 1978 ADDENDA, INTERVAL 01 ONLY THIS PROGRAM CORRESPONDS TO EXAM REQUIREMENTS OF P03-01

NUTECH

TENNESSEE VALLEY AUTHORITY
WATTS BAR NUCLEAR POWER PLANT - UNIT 1
ISI DATA BASE
POST OUTAGE EXAMINATION RESULTS REPORT
EXAM REQUIREMENT : P01-01 CYCLE : 00
INTERVAL : 00 PERIOD : 3

PRISIM
PAGE 1
REVISION 0000
DATE 12/01/95

SYSTEM : CVCS CHEMICAL & VOLUME CONTROL SYSTEM - 062
ISOMETRIC NUMBER : ISI-0005-C SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
CVCS-012	PIPE -ELBOW	B-J B4. 5C	R00002728			PT	19830114	FAIL	YES		SURF, LINEAR IND. RMVD.	SURF, LINEAR IND. RMVD.
			R00002995			PT	19830923	PASS	YES			
FCV-62-069-BC	VALBLTG	B-G-2 B6. 9	R00001972			VT-1	19811229	PASS	YES			
FCV-62-070-BC	VALBLTG	B-G-2 B6. 9	R00001972			VT-1	19811229	PASS	YES			
			R00006605			VT-1	19950715	PASS	YES			
62-638-BC	VALBLTG	B-G-2 B6. 9	R00001972			VT-1	19811229	FAIL	NO		LOOSE, MISS. BLTN RPLACD	
			R00002118			VT-1	19820305	PASS	YES			
62-640-BC	VALBLTG	B-G-2 B6. 9	R00001972			VT-1	19811229	FAIL	NO		LOOSE, MISS. BLTN RPLACD	
			R00002118			VT-1	19820305	PASS	YES			
62-659-BC	VALBLTG	B-G-2 B6. 9	R00001972			VT-1	19811229	FAIL	NO		LOOSE, MISS. BLTN RPLACD	
			R00002118			VT-1	19820305	PASS	YES			
62-660-BC	VALBLTG	B-G-2 B6. 9	R00001972			VT-1	19811229	FAIL	NO		LOOSE, MISS. BLTN RPLACD	
			R00002118			VT-1	19820305	PASS	YES			
68-580-BC	VALBLTG	B-G-2 B6. 9	R00001920			VT-1	19811210	PASS	YES			

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TENNESSEE VALLEY AUTHORITY
WATTS BAR NUCLEAR POWER PLANT - UNIT 1
ISI DATA BASE
POST OUTAGE EXAMINATION RESULTS REPORT
EXAM REQUIREMENT : P01-01 CYCLE : 00
INTERVAL : 00 PERIOD : 3

PRISIM

SYSTEM : CVCS CHEMICAL & VOLUME CONTROL SYSTEM - 062
ISOMETRIC NUMBER : ISI-0005-C SHEET : 02

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
FCV-62-084-BC	VALBLTG	B-G-2 B6. 9	R00003232			VT-1	19840120	PASS	YES			
62-661-BC	VALBLTG	B-G-2 B6. 9	R00005926			VT-1	19940114	PASS	YES			

NUTECH

TENNESSEE VALLEY AUTHORITY
WATTS BAR NUCLEAR POWER PLANT - UNIT 1
ISI DATA BASE
POST OUTAGE EXAMINATION RESULTS REPORT
EXAM REQUIREMENT : P01-01 CYCLE : 00
INTERVAL : 00 PERIOD : 3

PRISIM
PAGE 3
REVISION 0000
DATE 12/01/95

SYSTEM : CVCS CHEMICAL & VOLUME CONTROL SYSTEM - 062
ISOMETRIC NUMBER : ISI-0050-C SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
CVC-02-BC	FLGBLTG	B-G-2 B4.12	R00004395			VT-1	19841012	PASS	YES			
CVCF-B-T118-01	VALVE -PIPE	B-J B4. 8	R00003262			PT	19810615	PASS	YES			
CVCF-B-T118-02	PIPE -TEE	B-J B4. 8	R00004482			PT	19841105	PASS	YES			
CVCF-B-T118-03	TEE -REDUCER	B-J B4. 8	R00002403			PT	19820505	PASS	YES			
CVCF-B-T118-04	TEE -PIPE	B-J B4. 8	R00003262			PT	19810615	PASS	YES			
CVCF-B-T118-05	PIPE -ELBOW	B-J B4. 8	R00003262			PT	19810615	PASS	YES			
CVCF-B-T118-06	ELBOW -PIPE	B-J B4. 8	R00002404			PT	19820505	PASS	YES			
CVCF-B-T118-07	PIPE -VALVE	B-J B4. 8	R00003262			PT	19810615	PASS	YES			
CVCF-B-T118-08	VALVE -PIPE	B-J B4. 8	R00002405			PT	19820505	PASS	YES			
CVCF-B-T118-09	PIPE -ELBOW	B-J B4. 8	R00002406			PT	19820505	PASS	YES			
CVCF-B-T118-10	ELBOW -PIPE	B-J B4. 8	R00004517			PT	19841116	PASS	YES			

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CVCF-B-T118-11	PIPE -ELBOW	B-J B4. 8	R00002496			PT	19820907	PASS	YES			
CVCF-B-T118-12	ELBOW -PIPE	B-J B4. 8	R00002374			PT	19820504	PASS	YES			
CVCF-B-T118-13	PIPE -ELBOW	B-J B4. 8	R00002375			PT	19820504	PASS	YES			
CVCF-B-T118-14	ELBOW -PIPE	B-J B4. 8	R00002376			PT	19820504	PASS	YES			
CVCF-B-T118-15	PIPE -ELBOW	B-J B4. 8	R00002377			PT	19820504	PASS	YES			
CVCF-B-T118-16	ELBOW -PIPE	B-J B4. 8	R00002378			PT	19820504	PASS	YES			
CVCF-B-T118-17	PIPE -VALVE	B-J B4. 8	R00002379			PT	19820504	PASS	YES			
CVCF-B-T118-18	VALVE -PIPE	B-J B4. 8	R00002380			PT	19820504	PASS	YES			
CVCF-B-T118-19	PIPE -ELBOW	B-J B4. 8	R00003264			PT	19820825	PASS	YES			
CVCF-B-T118-20	ELBOW -PIPE	B-J B4. 8	R00002381			PT	19820504	PASS	YES			
CVCF-B-T118-21	PIPE -TEE	B-J B4. 8	R00004483			PT	19841105	PASS	YES			

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CVCF-B-T118-22	TEE -REDUCER	B-J B4. 8	R00003265			PT	19810304	PASS	YES			
CVCF-B-T118-23	TEE -PIPE	B-J B4. 8	R00002383			PT	19820504	PASS	YES			
CVCF-B-T118-24	PIPE -REDUCER	B-J B4. 8	R00002384			PT	19820504	PASS	YES			
CVCF-B-T118-25	REDUCER -PIPE	B-J B4. 8	R00002385			PT	19820504	PASS	YES			
CVCF-B-T118-26	PIPE -FLANGE	B-J B4. 8	R00002386			PT	19820504	PASS	YES			

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CVC-03-BC	FLGBLTG	B-G-2 B4.12	R00004396			VT-1	19841012	PASS	YES			
CVCF-B-T183-01	ELBOW -PIPE	B-J B4. 8	R00002419			PT	19820505	PASS	YES			
CVCF-B-T183-01B	ELBOW -PIPE	B-J B4. 8	R00002420			PT	19820505	PASS	YES			
CVCF-B-T183-02	PIPE -ELBOW	B-J B4. 8	R00002421			PT	19820505	PASS	YES			
CVCF-B-T183-03	ELBOW -PIPE	B-J B4. 8	R00003119			PT	19831024	PASS	YES			
			R00005698			PT	19901127	PASS	YES			
			R00003118			VT-3	19831024	FAIL	NO		ARC STRIKE	REMOVED
CVCF-B-T183-04	PIPE -ELBOW	B-J B4. 8	R00002362			PT	19820504	PASS	YES			
CVCF-B-T183-05	ELBOW -PIPE	B-J B4. 8	R00002363			PT	19820504	PASS	YES			
CVCF-B-T183-06	PIPE -ELBOW	B-J B4. 8	R00002364			PT	19820504	PASS	YES			
CVCF-B-T183-07	ELBOW -PIPE	B-J B4. 8	R00002365			PT	19820504	PASS	YES			
CVCF-B-T183-08	PIPE -VALVE	B-J B4. 8	R00002366			PT	19820504	PASS	YES			
CVCF-B-T183-09	VALVE -PIPE	B-J B4. 8	R00002367			PT	19820504	PASS	YES			

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CVCF-B-T183-10	TEE -PIPE	B-J B4. 8	R00002368			PT	19820504	PASS	YES			
CVCF-B-T183-11	TEE -REDUCER	B-J B4. 8	R00002369 R00002528			PT PT	19820504 19821028	FAIL PASS	YES YES		SURF, LINEAR	IND. RMVD.
CVCF-B-T183-13	PIPE -REDUCER	B-J B4. 8	R00003268			PT	19810114	PASS	YES			
CVCF-B-T183-14	REDUCER -PIPE	B-J B4. 8	R00002370			PT	19820504	PASS	YES			
CVCF-B-T183-15	PIPE -ELBOW	B-J B4. 8	R00002433			PT	19820507	PASS	YES			
CVCF-B-T183-16	ELBOW -PIPE	B-J B4. 8	R00002371			PT	19820504	PASS	YES			
CVCF-B-T183-17	PIPE -ELBOW	B-J B4. 8	R00002372			PT	19820504	PASS	YES			
CVCF-B-T183-19	PIPE -FLANGE	B-J B4. 8	R00002373			PT	19820504	PASS	YES			
CVCF-B-T208-01	VALVE -PIPE	B-J B4. 8	R00002409			PT	19820505	PASS	YES			
CVCF-B-T208-02	PIPE -TEE	B-J B4. 8	R00002410			PT	19820505	PASS	YES			
CVCF-B-T208-03	TEE -REDUCER	B-J B4. 8	R00002411			PT	19820505	PASS	YES			

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CVCF-B-T208-04	TEE -PIPE	B-J B4. 8	R00002412			PT	19820505	PASS	YES			
CVCF-B-T208-05	PIPE -VALVE	B-J B4. 8	R00003276			PT	19810423	PASS	YES			
CVCF-B-T208-06	VALVE -PIPE	B-J B4. 8	R00002413			PT	19820505	PASS	YES			
CVCF-B-T208-07	PIPE -ELBOW	B-J B4. 8	R00002414			PT	19820505	PASS	YES			
CVCF-B-T208-08	ELBOW -PIPE	B-J B4. 8	R00002415			PT	19820505	PASS	YES			
CVCF-B-T208-09	PIPE -ELBOW	B-J B4. 8	R00002416			PT	19820505	PASS	YES			
CVCF-B-T208-10	ELBOW -PIPE	B-J B4. 8	R00002417			PT	19820505	PASS	YES			
CVCF-B-T208-11	PIPE -ELBOW	B-J B4. 8	R00002418			PT	19820505	PASS	YES			
CVCW-02B	PIPE -PUMP	B-J B4. 8	R00003393 R00003380			PT PT	19840427 19840402	PASS FAIL	YES YES		SURF, LINEAR PHYSIC DMG	IND. RMVD. REPAIRED

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CVC-04-BC	FLGBLTG	B-G-2 B4.12	R00004397			VT-1	19841012	PASS	YES			
CVCF-B-T217-01	VALVE -PIPE	B-J B4. 8	R00003277			PT	19810608	PASS	YES			
CVCF-B-T217-02	PIPE -TEE	B-J B4. 8	R00002346			PT	19820504	PASS	YES			
CVCF-B-T217-03	TEE -REDUCER	B-J B4. 8	R00003277			PT	19810608	PASS	YES			
CVCF-B-T217-04	TEE -PIPE	B-J B4. 8	R00002347			PT	19820504	PASS	YES			
CVCF-B-T217-05	PIPE -VALVE	B-J B4. 8	R00003278			PT	19810423	PASS	YES			
CVCF-B-T217-06	VALVE -PIPE	B-J B4. 8	R00003278			PT	19810423	PASS	YES			
CVCF-B-T217-07	PIPE -ELBOW	B-J B4. 8	R00002350			PT	19820504	PASS	YES			
CVCF-B-T217-08	ELBOW -PIPE	B-J B4. 8	R00002351			PT	19820504	PASS	YES			
CVCF-B-T217-09	PIPE -ELBOW	B-J B4. 8	R00002349			PT	19820504	PASS	YES			
CVCF-B-T217-10	ELBOW -PIPE	B-J B4. 8	R00002343			PT	19820504	FAIL	YES		SURF, LINEAR IND. RMVD.	

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CVCF-B-T217-10	ELBOW -PIPE	B-J B4. 8	R00002343A			PT	19821029	PASS	YES			
CVCF-B-T217-11	PIPE -VALVE	B-J B4. 8	R00002352			PT	19820504	PASS	YES			
CVCF-B-T217-12	VALVE -PIPE	B-J B4. 8	R00002353			PT	19820504	PASS	YES			
CVCF-B-T217-12A	PIPE -ELBOW	B-J B4. 8	R00002344 R00002344A			PT PT	19820504 19821025	FAIL PASS	YES YES		SURF, LINEAR IND. RMVD.	
CVCF-B-T217-14	ELBOW -PIPE	B-J B4. 8	R00002354			PT	19820504	PASS	YES			
CVCF-B-T217-15	PIPE -ELBOW	B-J B4. 8	R00002355			PT	19820504	PASS	YES			
CVCF-B-T217-16	ELBOW -PIPE	B-J B4. 8	R00002356			PT	19820504	PASS	YES			
CVCF-B-T217-17	PIPE -ELBOW	B-J B4. 8	R00002345 R00002345A			PT PT	19820504 19821025	FAIL PASS	YES YES		SURF, LINEAR IND. RMVD.	
CVCF-B-T217-18	ELBOW -PIPE	B-J B4. 8	R00002348			PT	19820504	PASS	YES			
CVCF-B-T217-19	PIPE -ELBOW	B-J B4. 8	R00002357			PT	19820504	PASS	YES			
CVCF-B-T217-20	ELBOW -PIPE	B-J B4. 8	R00002358			PT	19820504	PASS	YES			

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CVCF-B-T217-21	PIPE -TEE	B-J B4. 8	R00002359			PT	19820504	PASS	YES			
CVCF-B-T217-22	TEE -REDUCER	B-J B4. 8	R00003279			PT	19810305	PASS	YES			
CVCF-B-T217-23	TEE -PIPE	B-J B4. 8	R00002360			PT	19820504	PASS	YES			
CVCF-B-T217-24	PIPE -REDUCER	B-J B4. 8	R00002361			PT	19820504	PASS	YES			
CVCF-B-T217-25	REDUCER -PIPE	B-J B4. 8	R00002497			PT	19820907	PASS	YES			
CVCF-B-T217-26	PIPE -FLANGE	B-J B4. 8	R00002498			PT	19820907	PASS	YES			

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CVC-05-BC	FLGBLTG	B-G-2 B4.12	R00004398			VT-1	19841012	PASS	YES			
CVCF-B-T225-01	VALVE -PIPE	B-J B4. 8	R00002425			PT	19820506	PASS	YES			
CVCF-B-T225-02	PIPE -TEE	B-J B4. 8	R00003282			PT	19801205	PASS	YES			
CVCF-B-T225-03	TEE -REDUCER	B-J B4. 8	R00003282			PT	19801205	PASS	YES			
CVCF-B-T225-04	TEE -PIPE	B-J B4. 8	R00003282			PT	19801205	PASS	YES			
CVCF-B-T225-05	PIPE -VALVE	B-J B4. 8	R00003282			PT	19801205	PASS	YES			
CVCF-B-T225-06	VALVE -PIPE	B-J B4. 8	R00002426			PT	19820506	PASS	YES			
CVCF-B-T225-10	ELBOW -PIPE	B-J B4. 8	R00002434			PT	19820519	PASS	YES			
CVCF-B-T225-12	ELBOW -PIPE	B-J B4. 8	R00002499			PT	19820907	PASS	YES			
CVCF-B-T225-13	PIPE -ELBOW	B-J B4. 8	R00002387			PT	19820504	PASS	YES			
CVCF-B-T225-14	ELBOW -PIPE	B-J B4. 8	R00002388			PT	19820504	PASS	YES			

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CVCF-B-T225-15	PIPE -ELBOW	B-J B4. 8	R00002389			PT	19820504	PASS	YES			
CVCF-B-T225-16	ELBOW -PIPE	B-J B4. 8	R00002390			PT	19820504	PASS	YES			
CVCF-B-T225-17	PIPE -VALVE	B-J B4. 8	R00002391			PT	19820504	PASS	YES			
CVCF-B-T225-18	VALVE -PIPE	B-J B4. 8	R00002392			PT	19820504	PASS	YES			
CVCF-B-T225-19	PIPE -ELBOW	B-J B4. 8	R00002393			PT	19820504	PASS	YES			
CVCF-B-T225-20	ELBOW -PIPE	B-J B4. 8	R00002394			PT	19820504	PASS	YES			
CVCF-B-T225-21	PIPE -TEE	B-J B4. 8	R00002395			PT	19820504	PASS	YES			
CVCF-B-T225-22	TEE -REDUCER	B-J B4. 8	R00002396			PT	19820504	PASS	YES			
CVCF-B-T225-23	TEE -PIPE	B-J B4. 8	R00002397			PT	19820504	PASS	YES			
CVCF-B-T225-24	PIPE -ELBOW	B-J B4. 8	R00002398			PT	19820504	PASS	YES			
CVCF-B-T225-25	ELBOW -PIPE	B-J B4. 8	R00002399			PT	19820504	PASS	YES			

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CVCF-B-T225-27	REDUCER -PIPE	B-J B4. 8	R00002401			PT	19820504	PASS	YES			
CVCF-B-T225-28	PIPE -FLANGE	B-J B4. 8	R00002402			PT	19820504	PASS	YES			

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LHX-1	VES SHL	C-A	R00003086	C00000585	WB-42	UT-0	19831018	PASS	YES	ISI-11		
	-VES HD	C1.1	R00003053	C00000578	WB-42	UT-45	19831005	PASS	YES	ISI-11		
			R00003059	C00000579	WB-42	UT-45	19831007	PASS	YES	ISI-11		
LHX-2	VES SHL	C-A	R00003087	C00000585	WB-42	UT-0	19831018	PASS	YES	ISI-11		
	-VES FLG	C1.1	R00003054	C00000578	WB-42	UT-45	19831005	PASS	YES	ISI-11		
			R00003060	C00000579	WB-42	UT-45	19831007	PASS	YES	ISI-11		
LHXH-1-IA	VES IWA	C-C	R00003226			PT	19840116	PASS	YES			
	-VES SHL	C1.3										
LHXH-2-IA	VES IWA	C-C	R00003225			PT	19840116	PASS	YES			
	-VES SHL	C1.3										

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ELHX-1	VES HD	C-A	R00004409	C00000661	WB-07	UT-0	19841012	PASS	YES	ISI-11		
	-VES FLG	C1.1	R00004411	C00000663	WB-07	UT-45	19841012	PASS	YES	ISI-11	GEOMETRIC	NON-RELEVANT

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RHX-01	VES SHL	C-A C1.1	R00004441	C00000669	WB-54	UT-0	19841019	PASS	YES			
			R00004453	C00000671	WB-33	UT-0	19841019	PASS	YES			
			R00004417	C00000667	WB-54	UT-45	19841023	PASS	YES			
			R00004429	C00000668	WB-54	UT-45	19841024	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00004466	C00000674	WB-33	UT-45	19841024	PASS	YES			
RHX-02	VTUBSHT -VES SHL	C-A C1.1	R00004442	C00000669	WB-54	UT-0	19841019	PASS	NO	ISI-10		
			R00004454	C00000671	WB-33	UT-0	19841019	PASS	NO	ISI-10		
			R00004418	C00000667	WB-54	UT-45	19841023	PASS	NO	ISI-10	GEOMETRIC	NON-RELEVANT
			R00004430	C00000668	WB-54	UT-45	19841024	PASS	NO	ISI-10	GEOMETRIC	NON-RELEVANT
			R00004467	C00000674	WB-33	UT-45	19841024	PASS	NO	ISI-10		
RHX-03	VES SHL -VTUBSHT	C-A C1.1	R00004443	C00000669	WB-54	UT-0	19841019	PASS	YES			
			R00004455	C00000671	WB-33	UT-0	19841019	PASS	YES			
			R00004419	C00000667	WB-54	UT-45	19841023	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00004431	C00000668	WB-54	UT-45	19841024	PASS	YES			
			R00004468	C00000674	WB-33	UT-45	19841024	PASS	YES			
RHX-04	VES HD -VES SHL	C-A C1.1	R00004444	C00000670	WB-54	UT-0	19841023	PASS	YES			
			R00004456	C00000672	WB-33	UT-0	19841022	PASS	YES			
			R00004420	C00000667	WB-54	UT-45	19841023	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00004432	C00000668	WB-54	UT-45	19841024	PASS	YES			
			R00004469	C00000674	WB-33	UT-45	19841024	PASS	YES			
RHX-05	VES SHL -VES HD	C-A C1.1	R00004445	C00000670	WB-54	UT-0	19841023	PASS	YES			
			R00004457	C00000672	WB-33	UT-0	19841022	PASS	YES			
			R00004421	C00000667	WB-54	UT-45	19841023	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00004433	C00000668	WB-54	UT-45	19841024	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00004470	C00000674	WB-33	UT-45	19841024	PASS	YES			
RHX-06	VTUBSHT -VES SHL	C-A C1.1	R00004446	C00000670	WB-54	UT-0	19841023	PASS	NO	ISI-10		

SYSTEM : CVCS CHEMICAL & VOLUME CONTROL SYSTEM - 062
ISOMETRIC NUMBER : ISI-0077-A SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
RHX-06	VTUBSHT	C-A	R00004458	C00000672	WB-33	UT-0	19841022	PASS	NO	ISI-10		
	-VES SHL	C1.1	R00004422	C00000667	WB-54	UT-45	19841023	PASS	NO	ISI-10	GEOMETRIC	NON-RELEVANT
			R00004434	C00000668	WB-54	UT-45	19841024	PASS	NO	ISI-10	GEOMETRIC	NON-RELEVANT
			R00004471	C00000674	WB-33	UT-45	19841024	PASS	NO	ISI-10		
RHX-07	VES SHL	C-A	R00004447	C00000670	WB-54	UT-0	19841023	PASS	NO	ISI-10		
	-VTUBSHT	C1.1	R00004459	C00000672	WB-33	UT-0	19841022	PASS	NO	ISI-10		
			R00004423	C00000667	WB-54	UT-45	19841023	PASS	NO	ISI-10		
			R00004435	C00000668	WB-54	UT-45	19841024	PASS	NO	ISI-10		
			R00004465	C00000673	WB-33	UT-45	19841025	PASS	NO	ISI-10		
RHX-08	VES HD	C-A	R00004448	C00000670	WB-54	UT-0	19841023	PASS	YES			
	-VES SHL	C1.1	R00004460	C00000672	WB-33	UT-0	19841022	PASS	YES			
			R00004424	C00000667	WB-54	UT-45	19841023	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00004436	C00000668	WB-54	UT-45	19841024	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00004476	C00000674	WB-33	UT-45	19841024	PASS	YES			
RHX-09	VES SHL	C-A	R00004449	C00000670	WB-54	UT-0	19841023	PASS	YES			
	-VES HD	C1.1	R00004461	C00000672	WB-33	UT-0	19841022	PASS	YES			
			R00004425	C00000667	WB-54	UT-45	19841023	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00004437	C00000668	WB-54	UT-45	19841024	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00004472	C00000674	WB-33	UT-45	19841024	PASS	YES			
RHX-10	VTUBSHT	C-A	R00004450	C00000670	WB-54	UT-0	19841023	PASS	NO	ISI-10		
	-VES SHL	C1.1	R00004462	C00000672	WB-33	UT-0	19841022	PASS	NO	ISI-10		
			R00004426	C00000667	WB-54	UT-45	19841023	PASS	NO	ISI-10		
			R00004438	C00000668	WB-54	UT-45	19841024	PASS	NO	ISI-10	GEOMETRIC	NON-RELEVANT
			R00004473	C00000674	WB-33	UT-45	19841024	PASS	NO	ISI-10		
RHX-11	VES SHL	C-A	R00004451	C00000670	WB-54	UT-0	19841023	PASS	NO	ISI-10		
	-VTUBSHT	C1.1										

SYSTEM : CVCS CHEMICAL & VOLUME CONTROL SYSTEM - 062
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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
RHX-11	VES SHL -VTUBSHT	C-A C1.1	R00004463	C00000672	WB-33	UT-0	19841022	PASS	NO	ISI-10		
			R00004427	C00000667	WB-54	UT-45	19841023	PASS	NO	ISI-10		
			R00004439	C00000668	WB-54	UT-45	19841024	PASS	NO	ISI-10		
			R00004474	C00000674	WB-33	UT-45	19841024	PASS	NO	ISI-10		
RHX-12	VES HD -VES SHL	C-A C1.1	R00004452	C00000670	WB-54	UT-0	19841023	PASS	YES			
			R00004464	C00000672	WB-33	UT-0	19841022	PASS	YES			
			R00004428	C00000667	WB-54	UT-45	19841023	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00004440	C00000668	WB-54	UT-45	19841024	PASS	YES			
			R00004475	C00000674	WB-33	UT-45	19841024	PASS	YES			

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SYSTEM : CVCS CHEMICAL & VOLUME CONTROL SYSTEM - 062
ISOMETRIC NUMBER : ISI-0118-A SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
CCPH-1A-A-1A	PUMPIWA	C-E-1 C3.3	R00003111			PT	19831021	PASS	YES			
CCPH-1B-B-1A	PUMPIWA	C-E-1 C3.3	R00003120			PT	19831024	PASS	YES			

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SYSTEM : MSS MAIN STEAM SYSTEM - 001
ISOMETRIC NUMBER : ISI-0011-C SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
MSH-302-1A	IWA	C-E-1 C2.5	R00004521			MT	19841119	PASS	YES			
MSH-303-1A	IWA	C-E-1 C2.5	R00004522			MT	19841119	PASS	YES			

SYSTEM : MSS MAIN STEAM SYSTEM - 001
ISOMETRIC NUMBER : ISI-0011-C SHEET : 02

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
MSH-342-1A	IWA	C-E-1	R00004560			MT	19841126	PASS	YES			
		C2.5	R00004561			PT	19841127	PASS	YES			
MSH-343-1A	IWA	C-E-1	R00004559			MT	19841126	PASS	YES			
		C2.5										

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SYSTEM : MSS MAIN STEAM SYSTEM - 001
ISOMETRIC NUMBER : ISI-0011-C SHEET : 03

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
MSH-382-IA	IWA	C-E-1 C2.5	R00004557			MT	19841126	PASS	YES			
MSH-383-IA	IWA	C-E-1 C2.5	R00004558			MT	19841126	PASS	YES			

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SYSTEM : MSS MAIN STEAM SYSTEM - 001
ISOMETRIC NUMBER : ISI-0011-C SHEET : 04

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
MSH-422-1A	IWA	C-E-1 C2.5	R00004519			MT	19841119	PASS	YES			
MSH-423-1A	IWA	C-E-1 C2.5	R00004520			MT	19841119	PASS	YES			

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ISOMETRIC NUMBER : CHM-2570-A SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
WP-01	VES HD	B-B	R00000059	C00000021	SQ-41	UT-0	19790226	PASS	YES			
	-VES SHL	B2. 1C	R00000059	C00000030	SQ-41	UT-45	19790307	PASS	YES			
			R00000083	C00000033	SQ-41	UT-60	19790312	PASS	YES			
WP-02	VES SHL	B-B	R00004615			MT	19841212	PASS	YES			
	-VES SHL	B2. 1C	R00000061	C00000022	SQ-41	UT-0	19790227	PASS	YES		ARC STRIKE	REMOVED
			R00000061	C00000029	SQ-41	UT-45	19790306	PASS	YES		ARC STRIKE	REMOVED
			R00000080	C00000033	SQ-41	UT-60	19790312	PASS	YES			
WP-03	VES SHL	B-B	R00000063	C00000023	SQ-41	UT-0	19790228	PASS	YES			
	-VES SHL	B2. 1C	R00000063	C00000029	SQ-41	UT-45	19790306	PASS	YES			
			R00000079	C00000033	SQ-41	UT-60	19790312	PASS	YES			
WP-04	VES SHL	B-B	R00000066	C00000024	SQ-41	UT-0	19790228	PASS	YES			
	-VES SHL	B2. 1C	R00000066	C00000028	SQ-41	UT-45	19790305	PASS	YES			
			R00000077	C00000032	SQ-41	UT-60	19790309	PASS	YES			
WP-05	VES SHL	B-B	R00000058	C00000020	SQ-41	UT-0	19781121	PASS	YES			
	-VES HD	B2. 1C	R00000058	C00000026	BNP-79	UT-45	19790302	PASS	YES			
			R00000067	C00000027	SQ-41	UT-45	19790302	PASS	YES			
			R00000068	C00000031	BNP-79	UT-60	19790308	PASS	YES			
			R00000075	C00000032	SQ-41	UT-60	19790309	PASS	YES			
WP-06	VES LSH	B-B	R00000062	C00000022	SQ-41	UT-0	19790227	PASS	YES		LAMINAR	AMP < REF
		B2. 1L	R00000062	C00000030	SQ-41	UT-45	19790307	PASS	YES			
			R00000082	C00000033	SQ-41	UT-60	19790312	PASS	YES			
WP-07	VES LSH	B-B	R00000060	C00000022	SQ-41	UT-0	19790227	PASS	YES		LAMINAR	AMP < REF
		B2. 1L	R00000060	C00000029	SQ-41	UT-45	19790306	PASS	YES			
			R00000081	C00000033	SQ-41	UT-60	19790312	PASS	YES			
WP-08	VES LSH	B-B	R00000064	C00000023	SQ-41	UT-0	19790228	PASS	YES		LAMINAR	AMP < REF
		B2. 1L										

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SYSTEM : PZR RCS PRESSURIZER - 068
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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
WP-08	VES LSH	B-B	R00000064	C00000029	SQ-41	UT-45	19790306	PASS	YES			
		B2. 1L	R00000078	C00000032	SQ-41	UT-60	19790309	PASS	YES			
WP-09	VES LSH	B-B	R00000065	C00000024	SQ-41	UT-0	19790228	PASS	YES			
		B2. 1L	R00000065	C00000028	SQ-41	UT-45	19790305	PASS	YES			
			R00000076	C00000032	SQ-41	UT-60	19790309	PASS	YES			
WP-10	VES NOZ	B-D	R00000085	C00000036	SQ-41	UT-0	19790314	PASS	YES			
	-VES HD	B2. 2	R00000085	C00000037	SQ-41	UT-45	19790314	PASS	YES			
			R00000086	C00000038	SQ-41	UT-60	19790314	PASS	YES			
WP-10-IR	VES NIR	B-D	R00004706	C00000687	SQ-42	UT-60	19850207	PASS	YES			
		B2. 2										
WP-10-SE	V SFEND	B-F	R00000094	C00000047	WB-10	UT-0	19790615	PASS	YES			
	-VES NOZ	B2. 4	R00001221	C00000353	WB-10	UT-45	19800404	PASS	YES			
WP-11	VES HD	B-D	R00000057	C00000019	BNP-79	UT-0	19781121	PASS	YES			
	-VES NOZ	B2. 2	R00000057	C00000025	BNP-79	UT-45	19790301	PASS	YES			
			R00000069	C00000031	BNP-79	UT-60	19790308	PASS	YES			
WP-11-IR	VES NIR	B-D	R00004708	C00000686	BNP-79	UT-60	19850204	PASS	YES			
		B2. 2										
WP-11-SE	VES NOZ	B-F	R00001438			PT	19810813	PASS	YES			
	-V SFEND	B2. 4	R00003461	C00000642	WB-17	UT-45	19840523	PASS	YES			
WP-12	VES HD	B-D	R00000053	C00000019	BNP-79	UT-0	19781121	PASS	YES			
	-VES NOZ	B2. 2	R00000053	C00000025	BNP-79	UT-45	19790301	PASS	YES			
			R00000073	C00000031	BNP-79	UT-60	19790308	PASS	YES			
WP-12-IR	VES NIR	B-D	R00004707	C00000686	BNP-79	UT-60	19850204	PASS	YES			
		B2. 2										

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WP-12-SE	VES NOZ -V SFEND	B-F B2. 4	R00001439			PT	19810813	PASS	YES			
			R00001445	C00000415	WB-29	UT-0	19810813	PASS	YES			
			R00001446	C00000416	WB-29	UT-45	19810814	PASS	YES			
WP-13	VES HD -VES NOZ	B-D B2. 2	R00000054	C00000019	BNP-79	UT-0	19781121	PASS	YES			
			R00000054	C00000025	BNP-79	UT-45	19790301	PASS	YES			
			R00000072	C00000031	BNP-79	UT-60	19790308	PASS	YES			
WP-13-IR	VES NIR	B-D B2. 2	R00004705	C00000688	BNP-79	UT-60	19850201	PASS	YES			
WP-13-SE	VES NOZ -V SFEND	B-F B2. 4	R00001440			PT	19810813	PASS	YES			
			R00001447	C00000415	WB-29	UT-0	19810813	PASS	YES			
			R00001448	C00000416	WB-29	UT-45	19810814	PASS	YES			
WP-14	VES HD -VES NOZ	B-D B2. 2	R00000055	C00000019	BNP-79	UT-0	19781121	PASS	YES			
			R00000055	C00000025	BNP-79	UT-45	19790301	PASS	YES			
			R00000071	C00000031	BNP-79	UT-60	19790308	PASS	YES			
WP-14-IR	VES NIR	B-D B2. 2	R00004704	C00000688	BNP-79	UT-60	19850201	PASS	YES			
WP-14-SE	VES NOZ -V SFEND	B-F B2. 4	R00001441			PT	19810813	PASS	YES			
			R00001449	C00000415	WB-29	UT-0	19810813	PASS	YES			
			R00001450	C00000416	WB-29	UT-45	19810814	PASS	YES			
WP-15	VES HD -VES NOZ	B-D B2. 2	R00000056	C00000019	BNP-79	UT-0	19781121	PASS	YES			
			R00000056	C00000025	BNP-79	UT-45	19790301	PASS	YES			
			R00000070	C00000031	BNP-79	UT-60	19790308	PASS	YES			
WP-15-IR	VES NIR	B-D B2. 2	R00004703	C00000689	BNP-79	UT-60	19850131	PASS	YES			

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WP-15-SE	VES NOZ -V SFEND	B-F B2. 4	R00001442			PT	19810813	PASS	YES			
			R00001451	C00000415	WB-29	UT-0	19810813	PASS	YES			
			R00001452	C00000416	WB-29	UT-45	19810814	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
HP-01	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-02	VES PEN	B-E B2. 3	R00003386			VT-2	19811204	PASS	YES			
HP-03	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-04	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-05	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-06	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-07	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-08	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-09	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-10	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-11	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			

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HP-12	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-13	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-14	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-15	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-16	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-17	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-18	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-19	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-20	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-21	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-22	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			

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SYSTEM : PZR RCS PRESSURIZER - 068
ISOMETRIC NUMBER : CHM-2570-A SHEET : 02

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
HP-23	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-24	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-25	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-26	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-27	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-28	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-29	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-30	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-31	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-32	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-33	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
HP-34	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-35	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-36	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-37	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-38	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-39	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-40	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-41	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-42	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-43	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-44	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			

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HP-45	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-46	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-47	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-48	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-49	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-50	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-51	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-52	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-53	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-54	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-55	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			

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HP-56	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-57	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-58	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-59	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-60	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-61	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-62	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-63	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-64	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-65	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-66	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			

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HP-67	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-68	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-69	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-70	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-71	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-72	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-73	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-74	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-75	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-76	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			
HP-77	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
HP-78	VES PEN	B-E B2. 3	R00003386			VT-2	19811024	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
1-MWCB-01	MW BLTG	B-G-2 B2.11	R00006182			VT-1	19940727	PASS	YES			
1-MWCB-02	MW BLTG	B-G-2 B2.11	R00006182			VT-1	19940727	PASS	YES			
1-MWCB-03	MW BLTG	B-G-2 B2.11	R00006182			VT-1	19940727	PASS	YES			
1-MWCB-04	MW BLTG	B-G-2 B2.11	R00006182			VT-1	19940727	PASS	YES			
1-MWCB-05	MW BLTG	B-G-2 B2.11	R00006182			VT-1	19940727	PASS	YES			
1-MWCB-06	MW BLTG	B-G-2 B2.11	R00006182			VT-1	19940727	PASS	YES			
1-MWCB-07	MW BLTG	B-G-2 B2.11	R00006182			VT-1	19940727	PASS	YES			
1-MWCB-08	MW BLTG	B-G-2 B2.11	R00006182			VT-1	19940727	PASS	YES			
1-MWCB-09	MW BLTG	B-G-2 B2.11	R00006182			VT-1	19940727	PASS	YES			
1-MWCB-10	MW BLTG	B-G-2 B2.11	R00006182			VT-1	19940727	PASS	YES			
1-MWCB-11	MW BLTG	B-G-2 B2.11	R00006182			VT-1	19940727	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
1-MWCB-12	MW BLTG	B-G-2 B2.11	R00006182			VT-1	19940727	PASS	YES			
1-MWCB-13	MW BLTG	B-G-2 B2.11	R00006182			VT-1	19940727	PASS	YES			
1-MWCB-14	MW BLTG	B-G-2 B2.11	R00006182			VT-1	19940727	PASS	YES			
1-MWCB-15	MW BLTG	B-G-2 B2.11	R00006182			VT-1	19940727	PASS	YES			
1-MWCB-16	MW BLTG	B-G-2 B2.11	R00006182			VT-1	19940727	PASS	YES			

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ISOMETRIC NUMBER : CHM-2570-A SHEET : 04

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
WP-17	VSUP SK	B-H	R00000084	C00000034	WB-14	UT-0	19790313	PASS	YES			
		B2. 8S	R00000084	C00000035	WB-14	UT-45	19790313	PASS	YES			

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SYSTEM : RCP REACTOR COOLANT PUMP - 068
ISOMETRIC NUMBER : ISI-0048-B SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
1-RCP-1-INT	PUMPINT	B-L-2 B5. 7	R00002547			VT-1	19781208	PASS	YES			
1-RCP-3-INT	PUMPINT	B-L-2 B5. 7	R00002548 R00002548A			VT-1 VT-1	19781122 19781122	FAIL PASS	YES YES		ARC STRIKE	REMOVED
1-RCW-RCP-1	PUMPCW	B-L-1 B5. 6	R00002050			PT	19820202	PASS	YES	ISI-09		
1-RCW-RCP-2	PUMPCW	B-L-1 B5. 6	R00002048			PT	19820128	PASS	YES	ISI-09		
1-RCW-RCP-3	PUMPCW	B-L-1 B5. 6	R00002049			PT	19820201	PASS	YES	ISI-09		
1-RCW-RCP-4	PUMPCW	B-L-1 B5. 6	R00002051			PT	19820204	PASS	YES	ISI-09		

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ISOMETRIC NUMBER : ISI-0446-C SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
RCPH-1-1	PMP SUP	B-K-2 B5. 5	R00002098			VT-3	19820201	PASS	YES			
RCPH-1-2	PMP SUP	B-K-2 B5. 5	R00002098			VT-3	19820201	PASS	YES			
RCPH-1-3	PMP SUP	B-K-2 B5. 5	R00002098			VT-3	19820201	PASS	YES			
RCPH-2-1	PMP SUP	B-K-2 B5. 5	R00002098			VT-3	19820201	PASS	YES			
RCPH-2-2	PMP SUP	B-K-2 B5. 5	R00002098			VT-3	19820201	PASS	YES			
RCPH-2-3	PMP SUP	B-K-2 B5. 5	R00002098			VT-3	19820201	PASS	YES			
RCPH-3-1	PMP SUP	B-K-2 B5. 5	R00002098			VT-3	19830908	PASS	YES			
RCPH-3-2	PMP SUP	B-K-2 B5. 5	R00002098			VT-3	19830908	PASS	YES			
RCPH-3-3	PMP SUP	B-K-2 B5. 5	R00002098			VT-3	19830908	PASS	YES			
RCPH-4-1	PMP SUP	B-K-2 B5. 5	R00002098			VT-3	19820201	PASS	YES			
RCPH-4-2	PMP SUP	B-K-2 B5. 5	R00002098			VT-3	19820201	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
RCPH-4-3	PMP SUP	B-K-2 B5. 5	R00002098			VT-3	19820201	PASS	YES			

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SYSTEM : RCP REACTOR COOLANT PUMP - 068
ISOMETRIC NUMBER : ISI-0447-C SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
RCP1CSABLT-01	PMPBLTG	B-G-2 B5. 9	R00005094			VT-1	19900508	PASS	YES			
RCP1CSABLT-02	PMPBLTG	B-G-2 B5. 9	R00005094			VT-1	19900508	PASS	YES			
RCP1CSABLT-03	PMPBLTG	B-G-2 B5. 9	R00005094			VT-1	19900508	PASS	YES			
RCP1CSABLT-04	PMPBLTG	B-G-2 B5. 9	R00005094			VT-1	19900508	PASS	YES			
RCP1CSABLT-05	PMPBLTG	B-G-2 B5. 9	R00005094			VT-1	19900508	PASS	YES			
RCP1CSABLT-06	PMPBLTG	B-G-2 B5. 9	R00005094			VT-1	19900508	PASS	YES			
RCP1CSABLT-07	PMPBLTG	B-G-2 B5. 9	R00005094			VT-1	19900508	PASS	YES			
RCP1CSABLT-08	PMPBLTG	B-G-2 B5. 9	R00005094			VT-1	19900508	PASS	YES			
RCP1MFBLT-01	PMPBLTG	B-G-1 B5. 1	R00000395	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP1MFBLT-02	PMPBLTG	B-G-1 B5. 1	R00000396	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP1MFBLT-03	PMPBLTG	B-G-1 B5. 1	R00000397	C00000126	WB-26	UT-0	19790523	PASS	YES			

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RCP1MFBLT-04	PMPBLTG	B-G-1 B5. 1	R00000398	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP1MFBLT-05	PMPBLTG	B-G-1 B5. 1	R00000399	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP1MFBLT-06	PMPBLTG	B-G-1 B5. 1	R00000400	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP1MFBLT-07	PMPBLTG	B-G-1 B5. 1	R00000401	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP1MFBLT-08	PMPBLTG	B-G-1 B5. 1	R00000402	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP1MFBLT-09	PMPBLTG	B-G-1 B5. 1	R00000403	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP1MFBLT-10	PMPBLTG	B-G-1 B5. 1	R00000404	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP1MFBLT-11	PMPBLTG	B-G-1 B5. 1	R00000405	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP1MFBLT-12	PMPBLTG	B-G-1 B5. 1	R00000406	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP1MFBLT-13	PMPBLTG	B-G-1 B5. 1	R00000407	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP1MFBLT-14	PMPBLTG	B-G-1 B5. 1	R00000408	C00000126	WB-26	UT-0	19790523	PASS	YES			

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RCP1MFBLT-15	PMPBLTG	B-G-1 B5. 1	R00000409	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP1MFBLT-16	PMPBLTG	B-G-1 B5. 1	R00000410	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP1MFBLT-17	PMPBLTG	B-G-1 B5. 1	R00000411	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP1MFBLT-18	PMPBLTG	B-G-1 B5. 1	R00000412	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP1MFBLT-19	PMPBLTG	B-G-1 B5. 1	R00000413	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP1MFBLT-20	PMPBLTG	B-G-1 B5. 1	R00000414	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP1MFBLT-21	PMPBLTG	B-G-1 B5. 1	R00000415	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP1MFBLT-22	PMPBLTG	B-G-1 B5. 1	R00000416	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP1MFBLT-23	PMPBLTG	B-G-1 B5. 1	R00000417	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP1MFBLT-24	PMPBLTG	B-G-1 B5. 1	R00000418	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP1SL1BLT-01	PMPBLTG	B-G-2 B5. 9	R00005093			VT-1	19900508	PASS	YES			

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RCP1SL1BLT-02	PMPBLTG	B-G-2 B5. 9	R00005093			VT-1	19900508	PASS	YES			
RCP1SL1BLT-03	PMPBLTG	B-G-2 B5. 9	R00005093			VT-1	19900508	PASS	YES			
RCP1SL1BLT-04	PMPBLTG	B-G-2 B5. 9	R00005093			VT-1	19900508	PASS	YES			
RCP1SL1BLT-05	PMPBLTG	B-G-2 B5. 9	R00005093			VT-1	19900508	PASS	YES			
RCP1SL1BLT-06	PMPBLTG	B-G-2 B5. 9	R00005093			VT-1	19900508	PASS	YES			
RCP1SL1BLT-07	PMPBLTG	B-G-2 B5. 9	R00005093			VT-1	19900508	PASS	YES			
RCP1SL1BLT-08	PMPBLTG	B-G-2 B5. 9	R00005093			VT-1	19900508	PASS	YES			
RCP1SL1BLT-09	PMPBLTG	B-G-2 B5. 9	R00005093			VT-1	19900508	PASS	YES			
RCP1SL1BLT-10	PMPBLTG	B-G-2 B5. 9	R00005093			VT-1	19900508	PASS	YES			
RCP1SL1BLT-11	PMPBLTG	B-G-2 B5. 9	R00005093			VT-1	19900508	PASS	YES			
RCP1SL1BLT-12	PMPBLTG	B-G-2 B5. 9	R00005093			VT-1	19900508	PASS	YES			

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RCP2CSABLT-01	PMPBLTG	B-G-2 B5. 9	R00005096			VT-1	19900508	PASS	YES			
RCP2CSABLT-02	PMPBLTG	B-G-2 B5. 9	R00005096			VT-1	19900508	PASS	YES			
RCP2CSABLT-03	PMPBLTG	B-G-2 B5. 9	R00005096			VT-1	19900508	PASS	YES			
RCP2CSABLT-04	PMPBLTG	B-G-2 B5. 9	R00005096			VT-1	19900508	PASS	YES			
RCP2CSABLT-05	PMPBLTG	B-G-2 B5. 9	R00005096			VT-1	19900508	PASS	YES			
RCP2CSABLT-06	PMPBLTG	B-G-2 B5. 9	R00005096			VT-1	19900508	PASS	YES			
RCP2CSABLT-07	PMPBLTG	B-G-2 B5. 9	R00005096			VT-1	19900508	PASS	YES			
RCP2CSABLT-08	PMPBLTG	B-G-2 B5. 9	R00005096			VT-1	19900508	PASS	YES			
RCP2MFBLT-01	PMPBLTG	B-G-1 B5. 1	R00000371	C00000125	WB-26	UT-0	19790522	PASS	YES			
RCP2MFBLT-02	PMPBLTG	B-G-1 B5. 1	R00000372	C00000125	WB-26	UT-0	19790522	PASS	YES			
RCP2MFBLT-03	PMPBLTG	B-G-1 B5. 1	R00000373	C00000125	WB-26	UT-0	19790522	PASS	YES			

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RCP2MFBLT-04	PMPBLTG	B-G-1 B5. 1	R00000374	C00000125	WB-26	UT-0	19790522	PASS	YES			
		B-G-1 B5. 2	R00004811			MT	19860606	PASS	YES			
			R00004810			VT-1	19860606	PASS	YES			
RCP2MFBLT-05	PMPBLTG	B-G-1 B5. 1	R00000375	C00000125	WB-26	UT-0	19790522	PASS	YES			
RCP2MFBLT-06	PMPBLTG	B-G-1 B5. 1	R00000376	C00000125	WB-26	UT-0	19790522	PASS	YES			
RCP2MFBLT-07	PMPBLTG	B-G-1 B5. 1	R00000377	C00000125	WB-26	UT-0	19790522	PASS	YES			
RCP2MFBLT-08	PMPBLTG	B-G-1 B5. 1	R00000378	C00000125	WB-26	UT-0	19790522	PASS	YES			
RCP2MFBLT-09	PMPBLTG	B-G-1 B5. 1	R00000379	C00000125	WB-26	UT-0	19790522	PASS	YES			
RCP2MFBLT-10	PMPBLTG	B-G-1 B5. 1	R00000380	C00000125	WB-26	UT-0	19790522	PASS	YES			
RCP2MFBLT-11	PMPBLTG	B-G-1 B5. 1	R00000381	C00000125	WB-26	UT-0	19790522	PASS	YES			
RCP2MFBLT-12	PMPBLTG	B-G-1 B5. 1	R00000382	C00000125	WB-26	UT-0	19790522	PASS	YES			
RCP2MFBLT-13	PMPBLTG	B-G-1 B5. 1	R00000383	C00000126	WB-26	UT-0	19790523	PASS	YES			

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RCP2MFBLT-14	PMPBLTG	B-G-1 B5. 1	R00000384	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP2MFBLT-15	PMPBLTG	B-G-1 B5. 1	R00000385	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP2MFBLT-16	PMPBLTG	B-G-1 B5. 1	R00000386	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP2MFBLT-17	PMPBLTG	B-G-1 B5. 1	R00000387	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP2MFBLT-18	PMPBLTG	B-G-1 B5. 1	R00000388	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP2MFBLT-19	PMPBLTG	B-G-1 B5. 1	R00000389	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP2MFBLT-20	PMPBLTG	B-G-1 B5. 1	R00000390	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP2MFBLT-21	PMPBLTG	B-G-1 B5. 1	R00000391	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP2MFBLT-22	PMPBLTG	B-G-1 B5. 1	R00000392	C00000126	WB-26	UT-0	19790523	PASS	YES			
		B-G-1	R00004812			MT	19860609	PASS	YES			
		B5. 2	R00004813			VT-1	19860609	PASS	YES			
RCP2MFBLT-23	PMPBLTG	B-G-1 B5. 1	R00000393	C00000126	WB-26	UT-0	19790523	PASS	YES			

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RCP2MFBLT-24	PMPBLTG	B-G-1 B5. 1	R00000394	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP2SL1BLT-01	PMPBLTG	B-G-2 B5. 9	R00005095			VT-1	19900508	PASS	YES			
RCP2SL1BLT-02	PMPBLTG	B-G-2 B5. 9	R00005095			VT-1	19900508	PASS	YES			
RCP2SL1BLT-03	PMPBLTG	B-G-2 B5. 9	R00005095			VT-1	19900508	PASS	YES			
RCP2SL1BLT-04	PMPBLTG	B-G-2 B5. 9	R00005095			VT-1	19900508	PASS	YES			
RCP2SL1BLT-05	PMPBLTG	B-G-2 B5. 9	R00005095			VT-1	19900508	PASS	YES			
RCP2SL1BLT-06	PMPBLTG	B-G-2 B5. 9	R00005095			VT-1	19900508	PASS	YES			
RCP2SL1BLT-07	PMPBLTG	B-G-2 B5. 9	R00005095			VT-1	19900508	PASS	YES			
RCP2SL1BLT-08	PMPBLTG	B-G-2 B5. 9	R00005095			VT-1	19900508	PASS	YES			
RCP2SL1BLT-09	PMPBLTG	B-G-2 B5. 9	R00005095			VT-1	19900508	PASS	YES			
RCP2SL1BLT-10	PMPBLTG	B-G-2 B5. 9	R00005095			VT-1	19900508	PASS	YES			

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RCP2SL1BLT-11	PMPBLTG	B-G-2 B5. 9	R00005095			VT-1	19900508	PASS	YES			
RCP2SL1BLT-12	PMPBLTG	B-G-2 B5. 9	R00005095			VT-1	19900508	PASS	YES			
RCP3CSABLT-01	PMPBLTG	B-G-2 B5. 9	R00005098			VT-1	19900508	PASS	YES			
RCP3CSABLT-02	PMPBLTG	B-G-2 B5. 9	R00005098			VT-1	19900508	PASS	YES			
RCP3CSABLT-03	PMPBLTG	B-G-2 B5. 9	R00005098			VT-1	19900508	PASS	YES			
RCP3CSABLT-04	PMPBLTG	B-G-2 B5. 9	R00005098			VT-1	19900508	PASS	YES			
RCP3CSABLT-05	PMPBLTG	B-G-2 B5. 9	R00005098			VT-1	19900508	PASS	YES			
RCP3CSABLT-06	PMPBLTG	B-G-2 B5. 9	R00005098			VT-1	19900508	PASS	YES			
RCP3CSABLT-07	PMPBLTG	B-G-2 B5. 9	R00005098			VT-1	19900508	PASS	YES			
RCP3CSABLT-08	PMPBLTG	B-G-2 B5. 9	R00005098			VT-1	19900508	PASS	YES			
RCP3MFBLT-01	PMPBLTG	B-G-1 B5. 1	R00000443	C00000126	WB-26	UT-0	19790523	PASS	YES			

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RCP3MFBLT-02	PMPBLTG	B-G-1 B5. 1	R00000444	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP3MFBLT-03	PMPBLTG	B-G-1 B5. 1	R00000445	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP3MFBLT-04	PMPBLTG	B-G-1 B5. 1	R00000446	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP3MFBLT-05	PMPBLTG	B-G-1 B5. 1	R00000447	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP3MFBLT-06	PMPBLTG	B-G-1 B5. 1	R00000448	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP3MFBLT-07	PMPBLTG	B-G-1 B5. 1	R00000449	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP3MFBLT-08	PMPBLTG	B-G-1 B5. 1	R00000450	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP3MFBLT-09	PMPBLTG	B-G-1 B5. 1	R00000451	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP3MFBLT-10	PMPBLTG	B-G-1 B5. 1	R00000452	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP3MFBLT-11	PMPBLTG	B-G-1 B5. 1	R00000453	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP3MFBLT-12	PMPBLTG	B-G-1 B5. 1	R00000454	C00000126	WB-26	UT-0	19790523	PASS	YES			

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RCP3MFBLT-13	PMPBLTG	B-G-1 B5. 1	R00000455	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP3MFBLT-14	PMPBLTG	B-G-1 B5. 1	R00000456	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP3MFBLT-15	PMPBLTG	B-G-1 B5. 1	R00000457	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP3MFBLT-16	PMPBLTG	B-G-1 B5. 1	R00000458	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP3MFBLT-17	PMPBLTG	B-G-1 B5. 1	R00000459	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP3MFBLT-18	PMPBLTG	B-G-1 B5. 1	R00000460	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP3MFBLT-19	PMPBLTG	B-G-1 B5. 1	R00000461	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP3MFBLT-20	PMPBLTG	B-G-1 B5. 1	R00000462	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP3MFBLT-21	PMPBLTG	B-G-1 B5. 1	R00000463	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP3MFBLT-22	PMPBLTG	B-G-1 B5. 1	R00000464	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP3MFBLT-23	PMPBLTG	B-G-1 B5. 1	R00000465	C00000126	WB-26	UT-0	19790523	PASS	YES			

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RCP3MFBLT-24	PMPBLTG	B-G-1 B5. 1	R00000466	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP3SL1BLT-01	PMPBLTG	B-G-2 B5. 9	R00005097			VT-1	19900508	PASS	YES			
RCP3SL1BLT-02	PMPBLTG	B-G-2 B5. 9	R00005097			VT-1	19900508	PASS	YES			
RCP3SL1BLT-03	PMPBLTG	B-G-2 B5. 9	R00005097			VT-1	19900508	PASS	YES			
RCP3SL1BLT-04	PMPBLTG	B-G-2 B5. 9	R00005097			VT-1	19900508	PASS	YES			
RCP3SL1BLT-05	PMPBLTG	B-G-2 B5. 9	R00005097			VT-1	19900508	PASS	YES			
RCP3SL1BLT-06	PMPBLTG	B-G-2 B5. 9	R00005097			VT-1	19900508	PASS	YES			
RCP3SL1BLT-07	PMPBLTG	B-G-2 B5. 9	R00005097			VT-1	19900508	PASS	YES			
RCP3SL1BLT-08	PMPBLTG	B-G-2 B5. 9	R00005097			VT-1	19900508	PASS	YES			
RCP3SL1BLT-09	PMPBLTG	B-G-2 B5. 9	R00005097			VT-1	19900508	PASS	YES			
RCP3SL1BLT-10	PMPBLTG	B-G-2 B5. 9	R00005097			VT-1	19900508	PASS	YES			

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RCP3SL1BLT-11	PMPBLTG	B-G-2 B5. 9	R00005097			VT-1	19900508	PASS	YES			
RCP3SL1BLT-12	PMPBLTG	B-G-2 B5. 9	R00005097			VT-1	19900508	PASS	YES			
RCP4CSABLT-01	PMPBLTG	B-G-2 B5. 9	R00005100			VT-1	19900508	PASS	YES			
RCP4CSABLT-02	PMPBLTG	B-G-2 B5. 9	R00005100			VT-1	19900508	PASS	YES			
RCP4CSABLT-03	PMPBLTG	B-G-2 B5. 9	R00005100			VT-1	19900508	PASS	YES			
RCP4CSABLT-04	PMPBLTG	B-G-2 B5. 9	R00005100			VT-1	19900508	PASS	YES			
RCP4CSABLT-05	PMPBLTG	B-G-2 B5. 9	R00005100			VT-1	19900508	PASS	YES			
RCP4CSABLT-06	PMPBLTG	B-G-2 B5. 9	R00005100			VT-1	19900508	PASS	YES			
RCP4CSABLT-07	PMPBLTG	B-G-2 B5. 9	R00005100			VT-1	19900508	PASS	YES			
RCP4CSABLT-08	PMPBLTG	B-G-2 B5. 9	R00005100			VT-1	19900508	PASS	YES			
RCP4MFBLT-01	PMPBLTG	B-G-1 B5. 1	R00000419	C00000126	WB-26	UT-0	19790523	PASS	YES			

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RCP4MFBLT-02	PMPBLTG	B-G-1 B5. 1	R00000420	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP4MFBLT-03	PMPBLTG	B-G-1 B5. 1	R00000421	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP4MFBLT-04	PMPBLTG	B-G-1 B5. 1	R00000422	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP4MFBLT-05	PMPBLTG	B-G-1 B5. 1	R00000423	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP4MFBLT-06	PMPBLTG	B-G-1 B5. 1	R00000424	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP4MFBLT-07	PMPBLTG	B-G-1 B5. 1	R00000425	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP4MFBLT-08	PMPBLTG	B-G-1 B5. 1	R00000426	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP4MFBLT-09	PMPBLTG	B-G-1 B5. 1	R00000427	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP4MFBLT-10	PMPBLTG	B-G-1 B5. 1	R00000428	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP4MFBLT-11	PMPBLTG	B-G-1 B5. 1	R00000429	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP4MFBLT-12	PMPBLTG	B-G-1 B5. 1	R00000430	C00000126	WB-26	UT-0	19790523	PASS	YES			

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SYSTEM : RCP REACTOR COOLANT PUMP - 068
ISOMETRIC NUMBER : ISI-0447-C SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
RCP4MFBLT-13	PMPBLTG	B-G-1 B5. 1	R00000431	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP4MFBLT-14	PMPBLTG	B-G-1 B5. 1	R00000432	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP4MFBLT-15	PMPBLTG	B-G-1 B5. 1	R00000433	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP4MFBLT-16	PMPBLTG	B-G-1 B5. 1	R00000434	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP4MFBLT-17	PMPBLTG	B-G-1 B5. 1	R00000435	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP4MFBLT-18	PMPBLTG	B-G-1 B5. 1	R00000436	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP4MFBLT-19	PMPBLTG	B-G-1 B5. 1	R00000437	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP4MFBLT-20	PMPBLTG	B-G-1 B5. 1	R00000438	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP4MFBLT-21	PMPBLTG	B-G-1 B5. 1	R00000439	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP4MFBLT-22	PMPBLTG	B-G-1 B5. 1	R00000440	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP4MFBLT-23	PMPBLTG	B-G-1 B5. 1	R00000441	C00000126	WB-26	UT-0	19790523	PASS	YES			

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SYSTEM : RCP REACTOR COOLANT PUMP - 068
ISOMETRIC NUMBER : ISI-0447-C SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
RCP4MFBLT-24	PMPBLTG	B-G-1 B5. 1	R00000442	C00000126	WB-26	UT-0	19790523	PASS	YES			
RCP4SL1BLT-01	PMPBLTG	B-G-2 B5. 9	R00005099			VT-1	19900508	PASS	YES			
RCP4SL1BLT-02	PMPBLTG	B-G-2 B5. 9	R00005099			VT-1	19900508	PASS	YES			
RCP4SL1BLT-03	PMPBLTG	B-G-2 B5. 9	R00005099			VT-1	19900508	PASS	YES			
RCP4SL1BLT-04	PMPBLTG	B-G-2 B5. 9	R00005099			VT-1	19900508	PASS	YES			
RCP4SL1BLT-05	PMPBLTG	B-G-2 B5. 9	R00005099			VT-1	19900508	PASS	YES			
RCP4SL1BLT-06	PMPBLTG	B-G-2 B5. 9	R00005099			VT-1	19900508	PASS	YES			
RCP4SL1BLT-07	PMPBLTG	B-G-2 B5. 9	R00005099			VT-1	19900508	PASS	YES			
RCP4SL1BLT-08	PMPBLTG	B-G-2 B5. 9	R00005099			VT-1	19900508	PASS	YES			
RCP4SL1BLT-09	PMPBLTG	B-G-2 B5. 9	R00005099			VT-1	19900508	PASS	YES			
RCP4SL1BLT-10	PMPBLTG	B-G-2 B5. 9	R00005099			VT-1	19900508	PASS	YES			

SYSTEM : RCP REACTOR COOLANT PUMP - 068
ISOMETRIC NUMBER : ISI-0447-C SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
RCP4SL1BLT-11	PMPBLTG	B-G-2 B5. 9	R00005099			VT-1	19900508	PASS	YES			
RCP4SL1BLT-12	PMPBLTG	B-G-2 B5. 9	R00005099			VT-1	19900508	PASS	YES			

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ISOMETRIC NUMBER : ISI-0365-C SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
FCV-68-332-BC	VALBLTG	B-G-2 B6. 9	R00001919			VT-1	19811209	PASS	YES			
FCV-68-333-BC	VALBLTG	B-G-2 B6. 9	R00001919			VT-1	19811209	PASS	YES			
PCV-68-334-BC	VALBLTG	B-G-2 B6. 9	R00001919			VT-1	19811209	PASS	YES			
PCV-68-340A-BC	VALBLTG	B-G-2 B6. 9	R00001919			VT-1	19811209	PASS	YES			
RC-01-BC	FLGBLTG	B-G-2 B4.12	R00004386 R00004562			VT-1 VT-1	19841011 19841127	FAIL PASS	YES YES		THRD ENGAGE	BLTNG TGHTN
RC-02-BC	FLGBLTG	B-G-2 B4.12	R00004387			VT-1	19841011	PASS	YES			
RC-03-BC	FLGBLTG	B-G-2 B4.12	R00004388			VT-1	19841011	PASS	YES			
RC-04-BC	FLGBLTG	B-G-2 B4.12	R00004389			VT-1	19841011	PASS	YES			
RC-05-BC	FLGBLTG	B-G-2 B4.12	R00004390			VT-1	19841011	PASS	YES			
68-563	VAL INT	B-M-2 B6. 7	R00002947			VT-1	19830826	PASS	YES			
68-563-BC	VALBLTG	B-G-2 B6. 9	R00006465			VT-1	19950208	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
68-564	VAL INT	B-M-2 B6. 7	R00002948			VT-1	19830826	PASS	YES			
68-564-BC	VALBLTG	B-G-2 B6. 9	R00006466			VT-1	19950208	PASS	YES			
68-565	VAL INT	B-M-2 B6. 7	R00002949			VT-1	19830826	PASS	YES			
68-565-BC	VALBLTG	B-G-2 B6. 9	R00006467			VT-1	19950208	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
PCV-68-340B-BC	VALBLTG	B-G-2 B6. 9	R00001919			VT-1	19811209	PASS	YES			
PCV-68-340D-BC	VALBLTG	B-G-2 B6. 9	R00001920			VT-1	19811209	PASS	YES			

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SYSTEM : RCS REACTOR COOLANT SYSTEM - 068
ISOMETRIC NUMBER : ISI-0365-C SHEET : 03

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
RCF-B-T001-02	PIPE -ELBOW	B-J B4. 8	R00003313			PT	19810914	PASS	YES			
RCF-B-T001-03	ELBOW -PIPE	B-J B4. 8	R00002175			PT	19820318	PASS	YES			
RCF-B-T001-04	PIPE -ELBOW	B-J B4. 8	R00002176			PT	19820318	PASS	YES			
RCF-B-T001-04A	ELBOW -PIPE	B-J B4. 8	R00003313			PT	19810914	PASS	YES			
RCF-B-T001-04B	PIPE -ELBOW	B-J B4. 8	R00002177			PT	19820318	PASS	YES			
RCF-B-T001-05	ELBOW -PIPE	B-J B4. 8	R00002178			PT	19820318	PASS	YES			
RCF-B-T001-06	PIPE -ELBOW	B-J B4. 8	R00002179			PT	19820318	PASS	YES			
RCF-B-T001-07	ELBOW -PIPE	B-J B4. 8	R00002180			PT	19820318	PASS	YES			
RCF-B-T001-08	PIPE -ELBOW	B-J B4. 8	R00002181			PT	19820318	PASS	YES			
RCF-B-T001-09	ELBOW -PIPE	B-J B4. 8	R00003313			PT	19810914	PASS	YES			
RCF-B-T001-10	PIPE -VALVE	B-J B4. 8	R00003313			PT	19810914	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
RCF-B-T001-11	VALVE -PIPE	B-J B4. 8	R00002184			PT	19820318	PASS	YES			
RCF-B-T001-12	PIPE -TEE	B-J B4. 8	R00002182			PT	19820318	PASS	YES			
RCF-B-T001-13	TEE -PIPE	B-J B4. 8	R00002183			PT	19820318	PASS	YES			
RCF-B-T001-14	PIPE -VALVE	B-J B4. 8	R00002185			PT	19820318	PASS	YES			
RCF-B-T001-15	REDUCER -TEE	B-J B4. 8	R00002186			PT	19820318	PASS	YES			
RCF-B-T002-02	PIPE -ELBOW	B-J B4. 8	R00003314			PT	19810915	PASS	YES			
RCF-B-T002-03	ELBOW -PIPE	B-J B4. 8	R00003314			PT	19810915	PASS	YES			
RCF-B-T002-04	PIPE -ELBOW	B-J B4. 8	R00002168 R00002168A			PT PT	19820318 19820324	FAIL PASS	YES YES		SURF, ROUND	IND. RMVD.
RCF-B-T002-04A	ELBOW -PIPE	B-J B4. 8	R00003314			PT	19810915	PASS	YES			
RCF-B-T002-05	ELBOW -PIPE	B-J B4. 8	R00002172			PT	19820318	PASS	YES			
RCF-B-T002-06	PIPE -ELBOW	B-J B4. 8	R00003314			PT	19810915	PASS	YES			

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RCF-B-T002-07	ELBOW -PIPE	B-J B4. 8	R00003314			PT	19810915	PASS	YES			
RCF-B-T002-08	PIPE -ELBOW	B-J B4. 8	R00003314			PT	19810915	PASS	YES			
RCF-B-T002-09	ELBOW -PIPE	B-J B4. 8	R00003314			PT	19810915	PASS	YES			
RCF-B-T002-10	PIPE -VALVE	B-J B4. 8	R00002173			PT	19820318	PASS	YES			
RCF-B-T002-11	VALVE -PIPE	B-J B4. 8	R00002174			PT	19820318	PASS	YES			
RCF-B-T002-12	PIPE -VALVE	B-J B4. 8	R00002325			PT	19820426	PASS	YES			
RCF-B-T003-02	PIPE -ELBOW	B-J B4. 8	R00003315			PT	19800709	PASS	YES			
RCF-B-T003-05	ELBOW -PIPE	B-J B4. 8	R00002870			PT	19830405	PASS	YES			
RCF-B-T003-06	PIPE -ELBOW	B-J B4. 8	R00003316			PT	19810917	PASS	YES			
RCF-B-T003-07	ELBOW -PIPE	B-J B4. 8	R00003317			PT	19810914	PASS	YES			
RCF-B-T003-08	PIPE -ELBOW	B-J B4. 8	R00003316			PT	19810917	PASS	YES			

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RCF-B-T003-09	ELBOW -PIPE	B-J B4. 8	R00003317			PT	19810914	PASS	YES			
RCF-B-T003-10	PIPE -VALVE	B-J B4. 8	R00002165 R00002871			PT PT	19820318 19830405	FAIL PASS	YES YES		SURF, LINEAR IND. RMVD.	
RCF-B-T003-11	VALVE - -PIPE	B-J B4. 8	R00003316			PT	19810917	PASS	YES			
RCF-B-T003-12	PIPE -VALVE	B-J B4. 8	R00003316			PT	19810917	PASS	YES			
RCF-B-T004-01A	PIPE -ELBOW	B-J B4. 8	R00003318			PT	19810916	PASS	YES			
RCF-B-T004-01B	ELBOW -PIPE	B-J B4. 8	R00003318			PT	19810916	PASS	YES			
RCF-B-T004-01C	PIPE -ELBOW	B-J B4. 8	R00003318			PT	19810916	PASS	YES			
RCF-B-T004-01D	ELBOW -PIPE	B-J B4. 8	R00003318			PT	19810916	PASS	YES			
RCF-B-T004-01E	PIPE -ELBOW	B-J B4. 8	R00003318			PT	19810916	PASS	YES			
RCF-B-T004-01F	ELBOW -PIPE	B-J B4. 8	R00003318			PT	19810916	PASS	YES			
RCF-B-T004-06	PIPE -ELBOW	B-J B4. 8	R00002169			PT	19820318	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
RCF-B-T004-07	ELBOW -PIPE	B-J B4. 8	R00003318			PT	19810916	PASS	YES			
RCF-B-T004-08	PIPE -ELBOW	B-J B4. 8	R00002166			PT	19820318	FAIL	YES		SURF, LINEAR	IND. RMVD.
											SURF, ROUND	IND. RMVD.
			R00002166A			PT	19820318	PASS	YES			
RCF-B-T004-09	ELBOW -PIPE	B-J B4. 8	R00002170			PT	19820318	PASS	YES			
RCF-B-T004-10	PIPE -VALVE	B-J B4. 8	R00002167			PT	19820318	FAIL	YES		SURF, LINEAR	IND. RMVD.
			R00002167A			PT	19820318	PASS	YES			
RCF-B-T004-11	VALVE -PIPE	B-J B4. 8	R00002171			PT	19820318	PASS	YES			
RCF-B-T004-12	PIPE -VALVE	B-J B4. 8	R00004796			PT	19851118	PASS	YES			

SYSTEM : RHRS RESIDUAL HEAT REMOVAL SYSTEM - 074
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FCV-74-001	VAL INT	B-M-2 B6. 7	R00005251			VT-1	19930326	PASS	YES			
FCV-74-001-BC	VALBLTG	B-G-2 B6. 9	R00005252			VT-1	19930326	PASS	YES			
FCV-74-002	VAL INT	B-M-2 B6. 7	R00005247			VT-1	19930321	PASS	YES			
FCV-74-002-BC	VALBLTG	B-G-2 B6. 9	R00001919			VT-1	19811208	PASS	YES			
FCV-74-008	VAL INT	B-M-2 B6. 7	R00005248			VT-1	19930227	PASS	YES			
FCV-74-008-BC	VALBLTG	B-G-2 B6. 9	R00001919			VT-1	19811208	PASS	YES			
FCV-74-009	VAL INT	B-M-2 B6. 7	R00005222			VT-1	19930217	PASS	YES			
FCV-74-009-BC	VALBLTG	B-G-2 B6. 9	R00001919			VT-1	19811208	PASS	YES			
RHRF-D053-01	PIPE -RED TEE	B-J B4. 5C	R00004775			RT	19840516	PASS	YES			
RHRF-D053-05	RED TEE -VALVE	B-J B4. 5C	R00004774			RT	19840530	PASS	YES			

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RHRS-164A	RED ELB -ELBOW	C-F C2. 1	R00006606			RT	19770222	PASS	YES			
SIF-B-T048-02	VALVE -PIPE	B-J B4. 8	R00003369			PT	19801209	PASS	YES			
SIF-B-T048-03	PIPE -TEE	B-J B4. 8	R00003371			PT	19810406	PASS	YES			
SIF-B-T048-04	TEE -REDUCER	B-J B4. 8	R00003369			PT	19801209	PASS	YES			
SIF-B-T048-05	TEE -PIPE	B-J B4. 8	R00003370			PT	19811212	PASS	YES			
SIF-B-T048-06	PIPE -ELBOW	B-J B4. 8	R00003369			PT	19801209	PASS	YES			
SIF-B-T048-07	ELBOW -PIPE	B-J B4. 8	R00003369			PT	19801209	PASS	YES			
SIF-B-T048-08	PIPE -ELBOW	B-J B4. 8	R00003369			PT	19801209	PASS	YES			
SIF-B-T048-09	ELBOW -PIPE	B-J B4. 8	R00003371			PT	19810406	PASS	YES			
SIF-B-T048-10	PIPE -WELDOLT	B-J B4. 8	R00003369			PT	19801209	PASS	YES			
63-640-BC	VALBLTG	B-G-2 B6. 9	R00002118			VT-1	19820305	PASS	YES			

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SYSTEM : RHRS RESIDUAL HEAT REMOVAL SYSTEM - 074
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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
63-641-BC	VALBLTG	B-G-2 B6. 9	R00002118			VT-1	19820305	PASS	YES			

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RHRF-B-T108-01	PIPE -WELDOLT	B-J B4. 8	R00003549			PT	19810406	PASS	YES			
RHRF-B-T108-02	ELBOW -PIPE	B-J B4. 8	R00003549			PT	19810406	PASS	YES			
RHRF-B-T108-03	PIPE -ELBOW	B-J B4. 8	R00003549			PT	19810406	PASS	YES			
RHRF-B-T108-04	ELBOW -PIPE	B-J B4. 8	R00003549			PT	19810406	PASS	YES			
RHRF-B-T108-05	PIPE -ELBOW	B-J B4. 8	R00003549			PT	19810406	PASS	YES			
RHRF-B-T108-06	TEE -PIPE	B-J B4. 8	R00003549			PT	19810406	PASS	YES			
RHRF-B-T108-07	REDUCER -TEE	B-J B4. 8	R00003549			PT	19810406	PASS	YES			
RHRF-B-T108-08	TEE -PIPE	B-J B4. 8	R00004358			PT	19810425	PASS	YES			
RHRF-B-T108-09	PIPE -VALVE	B-J B4. 8	R00003549			PT	19810406	PASS	YES			
RHRF-D055-14	REDUCER -VALVE	B-J B4. 5C	R00004778			RT	19850113	PASS	YES			
63-643	VAL INT	B-M-2 B6. 7	R00003207			VT-1	19831220	PASS	YES			

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PRISIM

SYSTEM : RHRS RESIDUAL HEAT REMOVAL SYSTEM - 074
ISOMETRIC NUMBER : CHM-2636-C SHEET : 08

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
63-643-BC	VALBLTG	B-G-2 B6. 9	R00001968			VT-1	19811229	PASS	YES			
63-644	VAL INT	B-M-2 B6. 7	R00003208			VT-1	19831220	PASS	YES			
63-644-BC	VALBLTG	B-G-2 B6. 9	R00005794			VT-1	19931116	PASS	YES			

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INTERVAL : 00 PERIOD : 3

PRISIM

SYSTEM : RHRS RESIDUAL HEAT REMOVAL SYSTEM - 074
ISOMETRIC NUMBER : CHM-2662-A SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
RHRHX-1-1B	VES HD	C-A	R00002808			PT	19830303	FAIL	YES		SURF, LINEAR	IND. RMVD.
	-VES SHL	C1.1	R00003095			PT	19831019	PASS	YES			
			R00000591	C00000183	WB-15	UT-0	19790808	PASS	YES			
			R00000591	C00000185	WB-15	UT-45	19790813	PASS	YES			
RHRHX-2-1A	VES SHL	C-A	R00002809			PT	19830303	FAIL	YES		ARC STRIKE	REMOVED
	-VES FLG	C1.1	R00003085			PT	19831018	PASS	YES			
			R00005464			PT	19930327	PASS	YES			
			R00000590	C00000182	WB-15	UT-0	19790810	PASS	NO	ISI-14		
			R00000590	C00000184	WB-15	UT-45	19790810	PASS	NO	ISI-14		
RHRHX-3-1B	VES NOZ	C-B	R00002654			PT	19830103	PASS	YES			
	-VES SHL	C1.2	R00000592	C00000186	WB-15	UT-0	19790807	PASS	NO	ISI-15		
			R00000592	C00000184	WB-15	UT-45	19790810	PASS	NO	ISI-15		
RHRHX-4-1A	VES SHL	C-B	R00002644			PT	19821229	PASS	YES			
	-VES NOZ	C1.2	R00000589	C00000182	WB-15	UT-0	19790810	PASS	NO	ISI-15		
			R00000589	C00000184	WB-15	UT-45	19790810	PASS	NO	ISI-15		
RHRHX-5-1B-1A	VES IWA	C-C C1.3	R00003096			PT	19831020	PASS	YES			

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PRISIM

SYSTEM : RV REACTOR VESSEL - 068
ISOMETRIC NUMBER : CHM-2549-A SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
W08-09	UP HEAD -FLANGE	B-C B1. 3	R00009961	SWRI450004	WB-51	UT-0	19781103	PASS	YES			
			R00009961	SWRI251002		UT-0	19781103	PASS	YES			
			R00009961	SWRI450005	WB-51	UT-45	19781103	PASS	YES			
			R00009961	SWRI450007	WB-51	UT-45	19781104	PASS	YES			
			R00009961	SWRI450005	WB-51	UT-60	19781103	PASS	YES			
			R00009961	SWRI450007	WB-51	UT-60	19781104	PASS	YES			
W09-10	CIRC HW	B-B B1. 2C	R00009962	SWRI450004	WB-51	UT-0	19781103	PASS	YES			
			R00009962	SWRI251002		UT-0	19781103	PASS	YES			
			R00009962	SWRI450005	WB-51	UT-45	19781103	PASS	YES			
			R00009962	SWRI450007	WB-51	UT-45	19781104	PASS	YES			
			R00009962	SWRI450005	WB-51	UT-60	19781103	PASS	YES			
			R00009962	SWRI450007	WB-51	UT-60	19781104	PASS	YES			

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ISOMETRIC NUMBER : CHM-2684-C SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
CRDN-01	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-02	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-03	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-04	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-05	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-06	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-07	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-08	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-09	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-10	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-11	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			

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CRDN-12	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-13	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-14	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-15	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-16	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-17	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-18	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-19	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-20	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-21	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-22	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
CRDN-23	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-24	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-25	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-26	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-27	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-28	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-29	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-30	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-31	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-32	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-33	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			

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CRDN-34	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-35	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-36	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-37	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-38	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-39	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-40	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-41	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-42	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-43	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-44	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			

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CRDN-45	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-46	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-47	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-48	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-49	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-50	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-51	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-52	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-53	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-54	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-55	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			

SYSTEM : RV REACTOR VESSEL - 068
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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
CRDN-56	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-57	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-58	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-59	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-60	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-61	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-62	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-63	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-64	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-65	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-66	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			

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CRDN-67	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-68	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-69	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-70	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-71	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-72	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-73	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-74	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-75	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-76	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDN-77	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			

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CRDN-78	CRD PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
CRDW-54	CRDHW	B-O B1.18	R00003206	C00000608	WB-52	UT-45	19831220	PASS	YES		NON-GEO/MTL	NON-RELEVANT
CRDW-58	CRDHW	B-O	R00000574	C00000176	WB-52	UT-0	19790814	PASS	YES			
		B1.18	R00000574	C00000177	WB-52	UT-45	19790814	PASS	YES		NON-GEO/MTL	NON-RELEVANT
CRDW-60	CRDHW	B-O	R00000579	C00000176	WB-52	UT-0	19790814	PASS	YES			
		B1.18	R00000579	C00000177	WB-52	UT-45	19790814	PASS	YES		NON-GEO/MTL	NON-RELEVANT
CRDW-62	CRDHW	B-O B1.18	R00003205	C00000608	WB-52	UT-45	19831220	PASS	YES			
CRDW-63	CRDHW	B-O	R00000573	C00000176	WB-52	UT-0	19790814	PASS	YES			
		B1.18	R00000573	C00000177	WB-52	UT-45	19790814	PASS	YES		NON-GEO/MTL	NON-RELEVANT
CRDW-64	CRDHW	B-O	R00000578	C00000176	WB-52	UT-0	19790814	PASS	YES			
		B1.18	R00000578	C00000177	WB-52	UT-45	19790814	PASS	YES		NON-GEO/MTL	NON-RELEVANT
CRDW-65	CRDHW	B-O	R00000583	C00000176	WB-52	UT-0	19790814	PASS	YES			
		B1.18	R00000583	C00000177	WB-52	UT-45	19790814	PASS	YES		NON-GEO/MTL	NON-RELEVANT
CRDW-66	CRDHW	B-O	R00000584	C00000176	WB-52	UT-0	19790814	PASS	YES			
		B1.18	R00000584	C00000177	WB-52	UT-45	19790814	PASS	YES		NON-GEO/MTL	NON-RELEVANT
CRDW-67	CRDHW	B-O	R00000585	C00000176	WB-52	UT-0	19790814	PASS	YES			
		B1.18	R00000585	C00000177	WB-52	UT-45	19790814	PASS	YES		NON-GEO/MTL	NON-RELEVANT
CRDW-68	CRDHW	B-O B1.18	R00000571	C00000176	WB-52	UT-0	19790814	PASS	YES			

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CRDW-68	CRDHW	B-O	R00000571	C00000177	WB-52	UT-45	19790814	PASS	YES		NON-GEO/MTL	NON-RELEVANT
		B1.18										
CRDW-69	CRDHW	B-O	R00000572	C00000176	WB-52	UT-0	19790814	PASS	YES			
		B1.18	R00000572	C00000177	WB-52	UT-45	19790814	PASS	YES		NON-GEO/MTL	NON-RELEVANT
CRDW-70	CRDHW	B-O	R00000575	C00000176	WB-52	UT-0	19790814	PASS	YES			
		B1.18	R00000575	C00000177	WB-52	UT-45	19790814	PASS	YES		NON-GEO/MTL	NON-RELEVANT
CRDW-71	CRDHW	B-O	R00000576	C00000176	WB-52	UT-0	19790814	PASS	YES			
		B1.18	R00000576	C00000177	WB-52	UT-45	19790814	PASS	YES		NON-GEO/MTL	NON-RELEVANT
CRDW-72	CRDHW	B-O	R00000580	C00000176	WB-52	UT-0	19790814	PASS	YES			
		B1.18	R00000580	C00000177	WB-52	UT-45	19790814	PASS	YES		NON-GEO/MTL	NON-RELEVANT
CRDW-73	CRDHW	B-O	R00000581	C00000176	WB-52	UT-0	19790814	PASS	YES			
		B1.18	R00000581	C00000177	WB-52	UT-45	19790814	PASS	YES		NON-GEO/MTL	NON-RELEVANT
CRDW-74	CRDHW	B-O	R00000586	C00000176	WB-52	UT-0	19790814	PASS	YES			
		B1.18	R00000586	C00000177	WB-52	UT-45	19790814	PASS	YES		NON-GEO/MTL	NON-RELEVANT
CRDW-75	CRDHW	B-O	R00000570	C00000176	WB-52	UT-0	19790814	PASS	YES			
		B1.18	R00000570	C00000177	WB-52	UT-45	19790814	PASS	YES		NON-GEO/MTL	NON-RELEVANT
CRDW-76	CRDHW	B-O	R00003204	C00000608	WB-52	UT-45	19831220	PASS	YES		NON-GEO/MTL	NON-RELEVANT
		B1.18										
CRDW-77	CRDHW	B-O	R00000577	C00000176	WB-52	UT-0	19790814	PASS	YES			
		B1.18	R00000577	C00000177	WB-52	UT-45	19790814	PASS	YES		NON-GEO/MTL	NON-RELEVANT
CRDW-78	CRDHW	B-O	R00000582	C00000176	WB-52	UT-0	19790814	PASS	YES			
		B1.18										

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
CRDW-78	CRDHW	B-O B1.18	R00000582	C00000177	WB-52	UT-45	19790814	PASS	YES		NON-GEO/MTL	NON-RELEVANT
UPIAH-A	CHV PEN	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
UPIAH-B	CHV PEN	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
UPIAH-C	CHV PEN	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
UPIAH-D	CHV PEN	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
VENT-1	CHV PEN	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
UPIAH-2-A	UPHD AD	B-F	R00000554			PT	19790816	PASS	YES			
		B4. 1	R00000566	C00000175	SQ-22	UT-0	19790814	PASS	YES			
			R00000566	C00000178	SQ-22	UT-45	19790815	PASS	YES			
UPIAH-2-B	UPHD AD	B-F	R00000555			PT	19790816	PASS	YES			
		B4. 1	R00000569	C00000175	SQ-22	UT-0	19790814	PASS	YES			
			R00000569	C00000178	SQ-22	UT-45	19790815	PASS	YES		GEOMETRIC	NON-RELEVANT
UPIAH-2-C	UPHD AD	B-F	R00000556			PT	19790816	PASS	YES			
		B4. 1	R00000568	C00000175	SQ-22	UT-0	19790814	PASS	YES			
			R00000568	C00000178	SQ-22	UT-45	19790815	PASS	YES			
UPIAH-2-D	UPHD AD	B-F	R00000550			PT	19790816	PASS	YES			
		B4. 1	R00000567	C00000175	SQ-22	UT-0	19790814	PASS	YES			
			R00000567	C00000178	SQ-22	UT-45	19790815	PASS	YES			
UPIAH-3-A	UPHD AD	B-F	R00000554			PT	19790816	PASS	YES			
		B4. 1	R00000566	C00000175	SQ-22	UT-0	19790814	PASS	YES			
			R00000566	C00000178	SQ-22	UT-45	19790815	PASS	YES			
UPIAH-3-B	UPHD AD	B-F	R00000555			PT	19790816	PASS	YES			
		B4. 1	R00000569	C00000175	SQ-22	UT-0	19790814	PASS	YES			
			R00000569	C00000178	SQ-22	UT-45	19790815	PASS	YES		GEOMETRIC	NON-RELEVANT
UPIAH-3-C	UPHD AD	B-F	R00000556			PT	19790816	PASS	YES			
		B4. 1	R00000568	C00000175	SQ-22	UT-0	19790814	PASS	YES			
			R00000568	C00000178	SQ-22	UT-45	19790815	PASS	YES			
UPIAH-3-D	UPHD AD	B-F	R00000550			PT	19790816	PASS	YES		PHYSIC DMG	REMOVED
		B4. 1	R00000550R			PT	19790821	PASS	YES			
			R00000567	C00000175	SQ-22	UT-0	19790814	PASS	YES			

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UPIAH-3-D	UPHD AD	B-F B4. 1	R00000567	C00000178	SQ-22	UT-45	19790815	PASS	YES			
UPIAH-4-A	UPHD AD	B-F B4. 1	R00000551			PT	19790816	PASS	YES			
			R00000545	C00000173	SQ-22	UT-0	19790814	PASS	YES			
			R00000545	C00000179	SQ-22	UT-45	19790815	PASS	YES		GEOMETRIC	NON-RELEVANT
UPIAH-4-B	UPHD AD	B-F B4. 1	R00000552			PT	19790816	PASS	YES			
			R00000548	C00000173	SQ-22	UT-0	19790814	PASS	YES			
			R00000548	C00000179	SQ-22	UT-45	19790815	PASS	YES		GEOMETRIC	NON-RELEVANT
UPIAH-4-C	UPHD AD	B-F B4. 1	R00000549			PT	19790816	PASS	YES			
			R00000547	C00000173	SQ-22	UT-0	19790814	PASS	YES			
			R00000547	C00000179	SQ-22	UT-45	19790815	PASS	YES		GEOMETRIC	NON-RELEVANT
UPIAH-4-D	UPHD AD	B-F B4. 1	R00000553			PT	19790816	PASS	YES			
			R00000546	C00000173	SQ-22	UT-0	19790814	PASS	YES			
			R00000546	C00000179	SQ-22	UT-45	19790815	PASS	YES		GEOMETRIC	NON-RELEVANT

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N11	SHELL -INL NOZ	B-D B1. 4	R00009937	SWR1570050	WB-49	UT-0	19781111	PASS	YES			
			R00009937	SWR1570031	SQ-53	UT-15	19781105	PASS	YES			
			R00009937	SWR1570030	SQ-53	UT-45	19781105	PASS	YES			
			R00009937	SWR1570048	WB-49	UT-45	19781111	PASS	YES			
			R00009937	SWR1570057	WB-49	UT-45	19781113	PASS	YES			
			R00009937	SWR1570049	WB-49	UT-60	19781111	PASS	YES			
			R00009937	SWR1570058	WB-49	UT-60	19781113	PASS	YES			
N11-IR	INL NIR	B-D B1. 4	R00009938	SWR1570054	SQ-51	UT-90	19781112	PASS	YES			
N12	SHELL -INL NOZ	B-D B1. 4	R00009940	SWR1570047	WB-49	UT-0	19781109	PASS	YES			
			R00009940	SWR1570050	WB-49	UT-0	19781110	PASS	YES			
			R00009940	SWR1570031	SQ-53	UT-15	19781105	PASS	YES			
			R00009940	SWR1570030	SQ-53	UT-45	19781105	PASS	YES			
			R00009940	SWR1570045	WB-49	UT-45	19781109	PASS	YES			
			R00009940	SWR1570048	WB-49	UT-45	19781110	PASS	YES			
			R00009940	SWR1570055	WB-49	UT-45	19781113	PASS	YES			
			R00009940	SWR1570046	WB-49	UT-60	19781109	PASS	YES			
			R00009940	SWR1570049	WB-49	UT-60	19781110	PASS	YES			
			R00009940	SWR1570056	WB-49	UT-60	19781113	PASS	YES			
N12-IR	INL NIR	B-D B1. 4	R00009941	SWR1570054	SQ-51	UT-90	19781112	PASS	YES			
N13	SHELL -INL NOZ	B-D B1. 4	R00009943	SWR1570050	WB-49	UT-0	19781110	PASS	YES			
			R00009943	SWR1570031	SQ-53	UT-15	19781105	PASS	YES			
			R00009943	SWR1570030	SQ-53	UT-45	19781105	PASS	YES			
			R00009943	SWR1570048	WB-49	UT-45	19781110	PASS	YES			
			R00009943	SWR1570057	WB-49	UT-45	19781113	PASS	YES			
			R00009943	SWR1570049	WB-49	UT-60	19781110	PASS	YES			

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N13	SHELL -INL NOZ	B-D B1. 4	R00009943	SWR1570058	WB-49	UT-60	19781113	PASS	YES			
N13-IR	INL NIR	B-D B1. 4	R00009944	SWR1570054	SQ-51	UT-90	19781112	PASS	YES			
N14	SHELL -INL NOZ	B-D B1. 4	R00009946	SWR1570044	WB-49	UT-0	19781109	PASS	YES			
			R00009946	SWR1570031	SQ-53	UT-15	19781105	PASS	YES			
			R00009946	SWR1570030	SQ-53	UT-45	19781105	PASS	YES			
			R00009946	SWR1570055	WB-49	UT-45	19781109	PASS	YES			
			R00009946	SWR1570042	WB-49	UT-45	19781112	PASS	YES			
			R00009946	SWR1570043	WB-49	UT-60	19781109	PASS	YES			
			R00009946	SWR1570056	WB-49	UT-60	19781112	PASS	YES			
N14-IR	INL NIR	B-D B1. 4	R00009947	SWR1570054	SQ-51	UT-90	19781112	PASS	YES			
N15	SHELL -OUT NOZ	B-D B1. 4	R00009949	SWR1570050	WB-49	UT-0	19781111	PASS	YES			
			R00009949	SWR1570053	WB-49	UT-0	19781112	PASS	YES			
			R00009949	SWR1570035	SQ-53	UT-10	19781105	PASS	YES			
			R00009949	SWR1570033	SQ-53	UT-45	19781105	PASS	YES			
			R00009949	SWR1570048	WB-49	UT-45	19781111	PASS	YES			
			R00009949	SWR1570057	WB-49	UT-45	19781113	PASS	YES			
			R00009949	SWR1570051	WB-49	UT-45	19781112	PASS	YES			
			R00009949	SWR1570049	WB-49	UT-60	19781111	PASS	YES			
			R00009949	SWR1570058	WB-49	UT-60	19781113	PASS	YES			
			R00009949	SWR1570034	SQ-51	UT-60	19781105	PASS	YES			
			R00009949	SWR1570052	WB-49	UT-60	19781112	PASS	YES			
N15-IR	OUT NIR	B-D B1. 4	R00009950	SWR1570032	SQ-51	UT-90	19781106	PASS	YES			

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N16	SHELL -OUT NOZ	B-D B1. 4	R00009952	SWR1570050	WB-49	UT-0	19781110	PASS	YES			
			R00009952	SWE1570035	SQ-53	UT-10	19781105	PASS	YES			
			R00009952	SWR1570033	SQ-53	UT-45	19781105	PASS	YES			
			R00009952	SWR1570048	WB-49	UT-45	19781110	PASS	YES			
			R00009952	SWR1570057	WB-49	UT-45	19781113	PASS	YES			
			R00009952	SWR1570055	WB-49	UT-45	19781113	PASS	YES			
			R00009952	SWR1570049	WB-49	UT-60	19781110	PASS	YES			
			R00009952	SWR1570058	WB-49	UT-60	19781113	PASS	YES			
			R00009952	SWR1570056	WB-49	UT-60	19781113	PASS	YES			
			R00009952	SWR1570034	SQ-51	UT-60	19781105	PASS	YES			
N16-IR	OUT NIR	B-D B1. 4	R00009953	SWR1570032	SQ-51	UT-90	19781106	PASS	YES			
N17	SHELL -OUT NOZ	B-D B1. 4	R00009955	SWR1570047	WB-49	UT-0	19781110	PASS	YES			
			R00009955	SWR1570035	SQ-53	UT-10	19781105	PASS	YES			
			R00009955	SWR1570033	SQ-53	UT-45	19781105	PASS	YES			
			R00009955	SWR1570045	WB-49	UT-45	19781110	PASS	YES			
			R00009955	SWR1570055	WB-49	UT-45	19781113	PASS	YES			
			R00009955	SWR1570046	WB-49	UT-60	19781110	PASS	YES			
			R00009955	SWR1570056	WB-49	UT-60	19781113	PASS	YES			
			R00009955	SWR1570034	SQ-51	UT-60	19781105	PASS	YES			
N17-IR	OUT NIR	B-D B1. 4	R00009956	SWR1570032	SQ-51	UT-90	19781106	PASS	YES			
N18	SHELL -OUT NOZ	B-D B1. 4	R00009958	SWR1570053	WB-49	UT-0	19781112	PASS	YES			
			R00009958	SWR1570035	SQ-53	UT-10	19781105	PASS	YES			
			R00009958	SWR1570033	SQ-53	UT-45	19781105	PASS	YES			
			R00009958	SWR1570051	WB-49	UT-45	19781112	PASS	YES			
			R00009958	SWR1570055	WB-49	UT-45	19781112	PASS	YES			

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N18	SHELL -OUT NOZ	B-D B1. 4	R00009958	SWR1570052	WB-49	UT-60	19781112	PASS	YES			
			R00009958	SWR1570056	WB-49	UT-60	19781112	PASS	YES			
			R00009958	SWR1570034	SQ-51	UT-60	19781105	PASS	YES			
N18-IR	OUT NIR	B-D B1. 4	R00009959	SWR1570032	SQ-51	UT-90	19781106	PASS	YES			
W01-02	CIRC HW	B-B B1. 2C	R00009963	SWR1570006	WB-47	UT-0	19781027	PASS	YES			
			R00009963	C00001256	WB-47	UT-0	19930818	PASS	YES			
			R00009963	SWR1570004	WB-47	UT-45	19781027	PASS	YES			
			R00009963	C00001257	WB-47	UT-45	19930819	PASS	YES			
			R00009963	SWR1570009	WB-47	UT-45	19781029	PASS	YES			
			R00009963	C00001258	WB-47	UT-45	19930820	PASS	YES			
			R00009963	SWR1570005	WB-47	UT-60	19781027	PASS	YES			
			R00009963	C00001259	WB-47	UT-60	19930820	PASS	YES			
			R00009963	SWR1570010	WB-47	UT-60	19781029	PASS	YES			
			R00009963	C00001260	WB-47	UT-60	19930823	PASS	YES			
W02-03	LOWHEAD -SHELL	B-B B1. 2C	R00009964	SWR1570006	WB-47	UT-0	19781027	PASS	YES			
			R00009964	C00001253	WB-47	UT-0	19930801	PASS	YES			
			R00009964	SWR1570004	WB-47	UT-45	19781027	PASS	YES			
			R00009964	C00001254	WB-47	UT-45	19930801	PASS	YES			
			R00009964	SWR1570011	WB-47	UT-45	19781029	PASS	YES			
			R00009964	SWR1570005	WB-47	UT-60	19781027	PASS	YES			
			R00009964	C00001255	WB-47	UT-60	19930801	PASS	YES			
			R00009964	SWR1570012	WB-47	UT-60	19781029	PASS	YES			
W03-04	SHELL -SHELL	B-B B1. 2C	R00009965	SWR1570015	WB-48	UT-0	19781030	PASS	YES			
			R00009965	SWR1570013	WB-48	UT-45	19781030	PASS	YES			
			R00009965	SWR1570016	WB-48	UT-45	19781031	PASS	YES			
			R00009965	SWR1570014	WB-48	UT-60	19781030	PASS	YES			

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W03-04	SHELL -SHELL	B-B B1. 2C	R00009965	SWR1570017	WB-48	UT-60	19781031	PASS	YES			
W04-05	SHELL -SHELL	B-A B1. 1C	R00009966	SWE1570018	WB-48	UT-0	19781030	PASS	YES			
			R00009966	C00001250	WB-48	UT-0	19930731	PASS	NO			
			R00009966	SWR1570016	WB-48	UT-45	19781030	PASS	YES			
			R00009966	C00001251	WB-48	UT-45	19930731	PASS	NO			
			R00009966	SWR1570019	WB-48	UT-45	19781031	PASS	YES			
			R00009966	SWR1570017	WB-48	UT-60	19781030	PASS	YES			
			R00009966	C00001252	WB-48	UT-60	19930731	PASS	NO			
			R00009966	SWR1570020	WB-48	UT-60	19781031	PASS	YES			
W05-06	SHELL -SHELL	B-B B1. 2C	R00009967	SWR1570018	WB-48	UT-0	19781031	PASS	YES			
			R00009967	SWR1570026	WB-48	UT-0	19781103	PASS	YES			
			R00009967	SWR1570016	WB-48	UT-45	19781031	PASS	YES			
			R00009967	SWR1570024	WB-48	UT-45	19781103	PASS	YES			
			R00009967	SWR1570019	WB-48	UT-45	19781031	PASS	YES			
			R00009967	SWR1570017	WB-48	UT-60	19781031	PASS	YES			
			R00009967	SWR1570025	WB-48	UT-60	19781103	PASS	YES			
			R00009967	SWR1570020	WB-48	UT-60	19781031	PASS	YES			
W06-07	SHELL -FLANGE	B-C B1. 3	R00009968	SWR1570029	WB-49	UT-0	19781103	PASS	YES			
			R00009968	SWR1570027	WB-49	UT-45	19781103	PASS	YES			
			R00009968	SWR1570028	WB-49	UT-60	19781103	PASS	YES			
W2A	M HEAD	B-B B1. 2L	R00009969	SWR1570006	WB-47	UT-0	19781026	PASS	YES			
			R00009969	SWR1570004	WB-47	UT-45	19781026	PASS	YES			
			R00009969	SWR1570007	WB-47	UT-45	19781027	PASS	YES			
			R00009969	SWR1570005	WB-47	UT-60	19781026	PASS	YES			
			R00009969	SWR1570008	WB-47	UT-60	19781027	PASS	YES			
W2B	M HEAD	B-B B1. 2L	R00009970	SWR1570006	WB-47	UT-0	19781026	PASS	YES			

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W2B	M HEAD	B-B B1. 2L	R00009970	SWR1570004	WB-47	UT-45	19781026	PASS	YES			
			R00009970	SWR1570007	WB-47	UT-45	19781027	PASS	YES			
			R00009970	SWR1570005	WB-47	UT-60	19781026	PASS	YES			
			R00009970	SWR1570008	WB-47	UT-60	19781027	PASS	YES			
W2C	M HEAD	B-B B1. 2L	R00009971	SWR1570006	WB-47	UT-0	19781026	PASS	YES			
			R00009971	SWR1570004	WB-47	UT-45	19781026	PASS	YES			
			R00009971	SWR1570007	WB-47	UT-45	19781028	PASS	YES			
			R00009971	SWR1570005	WB-47	UT-60	19781026	PASS	YES			
			R00009971	SWR1570008	WB-47	UT-60	19781028	PASS	YES			
W2D	M HEAD	B-B B1. 2L	R00009972	SWR0570006	WB-47	UT-0	19781026	PASS	YES			
			R00009972	SWR1570004	WB-47	UT-45	19781026	PASS	YES			
			R00009972	SWR1570007	WB-47	UT-45	19781028	PASS	YES			
			R00009972	SWR1570005	WB-47	UT-60	19781026	PASS	YES			
			R00009972	SWR1570008	WB-47	UT-60	19781028	PASS	YES			
W2E	M HEAD	B-B B1. 2L	R00009973	SWR1570006	WB-47	UT-0	19781026	PASS	YES			
			R00009973	SWR1570023	WB-47	UT-0	19781102	PASS	YES			
			R00009973	SWR1570004	WB-47	UT-45	19781026	PASS	YES			
			R00009973	SWR1570021	WB-47	UT-45	19781102	PASS	YES			
			R00009973	SWR1450003	WB-47	UT-45	19781101	PASS	YES			
			R00009973	SWR1450010	WB-47	UT-45	19781114	PASS	YES			
			R00009973	SWR1450006	WB-47	UT-45	19781104	PASS	YES			
			R00009973	SWR1570007	WB-47	UT-45	19781028	PASS	YES			
			R00009973	SWR1570005	WB-47	UT-60	19781026	PASS	YES			
			R00009973	SWR1570022	WB-47	UT-60	19781102	PASS	YES			
			R00009973	SWR1450003	WB-47	UT-60	19781101	PASS	YES			
			R00009973	SWR1450010	WB-47	UT-60	19781114	PASS	YES			
			R00009973	SWR1450006	WB-47	UT-60	19781104	PASS	YES			
			R00009973	SWR1570008	WB-47	UT-60	19781028	PASS	YES			

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SYSTEM : RV REACTOR VESSEL - 068
ISOMETRIC NUMBER : ISI-0427-C SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
W2F	M HEAD	B-B B1. 2L	R00009974	SWR1570006	WB-47	UT-0	19781026	PASS	YES			
			R00009974	SWR1570004	WB-47	UT-45	19781026	PASS	YES			
			R00009974	SWR1570007	WB-47	UT-45	19781028	PASS	YES			
			R00009974	SWR1570005	WB-47	UT-60	19781026	PASS	YES			
			R00009974	SWR1570008	WB-47	UT-60	19781028	PASS	YES			

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EXAM REQUIREMENT : P01-01 CYCLE : 00
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PRISIM

SYSTEM : RV REACTOR VESSEL - 068
ISOMETRIC NUMBER : ISI-0427-C SHEET : 02

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
INSTPEN-01	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-02	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-03	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-04	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-05	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-06	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-07	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-08	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-09	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-10	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-11	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			

SYSTEM : RV REACTOR VESSEL - 068
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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
INSTPEN-12	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-13	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-14	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-15	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-16	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-17	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-18	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-19	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-20	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-21	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-22	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
INSTPEN-23	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-24	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-25	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-26	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-27	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-28	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-29	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-30	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-31	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-32	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-33	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
INSTPEN-34	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-35	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-36	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-37	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-38	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-39	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-40	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-41	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-42	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-43	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-44	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
INSTPEN-45	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-46	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-47	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-48	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-49	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-50	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-51	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-52	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-53	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-54	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-55	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			

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INSTPEN-56	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-57	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			
INSTPEN-58	ICI PEN -VES HD	B-E B1. 5	R00003386			VT-2	19811024	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
RVLIG-01	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-02	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-03	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-04	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-05	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-06	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-07	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-08	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-09	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-10	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-11	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			

SYSTEM : RV REACTOR VESSEL - 068
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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
RVLIG-12	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-13	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-14	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-15	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-16	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-17	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-18	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-19	LIGAMNT	B-G-1 B1. 9	R00009975 R00009975	SWRI190011	SQ-52	UT-0 VT-1	19781107 19840515	PASS PASS	YES YES			
RVLIG-20	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-21	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-22	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
RVLIG-23	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-24	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-25	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-26	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-27	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-28	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-29	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-30	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-31	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-32	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-33	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
RVLIG-34	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-35	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-36	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-37	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-38	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-39	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-40	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-41	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-42	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-43	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-44	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
RVLIG-45	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-46	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-47	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-48	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-49	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-50	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-51	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-52	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-53	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVLIG-54	LIGAMNT	B-G-1 B1. 9	R00009975	SWRI190011	SQ-52	UT-0	19781107	PASS	YES			
RVNUT-01	CH BLTG	B-G-1 B1. 8	R00009976			MT	19781103	ENGR	YES			

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RVNUT-01	CH BLTG	B-G-1	R00009976	SWRI190005	SQ-50	UT-0	19781105	PASS	YES			
		B1. 8	R00009976	SWRI190006	SQ-50	UT-42	19781105	PASS	YES			
RVNUT-02	CH BLTG	B-G-1	R00009976			MT	19781103	PASS	YES			
		B1. 8	R00009976	SWRI190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWRI190008	SQ-50	UT-42	19781103	PASS	YES			
RVNUT-03	CH BLTG	B-G-1	R00009976			MT	19781102	PASS	YES			
		B1. 8	R00009976	SWRI190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWRI190006	SQ-50	UT-42	19781105	PASS	YES			
RVNUT-04	CH BLTG	B-G-1	R00009976			MT	19781103	PASS	YES			
		B1. 8	R00009976	SWRI190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWRI190006	SQ-50	UT-42	19781105	PASS	YES			
RVNUT-05	CH BLTG	B-G-1	R00009976			MT	19781103	PASS	YES			
		B1. 8	R00009976	SWRI190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWRI190009	SQ-50	UT-42	19781105	PASS	YES			
RVNUT-06	CH BLTG	B-G-1	R00009976			MT	19781103	PASS	YES			
		B1. 8	R00009976	SWRI190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWRI190008	SQ-50	UT-42	19781103	PASS	YES			
RVNUT-07	CH BLTG	B-G-1	R00009976			MT	19781103	PASS	YES			
		B1. 8	R00009976	SWRI190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWRI190008	SQ-50	UT-42	19781103	PASS	YES			
RVNUT-08	CH BLTG	B-G-1	R00009976			MT	19781103	PASS	YES			
		B1. 8	R00009976	SWRI190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWRI190009	SQ-50	UT-42	19781105	PASS	YES			
RVNUT-09	CH BLTG	B-G-1	R00009976			MT	19781103	PASS	YES			
		B1. 8										

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
RVNUT-09	CH BLTG	B-G-1	R00009976	SWR1190005	SQ-50	UT-0	19781105	PASS	YES			
		B1. 8	R00009976	SWR1190007	SQ-50	UT-42	19781105	PASS	YES			
RVNUT-10	CH BLTG	B-G-1	R00009976			MT	19781104	ENGR	YES			
		B1. 8	R00009976	SWR1190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWR1190008	SQ-50	UT-42	19781103	PASS	YES			
RVNUT-11	CH BLTG	B-G-1	R00009976			MT	19781103	PASS	YES			
		B1. 8	R00009976	SWR1190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWR1190007	SQ-50	UT-42	19781105	PASS	YES			
RVNUT-12	CH BLTG	B-G-1	R00009976			MT	19781103	PASS	YES			
		B1. 8	R00009976	SWR1190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWR1190008	SQ-50	UT-42	19781103	PASS	YES			
RVNUT-13	CH BLTG	B-G-1	R00009976			MT	19781103	PASS	YES			
		B1. 8	R00009976	SWR1190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWR1190008	SQ-50	UT-42	19781103	PASS	YES			
RVNUT-14	CH BLTG	B-G-1	R00009976			MT	19781103	PASS	YES			
		B1. 8	R00009976	SWR1190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWR1190006	SQ-50	UT-42	19781105	PASS	YES			
RVNUT-15	CH BLTG	B-G-1	R00009976			MT	19781104	ENGR	YES			
		B1. 8	R00009976	SWR1190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWR1190008	SQ-50	UT-42	19781103	PASS	YES			
RVNUT-16	CH BLTG	B-G-1	R00009976			MT	19781103	PASS	YES			
		B1. 8	R00009976	SWR1190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWR1190008	SQ-50	UT-42	19781103	PASS	YES			
RVNUT-17	CH BLTG	B-G-1	R00009976			MT	19781103	PASS	YES			
		B1. 8										

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RVNUT-17	CH BLTG	B-G-1	R00009976	SWR1190005	SQ-50	UT-0	19781105	PASS	YES			
		B1. 8	R00009976	SWR1190008	SQ-50	UT-42	19781103	PASS	YES			
RVNUT-18	CH BLTG	B-G-1	R00009976			MT	19781103	PASS	YES			
		B1. 8	R00009976	SWR1190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWR1190006	SQ-50	UT-42	19781105	PASS	YES			
RVNUT-19	CH BLTG	B-G-1	R00009976			MT	19781104	ENGR	YES			
		B1. 8	R00009976	SWR1190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWR1190009	SQ-50	UT-42	19781105	PASS	YES			
RVNUT-20	CH BLTG	B-G-1	R00009976			MT	19781103	PASS	YES			
		B1. 8	R00009976	SWR1190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWR1190007	SQ-50	UT-42	19781105	PASS	YES			
RVNUT-21	CH BLTG	B-G-1	R00009976			MT	19781103	PASS	YES			
		B1. 8	R00009976	SWR1190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWR1190009	SQ-50	UT-42	19781105	PASS	YES			
RVNUT-22	CH BLTG	B-G-1	R00009976			MT	19781103	PASS	YES			
		B1. 8	R00009976	SWR1190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWR1190006	SQ-50	UT-42	19781105	PASS	YES			
RVNUT-23	CH BLTG	B-G-1	R00009976			MT	19781104	ENGR	YES			
		B1. 8	R00009976	SWR1190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWR1190007	SQ-50	UT-42	19781105	PASS	YES			
RVNUT-24	CH BLTG	B-G-1	R00009976			MT	19781104	ENGR	YES			
		B1. 8	R00009976	SWR1190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWR1190009	SQ-50	UT-42	19781105	PASS	YES			
RVNUT-25	CH BLTG	B-G-1	R00009976			MT	19781102	PASS	YES			
		B1. 8										

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RVNUT-25	CH BLTG	B-G-1	R00009976	SWRI190005	SQ-50	UT-0	19781105	PASS	YES			
		B1. 8	R00009976	SWRI190007	SQ-50	UT-42	19781105	PASS	YES			
RVNUT-26	CH BLTG	B-G-1	R00009976			MT	19781104	ENGR	YES			
		B1. 8	R00009976	SWRI190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWRI190009	SQ-50	UT-42	19781105	PASS	YES			
RVNUT-27	CH BLTG	B-G-1	R00009976			MT	19781104	ENGR	YES			
		B1. 8	R00009976	SWRI190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWRI190008	SQ-50	UT-42	19781103	PASS	YES			
RVNUT-28	CH BLTG	B-G-1	R00009976			MT	19781103	PASS	YES			
		B1. 8	R00009976	SWRI190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWRI190007	SQ-50	UT-42	19781105	PASS	YES			
RVNUT-29	CH BLTG	B-G-1	R00009976			MT	19781103	PASS	YES			
		B1. 8	R00009976	SWRI190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWRI190007	SQ-50	UT-42	19781105	PASS	YES			
RVNUT-30	CH BLTG	B-G-1	R00009976			MT	19781103	PASS	YES			
		B1. 8	R00009976	SWRI190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWRI190007	SQ-50	UT-42	19781105	PASS	YES			
RVNUT-31	CH BLTG	B-G-1	R00009976			MT	19781104	ENGR	YES			
		B1. 8	R00009976	SWRI190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWRI190006	SQ-50	UT-42	19781105	PASS	YES			
RVNUT-32	CH BLTG	B-G-1	R00009976			MT	19781104	ENGR	YES			
		B1. 8	R00009976	SWRI190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWRI190006	SQ-50	UT-42	19781105	PASS	YES			
RVNUT-33	CH BLTG	B-G-1	R00009976			MT	19781103	PASS	YES			
		B1. 8										

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RVNUT-33	CH BLTG	B-G-1 B1. 8	R00009976	SWRI190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWRI190007	SQ-50	UT-42	19781105	PASS	YES			
RVNUT-34	CH BLTG	B-G-1 B1. 8	R00009976			MT	19781104	ENGR	YES			
			R00009976	SWRI190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWRI190006	SQ-50	UT-42	19781105	PASS	YES			
RVNUT-35	CH BLTG	B-G-1 B1. 8	R00009976			MT	19781103	PASS	YES			
			R00009976	SWRI190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWRI190009	SQ-50	UT-42	19781105	PASS	YES			
RVNUT-36	CH BLTG	B-G-1 B1. 8	R00009976			MT	19781104	ENGR	YES			
			R00009976	SWRI190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWRI190008	SQ-50	UT-42	19781103	PASS	YES			
RVNUT-37	CH BLTG	B-G-1 B1. 8	R00009976			MT	19781104	ENGR	YES			
			R00009976	SWRI190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWRI190006	SQ-50	UT-42	19781105	PASS	YES			
RVNUT-38	CH BLTG	B-G-1 B1. 8	R00009976			MT	19781103	PASS	YES			
			R00009976	SWRI190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWRI190007	SQ-50	UT-42	19781105	PASS	YES			
RVNUT-39	CH BLTG	B-G-1 B1. 8	R00009976			MT	19781104	ENGR	YES			
			R00009976	SWRI190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWRI190008	SQ-50	UT-42	19781103	PASS	YES			
RVNUT-40	CH BLTG	B-G-1 B1. 8	R00009976			MT	19781104	ENGR	YES			
			R00009976	SWRI190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWRI190008	SQ-50	UT-42	19781103	PASS	YES			
RVNUT-41	CH BLTG	B-G-1 B1. 8	R00009976			MT	19781104	ENGR	YES			

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RVNUT-41	CH BLTG	B-G-1	R00009976	SWRI190005	SQ-50	UT-0	19781105	PASS	YES			
		B1. 8	R00009976	SWRI190008	SQ-50	UT-42	19781103	PASS	YES			
RVNUT-42	CH BLTG	B-G-1	R00009976			MT	19781104	ENGR	YES			
		B1. 8	R00009976	SWRI190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWRI190006	SQ-50	UT-42	19781105	PASS	YES			
RVNUT-43	CH BLTG	B-G-1	R00009976			MT	19781104	ENGR	YES			
		B1. 8	R00009976	SWRI190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWRI190008	SQ-50	UT-42	19781103	PASS	YES			
RVNUT-44	CH BLTG	B-G-1	R00009976			MT	19781104	ENGR	YES			
		B1. 8	R00009976	SWRI190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWRI190008	SQ-50	UT-42	19781103	PASS	YES			
RVNUT-45	CH BLTG	B-G-1	R00009976			MT	19781104	ENGR	YES			
		B1. 8	R00009976	SWRI190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWRI190009	SQ-50	UT-42	19781105	PASS	YES			
RVNUT-46	CH BLTG	B-G-1	R00009976			MT	19781104	ENGR	YES			
		B1. 8	R00009976	SWRI190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWRI190006	SQ-50	UT-42	19781105	PASS	YES			
RVNUT-47	CH BLTG	B-G-1	R00009976			MT	19781103	PASS	YES			
		B1. 8	R00009976	SWRI190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWRI190009	SQ-50	UT-42	19781105	PASS	YES			
RVNUT-48	CH BLTG	B-G-1	R00009976			MT	19781104	ENGR	YES			
		B1. 8	R00009976	SWRI190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWRI190009	SQ-50	UT-42	19781105	PASS	YES			
RVNUT-49	CH BLTG	B-G-1	R00009976			MT	19781104	ENGR	YES			
		B1. 8										

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RVNUT-49	CH BLTG	B-G-1	R00009976	SWRI190005	SQ-50	UT-0	19781105	PASS	YES			
		B1. 8	R00009976	SWRI190008	SQ-50	UT-42	19781103	PASS	YES			
RVNUT-50	CH BLTG	B-G-1	R00009976			MT	19781104	ENGR	YES			
		B1. 8	R00009976	SWRI190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWRI190008	SQ-50	UT-42	19781103	PASS	YES			
RVNUT-51	CH BLTG	B-G-1	R00009976			MT	19781104	ENGR	YES			
		B1. 8	R00009976	SWRI190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWRI190009	SQ-50	UT-42	19781105	PASS	YES			
RVNUT-52	CH BLTG	B-G-1	R00009976			MT	19781104	ENGR	YES			
		B1. 8	R00009976	SWRI190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWRI190009	SQ-50	UT-42	19781105	PASS	YES			
RVNUT-53	CH BLTG	B-G-1	R00009976			MT	19781104	ENGR	YES			
		B1. 8	R00009976	SWRI190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWRI190008	SQ-50	UT-42	19781103	PASS	YES			
RVNUT-54	CH BLTG	B-G-1	R00009976			MT	19781104	ENGR	YES			
		B1. 8	R00009976	SWRI190005	SQ-50	UT-0	19781105	PASS	YES			
			R00009976	SWRI190006	SQ-50	UT-42	19781105	PASS	YES			
RVSTUD-01	CH BLTG	B-G-1	R00009977			MT	19781029	PASS	YES			
		B1. 8	R00009977			MT	19931013	PASS	YES			
			R00009977	SWRI190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-02	CH BLTG	B-G-1	R00009977			MT	19781029	PASS	YES			
		B1. 8	R00009977			MT	19931013	PASS	YES			
			R00009977	SWRI190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-03	CH BLTG	B-G-1	R00009977			MT	19781031	PASS	YES			
		B1. 8										

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RVSTUD-03	CH BLTG	B-G-1	R00009977			MT	19931013	PASS	YES			
		B1. 8	R00009977	SWR1190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-04	CH BLTG	B-G-1	R00009977			MT	19781030	ENGR	YES			
		B1. 8	R00009977			MT	19931013	PASS	YES			
			R00009977	SWR1190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-05	CH BLTG	B-G-1	R00009977			MT	19781030	ENGR	YES			
		B1. 8	R00009977			MT	19931013	PASS	YES			
			R00009977	SWR1190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-06	CH BLTG	B-G-1	R00009977			MT	19781030	ENGR	YES			
		B1. 8	R00009977			MT	19931013	PASS	YES			
			R00009977	SWR1190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-07	CH BLTG	B-G-1	R00009977			MT	19781030	ENGR	YES			
		B1. 8	R00009977	SWR1190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-08	CH BLTG	B-G-1	R00009977			MT	19781030	ENGR	YES			
		B1. 8	R00009977	SWR1190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-09	CH BLTG	B-G-1	R00009977			MT	19781030	ENGR	YES			
		B1. 8	R00009977	SWR1190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-10	CH BLTG	B-G-1	R00009977			MT	19781030	ENGR	YES			
		B1. 8	R00009977	SWR1190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-11	CH BLTG	B-G-1	R00009977			MT	19781031	ENGR	YES			
		B1. 8	R00009977	SWR1190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-12	CH BLTG	B-G-1	R00009977			MT	19781029	ENGR	YES			
		B1. 8										

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RVSTUD-12	CH BLTG	B-G-1 B1. 8	R00009977	SWRI190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-13	CH BLTG	B-G-1 B1. 8	R00009977 R00009977	SWRI190015	SQ-52	MT UT-60	19781102 19781115	PASS PASS	YES YES			
RVSTUD-14	CH BLTG	B-G-1 B1. 8	R00009977 R00009977	SWRI190015	SQ-52	MT UT-60	19781030 19781115	ENGR PASS	YES YES			
RVSTUD-15	CH BLTG	B-G-1 B1. 8	R00009977 R00009977	SWRI190015	SQ-52	MT UT-60	19781101 19781115	PASS PASS	YES YES			
RVSTUD-16	CH BLTG	B-G-1 B1. 8	R00009977 R00009977	SWRI190015	SQ-52	MT UT-60	19781101 19781115	PASS PASS	YES YES			
RVSTUD-17	CH BLTG	B-G-1 B1. 8	R00009977 R00009977	SWRI190015	SQ-52	MT UT-60	19781101 19781115	PASS PASS	YES YES			
RVSTUD-18	CH BLTG	B-G-1 B1. 8	R00009977 R00009977	SWRI190015	SQ-52	MT UT-60	19781101 19781115	PASS PASS	YES YES			
RVSTUD-19	CH BLTG	B-G-1 B1. 8	R00009977 R00009977 R00009977	SWRI190015	SQ-52	MT MT UT-60	19781101 19840514 19781115	PASS PASS PASS	YES YES YES			
RVSTUD-20	CH BLTG	B-G-1 B1. 8	R00009977 R00009977	SWRI190015	SQ-52	MT UT-60	19781031 19781115	ENGR PASS	YES YES			
RVSTUD-21	CH BLTG	B-G-1 B1. 8	R00009977 R00009977	SWRI190015	SQ-52	MT UT-60	19781031 19781115	ENGR PASS	YES YES			
RVSTUD-22	CH BLTG	B-G-1 B1. 8	R00009977			MT	19781028	PASS	YES			

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RVSTUD-22	CH BLTG	B-G-1 B1. 8	R00009977	SWRI190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-23	CH BLTG	B-G-1	R00009977			MT	19781028	PASS	YES			
		B1. 8	R00009977	SWRI190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-24	CH BLTG	B-G-1	R00009977			MT	19781130	PASS	YES			
		B1. 8	R00009977	SWRI190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-25	CH BLTG	B-G-1	R00009977			MT	19781130	PASS	YES			
		B1. 8	R00009977	SWRI190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-26	CH BLTG	B-G-1	R00009977			MT	19781030	ENGR	YES			
		B1. 8	R00009977	SWRI190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-27	CH BLTG	B-G-1	R00009977			MT	19781030	ENGR	YES			
		B1. 8	R00009977	SWRI190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-28	CH BLTG	B-G-1	R00009977			MT	19781115	ENGR	YES			
		B1. 8	R00009977	SWRI190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-29	CH BLTG	B-G-1	R00009977			MT	19781031	ENGR	YES			
		B1. 8	R00009977	SWRI190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-30	CH BLTG	B-G-1	R00009977			MT	19781031	ENGR	YES			
		B1. 8	R00009977	SWRI190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-31	CH BLTG	B-G-1	R00009977			MT	19781031	ENGR	YES			
		B1. 8	R00009977	SWRI190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-32	CH BLTG	B-G-1 B1. 8	R00009977			MT	19781031	ENGR	YES			

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RVSTUD-32	CH BLTG	B-G-1 B1. 8	R00009977	SWRI190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-33	CH BLTG	B-G-1	R00009977			MT	19781031	ENGR	YES			
		B1. 8	R00009977	SWRI190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-34	CH BLTG	B-G-1	R00009977			MT	19781101	PASS	YES			
		B1. 8	R00009977	SWRI190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-35	CH BLTG	B-G-1	R00009977			MT	19781101	PASS	YES			
		B1. 8	R00009977	SWRI190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-36	CH BLTG	B-G-1	R00009977			MT	19781031	ENGR	YES			
		B1. 8	R00009977	SWRI190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-37	CH BLTG	B-G-1	R00009977			MT	19781030	ENGR	YES			
		B1. 8	R00009977	SWRI190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-38	CH BLTG	B-G-1	R00009977			MT	19781031	ENGR	YES			
		B1. 8	R00009977	SWRI190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-39	CH BLTG	B-G-1	R00009977			MT	19781101	PASS	YES			
		B1. 8	R00009977	SWRI190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-40	CH BLTG	B-G-1	R00009977			MT	19781030	ENGR	YES			
		B1. 8	R00009977	SWRI190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-41	CH BLTG	B-G-1	R00009977			MT	19781030	ENGR	YES			
		B1. 8	R00009977	SWRI190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-42	CH BLTG	B-G-1 B1. 8	R00009977			MT	19781030	ENGR	YES			

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RVSTUD-42	CH BLTG	B-G-1 B1. 8	R00009977	SWRI190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-43	CH BLTG	B-G-1	R00009977			MT	19781030	ENGR	YES			
		B1. 8	R00009977	SWRI190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-44	CH BLTG	B-G-1	R00009977			MT	19781029	ENGR	YES			
		B1. 8	R00009977	SWRI190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-45	CH BLTG	B-G-1	R00009977			MT	19781030	ENGR	YES			
		B1. 8	R00009977	SWRI190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-46	CH BLTG	B-G-1	R00009977			MT	19781031	ENGR	YES			
		B1. 8	R00009977	SWRI190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-47	CH BLTG	B-G-1	R00009977			MT	19781029	ENGR	YES			
		B1. 8	R00009977	SWRI190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-48	CH BLTG	B-G-1	R00009977			MT	19781029	ENGR	YES			
		B1. 8	R00009977	SWRI190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-49	CH BLTG	B-G-1	R00009977			MT	19781029	ENGR	YES			
		B1. 8	R00009977	SWRI190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-50	CH BLTG	B-G-1	R00009977			MT	19781029	ENGR	YES			
		B1. 8	R00009977	SWRI190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-51	CH BLTG	B-G-1	R00009977			MT	19781029	ENGR	YES			
		B1. 8	R00009977	SWRI190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-52	CH BLTG	B-G-1 B1. 8	R00009977			MT	19781029	ENGR	YES			

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RVSTUD-52	CH BLTG	B-G-1 B1. 8	R00009977	SWRI190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-53	CH BLTG	B-G-1	R00009977			MT	19781029	ENGR	YES			
		B1. 8	R00009977	SWRI190015	SQ-52	UT-60	19781115	PASS	YES			
RVSTUD-54	CH BLTG	B-G-1	R00009977			MT	19781029	ENGR	YES			
		B1. 8	R00009977	SWRI190015	SQ-52	UT-60	19781115	PASS	YES			
RVWASHER-01	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-02	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-03	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-04	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-05	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-06	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-07	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-08	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			

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RVWASHER-09	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-10	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-11	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-12	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-13	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-14	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-15	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-16	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-17	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-18	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19821221	PASS	YES			
RVWASHER-19	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			

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RVWASHER-20	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-21	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-22	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-23	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-24	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-25	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-26	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-27	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-28	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-29	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-30	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			

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RVWASHER-31	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-32	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-33	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-34	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-35	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-36	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-37	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-38	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-39	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-40	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-41	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			

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RVWASHER-42	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-43	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-44	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-45	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-46	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-47	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-48	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-49	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-50	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-51	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-52	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			

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RVWASHER-53	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			
RVWASHER-54	CH BLTG	B-G-1 B1.10	R00003211			VT-1	19831221	PASS	YES			

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N11-SE	SAFEEND -VES NOZ	B-F B1. 6	R00009939			PT	19781031	PASS	YES			
			R00009939			PT	19781112	PASS	YES			
			R00009939	SWR1570036	SQ-48	UT-0	19781106	PASS	YES			
			R00009939	SWR1570041		UT-0	19781107	PASS	YES			
			R00009939	SWR1570039	BNP-79	UT-45	19781107	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009939	SWR1570037	SQ-48	UT-45	19781107	PASS	YES			
			R00009939	SWR1570038	SQ-48	UT-45	19781107	PASS	YES			
			R00009939	SWR1570040	BNP-79	UT-60	19781107	PASS	YES			
N12-SE	SAFEEND -VES NOZ	B-F B1. 6	R00009942	SWR1570036	SQ-48	UT-0	19781106	PASS	YES			
			R00009942	SWR1570041		UT-0	19781107	PASS	YES			
			R00009942	SWR1570039	BNP-79	UT-45	19781107	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009942	SWR1570037	SQ-48	UT-45	19781106	PASS	YES			
			R00009942	SWR1570038	SQ-48	UT-45	19781107	PASS	YES			
			R00009942	SWR1570040	BNP-79	UT-60	19781107	PASS	YES			
N13-SE	SAFEEND -VES NOZ	B-F B1. 6	R00009945			PT	19781031	PASS	YES			
			R00009945			PT	19781110	PASS	YES			
			R00009945	SWR1570036	SQ-48	UT-0	19781106	PASS	YES			
			R00009945	SWR1570041		UT-0	19781107	PASS	YES			
			R00009945	SWR1570039	BNP-79	UT-45	19781107	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009945	SWR1570037	SQ-48	UT-45	19781107	PASS	YES			
			R00009945	SWR1570038	SQ-48	UT-45	19781107	PASS	YES			
			R00009945	SWR1570040	BNP-79	UT-60	19781107	PASS	YES			
N14-SE	SAFEEND -VES NOZ	B-F B1. 6	R00009948	SWR1570036	SQ-48	UT-0	19781106	PASS	YES			
			R00009948	SWR1570041		UT-0	19781107	PASS	YES			
			R00009948	SWR1570039	BNP-79	UT-45	19781107	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009948	SWR1570037	SQ-48	UT-45	19781106	PASS	YES			
			R00009948	SWR1570038	SQ-48	UT-45	19781107	PASS	YES			
			R00009948	SWR1570040	BNP-79	UT-60	19781107	PASS	YES		GEOMETRIC	NON-RELEVANT

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N15-SE	VES NOZ -SAFEEND	B-F B1. 6	R00009951			PT	19781031	PASS	YES			
			R00009951	SWR1570036	SQ-48	UT-0	19781106	PASS	NO	ISI-04		
			R00009951	SWR1570036		UT-0	19781106	PASS	NO	ISI-04		
			R00009954	SWR1570041		UT-0	19781107	PASS	NO	ISI-04		
			R00009951	SWR1570039	BNP-79	UT-45	19781107	PASS	NO	ISI-04	GEOMETRIC	NON-RELEVANT
			R00009951	SWR1570037	SQ-48	UT-45	19781107	PASS	NO	ISI-04		
			R00009951	SWR1570038	SQ-48	UT-45	19781107	PASS	NO	ISI-04		
			R00009951	SWR1570040	BNP-79	UT-60	19781107	PASS	NO	ISI-04		
N16-SE	VES NOZ -SAFEEND	B-F B1. 6	R00009954	SWR1570036	SQ-48	UT-0	19781106	PASS	NO	ISI-04		
			R00009954	SWR1570041		UT-0	19781107	PASS	NO	ISI-04		
			R00009954	SWR1570039	BNP-79	UT-45	19781107	PASS	NO	ISI-04	GEOMETRIC	NON-RELEVANT
			R00009954	SWR1570037	SQ-48	UT-45	19781107	PASS	NO	ISI-04		
			R00009954	SWR1570038	SQ-48	UT-45	19781107	PASS	NO	ISI-04		
			R00009954	SWR1570040	BNP-79	UT-60	19781107	PASS	NO	ISI-04		
N17-SE	VES NOZ -SAFEEND	B-F B1. 6	R00009957	SWR1570036	SQ-48	UT-0	19781106	PASS	NO	ISI-04		
			R00009957	SWR1570041		UT-0	19781107	PASS	NO	ISI-04		
			R00009957	SWR1570039	BNP-79	UT-45	19781107	PASS	NO	ISI-04	GEOMETRIC	NON-RELEVANT
			R00009957	SWR1570037	SQ-48	UT-45	19781106	PASS	NO	ISI-04		
			R00009957	SWR1570038	SQ-48	UT-45	19781107	PASS	NO	ISI-04		
			R00009957	SWR1570040	BNP-79	UT-60	19781107	PASS	NO	ISI-04		
N18-SE	VES NOZ -SAFEEND	B-F B1. 6	R00009960			PT	19781031	PASS	YES			
			R00009960	SWR1570036	SQ-48	UT-0	19781106	PASS	NO	ISI-04		
			R00009960	SWR1570041		UT-0	19781107	PASS	NO	ISI-04		
			R00009960	SWR1570039	BNP-79	UT-45	19781107	PASS	NO	ISI-04	GEOMETRIC	NON-RELEVANT
			R00009960	SWR1570037	SQ-48	UT-45	19781106	PASS	NO	ISI-04		
			R00009960	SWR1570038	SQ-48	UT-45	19781107	PASS	NO	ISI-04		
			R00009960	SWR1570040	BNP-79	UT-60	19781107	PASS	NO	ISI-04		

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RCF-B1-1	ELBOW	B-J	R00009948	SWR1570036	SQ-48	UT-0	19781106	PASS	NO			
	-SAFEEND	B4. 5C	R00009948	SWR1570037	SQ-48	UT-45	19781106	PASS	NO			
			R00009948	SWR1570038	SQ-48	UT-45	19781107	PASS	NO			
RCF-B2-1	ELBOW	B-J	R00009942	SWR1570036	SQ-48	UT-0	19781106	PASS	YES			
	-SAFEEND	B4. 5C	R00009942	SWR1570037	SQ-48	UT-45	19781106	PASS	YES			
			R00009942	SWR1570038	SQ-48	UT-45	19781107	PASS	YES			
RCF-B3-1	ELBOW	B-J	R00009945	SWR1570036	SQ-48	UT-0	19781106	PASS	YES			
	-SAFEEND	B4. 5C	R00009945	SWR1570037	SQ-48	UT-45	19781107	PASS	YES			
			R00009945	SWR1570038	SQ-48	UT-45	19781107	PASS	YES			
RCF-B4-1	ELBOW	B-J	R00009939	SWR1570036	SQ-48	UT-0	19781106	PASS	YES			
	-SAFEEND	B4. 5C	R00009939	SWR1570037	SQ-48	UT-45	19781107	PASS	YES			
			R00009939	SWR1570038	SQ-48	UT-45	19781107	PASS	YES			
RCF-D1-1	SAFEEND	B-J	R00009960	SWR1570036	SQ-48	UT-0	19781106	PASS	YES			
	-PIPE	B4. 5C	R00009960	SWR1570037	SQ-48	UT-45	19781106	PASS	YES			
			R00009960	SWR1570038	SQ-48	UT-45	19781107	PASS	YES			
RCF-D1-2	RED ELB	B-J	R00002516			PT	19821022	PASS	YES			
	-SAFEEND	B4. 5C										
RCF-D2-1	SAFEEND	B-J	R00009957	SWR1570036	SQ-48	UT-0	19781106	PASS	NO	ISI-04		
	-PIPE	B4. 5C	R00009957	SWR1570037	SQ-48	UT-45	19781106	PASS	NO	ISI-04		
			R00009957	SWR1570038	SQ-48	UT-45	19781107	PASS	NO	ISI-04		
RCF-D2-2	RED ELB	B-J	R00002508			PT	19821020	FAIL	YES		SURF, LINEAR IND. RMVD.	
	-SAFEEND	B4. 5C	R00002508A			PT	19821102	PASS	YES			
RCF-D4-1	SAFEEND	B-J	R00009954	SWR1570036	SQ-48	UT-0	19781106	PASS	NO	ISI-04		
	-PIPE	B4. 5C										

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RCF-D4-1	SAFEEND	B-J	R00009954	SWR1570037	SQ-48	UT-45	19781107	PASS	NO	ISI-04		
	-PIPE	B4. 5C	R00009954	SWR1570038	SQ-48	UT-45	19781107	PASS	NO	ISI-04		
RCF-D5-1	SAFEEND	B-J	R00009951	SWR1570036	SQ-48	UT-0	19781106	PASS	NO	ISI-04		
	-PIPE	B4. 5C	R00009951	SWR1570037	SQ-48	UT-45	19781107	PASS	NO	ISI-04		
			R00009951	SWR1570038	SQ-48	UT-45	19781107	PASS	NO	ISI-04		
RCF-F2-1	SAFEEND	B-J	R00002507			PT	19821020	PASS	YES			
	-ELBOW	B4. 5C										
RCF-F3-1	SAFEEND	B-J	R00002512			PT	19821022	PASS	YES			
	-ELBOW	B4. 5C										
RCF-F4-1	SAFEEND	B-J	R00002531			PT	19821028	FAIL	YES		SURF, LINEAR IND. RMVD.	
	-ELBOW	B4. 5C	R00002531A			PT	19821029	PASS	YES			
RCS-P-1	PIPE	B-J	R00001979			PT	19811230	PASS	YES			
	-BR CONN	B4. 6										
RCS-1-4	PIPE	B-J	R00004620			PT	19841213	PASS	YES			
	-ELBOW	B4. 5C										
RCS-1-5	PIPE	B-J	R00003489			PT	19840601	PASS	YES			
	-BR CONN	B4. 6										
RCS-1-6	BR CONN	B-J	R00001977			PT	19811230	PASS	YES		WELD SPAT. REMOVED	
	-PIPE	B4. 7										
RCS-2-4	PIPE	B-J	R00004618			PT	19841213	FAIL	YES		SURF, LINEAR IND. RMVD.	
	-ELBOW	B4. 5C	R00004661			PT	19841221	PASS	YES			
RCS-2-5	PIPE	B-J	R00001980			PT	19811230	PASS	YES			
	-BR CONN	B4. 6										

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RCS-2-6	PIPE -BR CONN	B-J B4. 7	R00001978			PT	19811230	PASS	YES		ARC STRIKE	REMOVED
RCS-3-4	PIPE -ELBOW	B-J B4. 5C	R00004617			PT	19841213	PASS	YES			
RCS-3-5	PIPE -BR CONN	B-J B4. 6	R00001981			PT	19811230	PASS	YES			
RCS-3-6	PIPE -BR CONN	B-J B4. 7	R00001982			PT	19811230	PASS	YES		ARC STRIKE	ANAL OK ACCP
RCS-4-4	PIPE -ELBOW	B-J B4. 5C	R00004619			PT	19841213	PASS	YES			
RCS-4-6	PIPE -BR CONN	B-J B4. 6	R00001976			PT	19811230	PASS	YES			

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1-TW-68-01	BR CONN	B-J B4. 7	R00001845			PT	19811017	PASS	YES			
1-TW-68-01C	BR CONN	B-J B4. 7	R00001844			PT	19811017	PASS	YES			
1-TW-68-18	BR CONN	B-J B4. 7	R00001843			PT	19811017	PASS	YES			
1-TW-68-24	BR CONN	B-J B4. 7	R00001850			PT	19811017	PASS	YES			
1-TW-68-24C	BR CONN	B-J B4. 7	R00001842			PT	19811017	PASS	YES			
1-TW-68-31B	BR CONN	B-J B4. 7	R00002960			PT	19830909	PASS	YES			
1-TW-68-41	BR CONN	B-J B4. 7	R00001847			PT	19811017	PASS	YES			
1-TW-68-43	BR CONN	B-J B4. 7	R00001839			PT	19811017	PASS	YES			
1-TW-68-43C	BR CONN	B-J B4. 7	R00001841			PT	19811017	PASS	YES			
1-TW-68-60	BR CONN	B-J B4. 7	R00001849			PT	19811017	PASS	YES			
1-TW-68-65	BR CONN	B-J B4. 7	R00001846			PT	19811017	PASS	YES			

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1-TW-68-65C	BR CONN	B-J B4. 7	R00001848			PT	19811017	PASS	YES			
1-TW-68-83	BR CONN	B-J B4. 7	R00001840			PT	19811017	PASS	YES			

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RCW-03	BR CONN -PIPE	B-J B4. 7	R00001546			PT	19810924	PASS	YES			
RCW-04	BR CONN -PIPE	B-J B4. 7	R00001547			PT	19810924	PASS	YES			
RCW-05	BR CONN -PIPE	B-J B4. 7	R00001548			PT	19810924	PASS	YES			
RCW-06	BR CONN -PIPE	B-J B4. 7	R00001549			PT	19810924	PASS	YES			
RCW-07	BR CONN -WELDOLT	B-J B4. 7	R00001925			PT	19811214	PASS	YES			
RCW-08	BR CONN -WELDOLT	B-J B4. 7	R00001926			PT	19811214	PASS	YES			
RCW-09	BR CONN -WELDOLT	B-J B4. 7	R00001927			PT	19811214	PASS	YES			
RCW-10	BR CONN -WELDOLT	B-J B4. 7	R00001928			PT	19811214	PASS	YES			

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RCF-D1-2-SE	SAFEEND -VES NOZ	B-F B3. 3	R00002814 R00002980			PT PT	19830307 19830922	FAIL PASS	YES YES		SURF, LINEAR	IND. RMVD.
RCF-D2-2-SE	SAFEEND -VES NOZ	B-F B3. 3	R00002817			PT	19830308	PASS	YES			
RCF-D4-2-SE	SAFEEND -VES NOZ	B-F B3. 3	R00002820 R00002988			PT PT	19830309 19830922	FAIL PASS	YES YES		SURF, LINEAR	IND. RMVD.
RCF-D5-2-SE	SAFEEND -VES NOZ	B-F B3. 3	R00002811 R00002989			PT PT	19830304 19830922	FAIL PASS	YES YES		SURF, LINEAR	IND. RMVD.
RCF-F1-1-SE	VES NOZ -SAFEEND	B-F B3. 3	R00002813			PT	19830307	PASS	YES			
RCF-F2-1-SE	VES NOZ -SAFEEND	B-F B3. 3	R00002822			PT	19830310	PASS	YES			
RCF-F3-1-SE	VES NOZ -SAFEEND	B-F B3. 3	R00002821			PT	19830309	PASS	YES			
RCF-F4-1-SE	VES NOZ -SAFEEND	B-F B3. 3	R00002812			PT	19830304	PASS	YES			
SG-1-C-IR	VES NIR	B-D B3. 2	R00005082	C00000769	SQ-59	UT-35L	19900220	PASS	YES			
SG-1-H-IR	VES NIR	B-D B3. 2	R00005081	C00000769	SQ-59	UT-35L	19900220	PASS	YES			
SG-1-2-1	VES HD -VTUBSHT	B-B B3. 1C	R00002080	C00000518	SQ-49	UT-0	19820218	PASS	YES			

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SG-1-2-1	VES HD	B-B	R00002087	C00000522	SQ-49	UT-45	19820222	ENGR	YES		SUBSURF, LIN	<CODE SIZE
	-VTUBSHT	B3. 1C	R00002115	C00000537	SQ-49	UT-60	19820304	PASS	YES		SUBSURF, ROU	AMP < REF
SG-1-2-2	VES HD	B-B	R00002081	C00000519	SQ-49	UT-0	19820219	PASS	YES			
	-VTUBSHT	B3. 1C	R00002106	C00000534	SQ-49	UT-45	19820303	PASS	YES		SUBSURF, ROU	AMP < REF
			R00002124	C00000542	SQ-49	UT-60	19820309	PASS	YES			
SG-1-2-3	VES HD	B-B	R00002082	C00000519	SQ-49	UT-0	19820219	PASS	YES			
	-VTUBSHT	B3. 1C	R00002101	C00000532	SQ-49	UT-45	19820302	PASS	YES			
			R00002119	C00000539	SQ-49	UT-60	19820308	PASS	YES			
SG-1-2-4	VES HD	B-B	R00002079	C00000518	SQ-49	UT-0	19820218	PASS	YES			
	-VTUBSHT	B3. 1C	R00002100	C00000531	SQ-49	UT-45	19820223	PASS	YES		SUBSURF, ROU	AMP < REF
			R00002116	C00000538	SQ-49	UT-60	19820305	PASS	YES		SUBSURF, ROU	AMP < REF
SG-2-C-IR	VES NIR	B-D B3. 2	R00005077	C00000767	SQ-59	UT-35L	19900212	PASS	YES			
SG-2-H-IR	VES NIR	B-D B3. 2	R00005078	C00000767	SQ-59	UT-35L	19900212	PASS	YES			
SG-2-3-1	VTUBSHT	C-A	R00000516	C00000151	SQ-40	UT-0	19790724	PASS	YES			
	-VES SHL	C1.1	R00000516	C00000153	SQ-40	UT-45	19790725	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00000525	C00000157	SQ-40	UT-60	19790727	PASS	YES		GEOMETRIC	NON-RELEVANT
SG-3-C-IR	VES NIR	B-D B3. 2	R00005080	C00000768	SQ-59	UT-35L	19900215	PASS	YES			
SG-3-H-IR	VES NIR	B-D B3. 2	R00005079	C00000768	SQ-59	UT-35L	19900215	PASS	YES			
SG-3-4A-2	VES SHL	C-A	R00000515	C00000151	SQ-40	UT-0	19790724	PASS	YES			
	-VES SHL	C1.1										

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SG-3-4A-2	VES SHL	C-A	R00000515	C00000155	SQ-40	UT-45	19790727	PASS	YES			
	-VES SHL	C1.1	R00000527	C00000157	SQ-40	UT-60	19790727	PASS	YES			
SG-4-C-IR	VES NIR	B-D B3. 2	R00005084	C00000769	SQ-59	UT-35L	19900220	PASS	YES			
SG-4-H-IR	VES NIR	B-D B3. 2	R00005083	C00000769	SQ-59	UT-35L	19900220	PASS	YES			
SG-4B-5-1	VES SHL	C-A	R00000523	C00000156	BNP-82	UT-0	19790730	PASS	YES			
	-VES SHL	C1.1	R00000523	C00000160	BNP-82	UT-45	19790731	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00000531	C00000166	BNP-82	UT-60	19790803	PASS	YES		GEOMETRIC	NON-RELEVANT
SG-5-6A-3	VES SHL	C-A	R00000518	C00000156	BNP-82	UT-0	19790730	PASS	YES			
	-VES SHL	C1.1	R00000518	C00000161	BNP-82	UT-45	19790801	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00000528	C00000165	BNP-82	UT-60	19790802	PASS	YES		GEOMETRIC	NON-RELEVANT
SG-6B-7-4	VES SHL	C-A	R00004623			MT	19841214	PASS	YES			
	-VES HD	C1.1	R00000522	C00000156	BNP-82	UT-0	19790730	PASS	YES			
			R00000621	C00000210	BNP-82	UT-0	19790917	PASS	NO			
			R00000621	C00000209	BNP-82	UT-0	19890913	PASS	YES		SURF, ROUND	SUP EXAM, OK
			R00000522	C00000160	BNP-82	UT-45	19790731	ENGR	YES		SUBSURF, LIN	AMP < REF
			R00000621	C00000212	BNP-82	UT-45	19790917	PASS	YES		PHYSIC DMG	REMOVED
			R00000522	C00000168	BNP-82	UT-45	19790123	PASS	YES		SUBSURF, LIN	SUP EXAM, OK
			R00000533	C00000167	BNP-82	UT-60	19790806	FAIL	YES		SUBSURF, LIN	SUP EXAM, OK
			R00000626	C00000217	BNP-82	UT-60	19790926	FAIL	NO		LINEAR	SUP EXAM, OK
			R00000638	C00000230	BNP-82	UT-60	19791011	PASS	YES		LINEAR	SUP EXAM, OK
			R00000645	C00000233	WB-39	UT-60	19791018	PASS	YES			
			R00003148			VT-1	19831027	PASS	NO			
SGAFW-3	VES NOZ	C-B	R00000519	C00000156	BNP-82	UT-0	19790730	PASS	YES			
	-VES SHL	C1.2										

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SGAFW-3	VES NOZ	C-B	R00000519	C00000161	BNP-82	UT-45	19790801	PASS	YES			
	-VES SHL	C1.2	R00000532	C00000166	BNP-82	UT-60	19790803	PASS	YES		GEOMETRIC	NON-RELEVANT
SGFW-1	VES NOZ	C-B	R00000517	C00000152	SQ-40	UT-0	19790725	PASS	YES			
	-VES SHL	C1.2	R00000517	C00000154	SQ-40	UT-45	19790726	PASS	YES			
			R00000526	C00000157	SQ-40	UT-60	19790727	PASS	YES		GEOMETRIC	NON-RELEVANT
SGMS-4	VES HD	C-B	R00000524	C00000158	BNP-82	UT-0	19790731	PASS	YES			
	-VES NOZ	C1.2	R00000524	C00000159	BNP-82	UT-45	19790730	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00000534	C00000167	BNP-82	UT-60	19790806	PASS	YES			

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SYSTEM : SG RCS STEAM GENERATOR - 068
ISOMETRIC NUMBER : CHM-2660-B SHEET : 02

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
MWCB-1-1-01-C	MW BLTG	B-G-2 B3.10	R00005995			VT-1	19940214	PASS	YES			
MWCB-1-1-01-H	MW BLTG	B-G-2 B3.10	R00005994			VT-1	19940214	PASS	YES			
MWCB-1-1-02-C	MW BLTG	B-G-2 B3.10	R00005995			VT-1	19940214	PASS	YES			
MWCB-1-1-02-H	MW BLTG	B-G-2 B3.10	R00005994			VT-1	19940214	PASS	YES			
MWCB-1-1-03-C	MW BLTG	B-G-2 B3.10	R00005995			VT-1	19940214	PASS	YES			
MWCB-1-1-03-H	MW BLTG	B-G-2 B3.10	R00005994			VT-1	19940214	PASS	YES			
MWCB-1-1-04-C	MW BLTG	B-G-2 B3.10	R00005995			VT-1	19940214	PASS	YES			
MWCB-1-1-04-H	MW BLTG	B-G-2 B3.10	R00005994			VT-1	19940214	PASS	YES			
MWCB-1-1-05-C	MW BLTG	B-G-2 B3.10	R00005995			VT-1	19940214	PASS	YES			
MWCB-1-1-05-H	MW BLTG	B-G-2 B3.10	R00005994			VT-1	19940214	PASS	YES			
MWCB-1-1-06-C	MW BLTG	B-G-2 B3.10	R00005995			VT-1	19940214	PASS	YES			

NUTECH

TENNESSEE VALLEY AUTHORITY
WATTS BAR NUCLEAR POWER PLANT - UNIT 1
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POST OUTAGE EXAMINATION RESULTS REPORT
EXAM REQUIREMENT : P01-01 CYCLE : 00
INTERVAL : 00 PERIOD : 3

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SYSTEM : SG RCS STEAM GENERATOR - 068
ISOMETRIC NUMBER : CHM-2660-B SHEET : 02

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
MWCB-1-1-06-H	MW BLTG	B-G-2 B3.10	R00005994			VT-1	19940214	PASS	YES			
MWCB-1-1-07-C	MW BLTG	B-G-2 B3.10	R00005995			VT-1	19940214	PASS	YES			
MWCB-1-1-07-H	MW BLTG	B-G-2 B3.10	R00005994			VT-1	19940214	PASS	YES			
MWCB-1-1-08-C	MW BLTG	B-G-2 B3.10	R00005995			VT-1	19940214	PASS	YES			
MWCB-1-1-08-H	MW BLTG	B-G-2 B3.10	R00005994			VT-1	19940214	PASS	YES			
MWCB-1-1-09-C	MW BLTG	B-G-2 B3.10	R00005995			VT-1	19940214	PASS	YES			
MWCB-1-1-09-H	MW BLTG	B-G-2 B3.10	R00005994			VT-1	19940214	PASS	YES			
MWCB-1-1-10-C	MW BLTG	B-G-2 B3.10	R00005995			VT-1	19940214	PASS	YES			
MWCB-1-1-10-H	MW BLTG	B-G-2 B3.10	R00005994			VT-1	19940214	PASS	YES			
MWCB-1-1-11-C	MW BLTG	B-G-2 B3.10	R00005995			VT-1	19940214	PASS	YES			
MWCB-1-1-11-H	MW BLTG	B-G-2 B3.10	R00005994			VT-1	19940214	PASS	YES			

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TENNESSEE VALLEY AUTHORITY
WATTS BAR NUCLEAR POWER PLANT - UNIT 1
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POST OUTAGE EXAMINATION RESULTS REPORT
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SYSTEM : SG RCS STEAM GENERATOR - 068
ISOMETRIC NUMBER : CHM-2660-B SHEET : 02

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
MWCB-1-1-12-C	MW BLTG	B-G-2 B3.10	R00005995			VT-1	19940214	PASS	YES			
MWCB-1-1-12-H	MW BLTG	B-G-2 B3.10	R00005994			VT-1	19940214	PASS	YES			
MWCB-1-1-13-C	MW BLTG	B-G-2 B3.10	R00005995			VT-1	19940214	PASS	YES			
MWCB-1-1-13-H	MW BLTG	B-G-2 B3.10	R00005994			VT-1	19940214	PASS	YES			
MWCB-1-1-14-C	MW BLTG	B-G-2 B3.10	R00005995			VT-1	19940214	PASS	YES			
MWCB-1-1-14-H	MW BLTG	B-G-2 B3.10	R00005994			VT-1	19940214	PASS	YES			
MWCB-1-1-15-C	MW BLTG	B-G-2 B3.10	R00005995			VT-1	19940214	PASS	YES			
MWCB-1-1-15-H	MW BLTG	B-G-2 B3.10	R00005994			VT-1	19940214	PASS	YES			
MWCB-1-1-16-C	MW BLTG	B-G-2 B3.10	R00005995			VT-1	19940214	PASS	YES			
MWCB-1-1-16-H	MW BLTG	B-G-2 B3.10	R00005994			VT-1	19940214	PASS	YES			
MWCB-1-2-01-C	MW BLTG	B-G-2 B3.10	R00005998			VT-1	19940214	PASS	YES			

NUTECH

TENNESSEE VALLEY AUTHORITY
WATTS BAR NUCLEAR POWER PLANT - UNIT 1
ISI DATA BASE
POST OUTAGE EXAMINATION RESULTS REPORT
EXAM REQUIREMENT : P01-01 CYCLE : 00
INTERVAL : 00 PERIOD : 3

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SYSTEM : SG RCS STEAM GENERATOR - 068
ISOMETRIC NUMBER : CHM-2660-B SHEET : 02

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
MWCB-1-2-01-H	MW BLTG	B-G-2 B3.10	R00005999			VT-1	19940214	PASS	YES			
MWCB-1-2-02-C	MW BLTG	B-G-2 B3.10	R00005998			VT-1	19940214	PASS	YES			
MWCB-1-2-02-H	MW BLTG	B-G-2 B3.10	R00005999			VT-1	19940214	PASS	YES			
MWCB-1-2-03-C	MW BLTG	B-G-2 B3.10	R00005998			VT-1	19940214	PASS	YES			
MWCB-1-2-03-H	MW BLTG	B-G-2 B3.10	R00005999			VT-1	19940214	PASS	YES			
MWCB-1-2-04-C	MW BLTG	B-G-2 B3.10	R00005998			VT-1	19940214	PASS	YES			
MWCB-1-2-04-H	MW BLTG	B-G-2 B3.10	R00005999			VT-1	19940214	PASS	YES			
MWCB-1-2-05-C	MW BLTG	B-G-2 B3.10	R00005998			VT-1	19940214	PASS	YES			
MWCB-1-2-05-H	MW BLTG	B-G-2 B3.10	R00005999			VT-1	19940214	PASS	YES			
MWCB-1-2-06-C	MW BLTG	B-G-2 B3.10	R00005998			VT-1	19940214	PASS	YES			
MWCB-1-2-06-H	MW BLTG	B-G-2 B3.10	R00005999			VT-1	19940214	PASS	YES			

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TENNESSEE VALLEY AUTHORITY
WATTS BAR NUCLEAR POWER PLANT - UNIT 1
ISI DATA BASE
POST OUTAGE EXAMINATION RESULTS REPORT
EXAM REQUIREMENT : P01-01 CYCLE : 00
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SYSTEM : SG RCS STEAM GENERATOR - 068
ISOMETRIC NUMBER : CHM-2660-B SHEET : 02

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
MWCB-1-2-07-C	MW BLTG	B-G-2 B3.10	R00005998			VT-1	19940214	PASS	YES			
MWCB-1-2-07-H	MW BLTG	B-G-2 B3.10	R00005999			VT-1	19940214	PASS	YES			
MWCB-1-2-08-C	MW BLTG	B-G-2 B3.10	R00005998			VT-1	19940214	PASS	YES			
MWCB-1-2-08-H	MW BLTG	B-G-2 B3.10	R00005999			VT-1	19940214	PASS	YES			
MWCB-1-2-09-C	MW BLTG	B-G-2 B3.10	R00005998			VT-1	19940214	PASS	YES			
MWCB-1-2-09-H	MW BLTG	B-G-2 B3.10	R00005999			VT-1	19940214	PASS	YES			
MWCB-1-2-10-C	MW BLTG	B-G-2 B3.10	R00005998			VT-1	19940214	PASS	YES			
MWCB-1-2-10-H	MW BLTG	B-G-2 B3.10	R00005999			VT-1	19940214	PASS	YES			
MWCB-1-2-11-C	MW BLTG	B-G-2 B3.10	R00005998			VT-1	19940214	PASS	YES			
MWCB-1-2-11-H	MW BLTG	B-G-2 B3.10	R00005999			VT-1	19940214	PASS	YES			
MWCB-1-2-12-C	MW BLTG	B-G-2 B3.10	R00005998			VT-1	19940214	PASS	YES			

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TENNESSEE VALLEY AUTHORITY
WATTS BAR NUCLEAR POWER PLANT - UNIT 1
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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
MWCB-1-2-12-H	MW BLTG	B-G-2 B3.10	R00005999			VT-1	19940214	PASS	YES			
MWCB-1-2-13-C	MW BLTG	B-G-2 B3.10	R00005998			VT-1	19940214	PASS	YES			
MWCB-1-2-13-H	MW BLTG	B-G-2 B3.10	R00005999			VT-1	19940214	PASS	YES			
MWCB-1-2-14-C	MW BLTG	B-G-2 B3.10	R00005998			VT-1	19940214	PASS	YES			
MWCB-1-2-14-H	MW BLTG	B-G-2 B3.10	R00005999			VT-1	19940214	PASS	YES			
MWCB-1-2-15-C	MW BLTG	B-G-2 B3.10	R00005998			VT-1	19940214	PASS	YES			
MWCB-1-2-15-H	MW BLTG	B-G-2 B3.10	R00005999			VT-1	19940214	PASS	YES			
MWCB-1-2-16-C	MW BLTG	B-G-2 B3.10	R00005998			VT-1	19940214	PASS	YES			
MWCB-1-2-16-H	MW BLTG	B-G-2 B3.10	R00005999			VT-1	19940214	PASS	YES			
MWCB-1-3-01-C	MW BLTG	B-G-2 B3.10	R00005996			VT-1	19940214	PASS	YES			
MWCB-1-3-01-H	MW BLTG	B-G-2 B3.10	R00005997			VT-1	19940214	PASS	YES			

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TENNESSEE VALLEY AUTHORITY
WATTS BAR NUCLEAR POWER PLANT - UNIT 1
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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
MWCB-1-3-02-C	MW BLTG	B-G-2 B3.10	R00005996			VT-1	19940214	PASS	YES			
MWCB-1-3-02-H	MW BLTG	B-G-2 B3.10	R00005997			VT-1	19940214	PASS	YES			
MWCB-1-3-03-C	MW BLTG	B-G-2 B3.10	R00005996			VT-1	19940214	PASS	YES			
MWCB-1-3-03-H	MW BLTG	B-G-2 B3.10	R00005997			VT-1	19940214	PASS	YES			
MWCB-1-3-04-C	MW BLTG	B-G-2 B3.10	R00005996			VT-1	19940214	PASS	YES			
MWCB-1-3-04-H	MW BLTG	B-G-2 B3.10	R00005997			VT-1	19940214	PASS	YES			
MWCB-1-3-05-C	MW BLTG	B-G-2 B3.10	R00005996			VT-1	19940214	PASS	YES			
MWCB-1-3-05-H	MW BLTG	B-G-2 B3.10	R00005997			VT-1	19940214	PASS	YES			
MWCB-1-3-06-C	MW BLTG	B-G-2 B3.10	R00005996			VT-1	19940214	PASS	YES			
MWCB-1-3-06-H	MW BLTG	B-G-2 B3.10	R00005997			VT-1	19940214	PASS	YES			
MWCB-1-3-07-C	MW BLTG	B-G-2 B3.10	R00005996			VT-1	19940214	PASS	YES			

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TENNESSEE VALLEY AUTHORITY
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ISI DATA BASE
POST OUTAGE EXAMINATION RESULTS REPORT
EXAM REQUIREMENT : P01-01 CYCLE : 00
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SYSTEM : SG RCS STEAM GENERATOR - 068
ISOMETRIC NUMBER : CHM-2660-B SHEET : 02

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
MWCB-1-3-07-H	MW BLTG	B-G-2 B3.10	R00005997			VT-1	19940214	PASS	YES			
MWCB-1-3-08-C	MW BLTG	B-G-2 B3.10	R00005996			VT-1	19940214	PASS	YES			
MWCB-1-3-08-H	MW BLTG	B-G-2 B3.10	R00005997			VT-1	19940214	PASS	YES			
MWCB-1-3-09-C	MW BLTG	B-G-2 B3.10	R00005996			VT-1	19940214	PASS	YES			
MWCB-1-3-09-H	MW BLTG	B-G-2 B3.10	R00005997			VT-1	19940214	PASS	YES			
MWCB-1-3-10-C	MW BLTG	B-G-2 B3.10	R00005996			VT-1	19940214	PASS	YES			
MWCB-1-3-10-H	MW BLTG	B-G-2 B3.10	R00005997			VT-1	19940214	PASS	YES			
MWCB-1-3-11-C	MW BLTG	B-G-2 B3.10	R00005996			VT-1	19940214	PASS	YES			
MWCB-1-3-11-H	MW BLTG	B-G-2 B3.10	R00005997			VT-1	19940214	PASS	YES			
MWCB-1-3-12-C	MW BLTG	B-G-2 B3.10	R00005996			VT-1	19940214	PASS	YES			
MWCB-1-3-12-H	MW BLTG	B-G-2 B3.10	R00005997			VT-1	19940214	PASS	YES			

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TENNESSEE VALLEY AUTHORITY
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POST OUTAGE EXAMINATION RESULTS REPORT
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SYSTEM : SG RCS STEAM GENERATOR - 068
ISOMETRIC NUMBER : CHM-2660-B SHEET : 02

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
MWCB-1-3-13-C	MW BLTG	B-G-2 B3.10	R00005996			VT-1	19940214	PASS	YES			
MWCB-1-3-13-H	MW BLTG	B-G-2 B3.10	R00005997			VT-1	19940214	PASS	YES			
MWCB-1-3-14-C	MW BLTG	B-G-2 B3.10	R00005996			VT-1	19940214	PASS	YES			
MWCB-1-3-14-H	MW BLTG	B-G-2 B3.10	R00005997			VT-1	19940214	PASS	YES			
MWCB-1-3-15-C	MW BLTG	B-G-2 B3.10	R00005996			VT-1	19940214	PASS	YES			
MWCB-1-3-15-H	MW BLTG	B-G-2 B3.10	R00005997			VT-1	19940214	PASS	YES			
MWCB-1-3-16-C	MW BLTG	B-G-2 B3.10	R00005996			VT-1	19940214	PASS	YES			
MWCB-1-3-16-H	MW BLTG	B-G-2 B3.10	R00005997			VT-1	19940214	PASS	YES			
MWCB-1-4-01-C	MW BLTG	B-G-2 B3.10	R00006001			VT-1	19940215	PASS	YES			
MWCB-1-4-01-H	MW BLTG	B-G-2 B3.10	R00006000			VT-1	19940215	PASS	YES			
MWCB-1-4-02-C	MW BLTG	B-G-2 B3.10	R00006001			VT-1	19940215	PASS	YES			

SYSTEM : SG RCS STEAM GENERATOR - 068
ISOMETRIC NUMBER : CHM-2660-B SHEET : 02

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
MWCB-1-4-02-H	MW BLTG	B-G-2 B3.10	R00006000			VT-1	19940215	PASS	YES			
MWCB-1-4-03-C	MW BLTG	B-G-2 B3.10	R00006001			VT-1	19940215	PASS	YES			
MWCB-1-4-03-H	MW BLTG	B-G-2 B3.10	R00006000			VT-1	19940215	PASS	YES			
MWCB-1-4-04-C	MW BLTG	B-G-2 B3.10	R00006001			VT-1	19940215	PASS	YES			
MWCB-1-4-04-H	MW BLTG	B-G-2 B3.10	R00006000			VT-1	19940215	PASS	YES			
MWCB-1-4-05-C	MW BLTG	B-G-2 B3.10	R00006001			VT-1	19940215	PASS	YES			
MWCB-1-4-05-H	MW BLTG	B-G-2 B3.10	R00006000			VT-1	19940215	PASS	YES			
MWCB-1-4-06-C	MW BLTG	B-G-2 B3.10	R00006001			VT-1	19940215	PASS	YES			
MWCB-1-4-06-H	MW BLTG	B-G-2 B3.10	R00006000			VT-1	19940215	PASS	YES			
MWCB-1-4-07-C	MW BLTG	B-G-2 B3.10	R00006001			VT-1	19940215	PASS	YES			
MWCB-1-4-07-H	MW BLTG	B-G-2 B3.10	R00006000			VT-1	19940215	PASS	YES			

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TENNESSEE VALLEY AUTHORITY
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SYSTEM : SG RCS STEAM GENERATOR - 068
ISOMETRIC NUMBER : CHM-2660-B SHEET : 02

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
MWCB-1-4-08-C	MW BLTG	B-G-2 B3.10	R00006001			VT-1	19940215	PASS	YES			
MWCB-1-4-08-H	MW BLTG	B-G-2 B3.10	R00006000			VT-1	19940215	PASS	YES			
MWCB-1-4-09-C	MW BLTG	B-G-2 B3.10	R00006001			VT-1	19940215	PASS	YES			
MWCB-1-4-09-H	MW BLTG	B-G-2 B3.10	R00006000			VT-1	19940215	PASS	YES			
MWCB-1-4-10-C	MW BLTG	B-G-2 B3.10	R00006001			VT-1	19940215	PASS	YES			
MWCB-1-4-10-H	MW BLTG	B-G-2 B3.10	R00006000			VT-1	19940215	PASS	YES			
MWCB-1-4-11-C	MW BLTG	B-G-2 B3.10	R00006001			VT-1	19940215	PASS	YES			
MWCB-1-4-11-H	MW BLTG	B-G-2 B3.10	R00006000			VT-1	19940215	PASS	YES			
MWCB-1-4-12-C	MW BLTG	B-G-2 B3.10	R00006001			VT-1	19940215	PASS	YES			
MWCB-1-4-12-H	MW BLTG	B-G-2 B3.10	R00006000			VT-1	19940215	PASS	YES			
MWCB-1-4-13-C	MW BLTG	B-G-2 B3.10	R00006001			VT-1	19940215	PASS	YES			

SYSTEM : SG RCS STEAM GENERATOR - 068
ISOMETRIC NUMBER : CHM-2660-B SHEET : 02

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
MWCB-1-4-13-H	MW BLTG	B-G-2 B3.10	R00006000			VT-1	19940215	PASS	YES			
MWCB-1-4-14-C	MW BLTG	B-G-2 B3.10	R00006001			VT-1	19940215	PASS	YES			
MWCB-1-4-14-H	MW BLTG	B-G-2 B3.10	R00006000			VT-1	19940215	PASS	YES			
MWCB-1-4-15-C	MW BLTG	B-G-2 B3.10	R00006001			VT-1	19940215	PASS	YES			
MWCB-1-4-15-H	MW BLTG	B-G-2 B3.10	R00006000			VT-1	19940215	PASS	YES			
MWCB-1-4-16-C	MW BLTG	B-G-2 B3.10	R00006001			VT-1	19940215	PASS	YES			
MWCB-1-4-16-H	MW BLTG	B-G-2 B3.10	R00006000			VT-1	19940215	PASS	YES			

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SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : CHM-2758-C SHEET : 04

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
63-581-BC	VALBLTG	B-G-2	R00004768			VT-1	19850329	PASS	YES			
		B6. 9	R00004635			VT-1	19841214	FAIL	YES		PHYSIC DMG	BLTN RPLACD
											THRD ENGAGE	BLTN RPLACD

SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : CHM-2758-C SHEET : 07

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
FCV-63-118	VAL INT	B-M-2 B6. 7	R00003242			VT-1	19840130	PASS	YES			
FCV-63-118-BC	VALBLTG	B-G-2 B6. 9	R00001918			VT-1	19811208	PASS	YES			
SIF-B-T044-02	VALVE -PIPE	B-J B4. 8	R00002338			PT	19820429	PASS	YES			
SIF-B-T044-03	PIPE -TEE	B-J B4. 8	R00002339			PT	19820429	PASS	YES			
SIF-B-T044-04	TEE -PIPE	B-J B4. 8	R00002340			PT	19820429	PASS	YES			
SIF-B-T044-05	PIPE -ELBOW	B-J B4. 8	R00002228			PT	19820421	PASS	YES			
SIF-B-T044-06	ELBOW -PIPE	B-J B4. 8	R00002229			PT	19820421	PASS	YES			
SIF-B-T044-07	PIPE -ELBOW	B-J B4. 8	R00002222			PT	19820421	PASS	YES			
SIF-B-T044-08	ELBOW -PIPE	B-J B4. 8	R00002221			PT	19820421	PASS	YES			
SIF-B-T044-09	PIPE -ELBOW	B-J B4. 8	R00002220			PT	19820421	PASS	YES			
SIF-B-T044-10	ELBOW -PIPE	B-J B4. 8	R00002219			PT	19820421	PASS	YES			

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EXAM REQUIREMENT : P01-01 CYCLE : 00
INTERVAL : 00 PERIOD : 3

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SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : CHM-2758-C SHEET : 07

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIF-B-T044-11	PIPE -WELDOLT	B-J B4. 8	R00002218			PT	19820421	PASS	YES			
SIF-B-T044-12	TEE -REDUCER	B-J B4. 8	R00003327			PT	19810417	PASS	YES			
63-560-BC	VALBLTG	B-G-2 B6. 9	R00005302			VT-1	19930504	PASS	YES			
63-622-BC	VALBLTG	B-G-2 B6. 9	R00005297			VT-1	19930423	PASS	YES			
63-633-BC	VALBLTG	B-G-2 B6. 9	R00001918			VT-1	19811208	PASS	YES			

SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : CHM-2758-C SHEET : 08

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
FCV-63-098-BC	VALBLTG	B-G-2 B6. 9	R00001918			VT-1	19811208	PASS	YES			
SIF-B-T105-01	REDUCER -TEE	B-J B4. 8	R00003345			PT	19810330	PASS	YES			
SIF-B-T105-02	TEE -PIPE	B-J B4. 8	R00003345			PT	19810330	PASS	YES			
SIF-B-T105-03	PIPE -VALVE	B-J B4. 8	R00003345			PT	19810330	PASS	YES			
SIF-B-T105-04	TEE -PIPE	B-J B4. 8	R00003345			PT	19810330	PASS	YES			
SIF-B-T105-05	PIPE -ELBOW	B-J B4. 8	R00003346			PT	19810606	PASS	YES			
SIF-B-T105-06	ELBOW -PIPE	B-J B4. 8	R00003345			PT	19810330	PASS	YES			
SIF-B-T105-06B	ELBOW -PIPE	B-J B4. 8	R00003346			PT	19810606	PASS	YES			
SIF-B-T105-07	PIPE -ELBOW	B-J B4. 8	R00003319			PT	19810606	PASS	YES			
SIF-B-T105-08	ELBOW -PIPE	B-J B4. 8	R00003347			PT	19810606	PASS	YES			
SIF-B-T105-09	PIPE -ELBOW	B-J B4. 8	R00003348			PT	19810606	PASS	YES			

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INTERVAL : 00 PERIOD : 3

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SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : CHM-2758-C SHEET : 08

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIF-B-T105-10	ELBOW -PIPE	B-J B4. 8	R00003350			PT	19810606	PASS	YES			
SIF-B-T105-10A	PIPE -ELBOW	B-J B4. 8	R00003349			PT	19810606	PASS	YES			
SIF-B-T105-10B	ELBOW -PIPE	B-J B4. 8	R00003349			PT	19810606	PASS	YES			
SIF-B-T105-11	PIPE -ELBOW	B-J B4. 8	R00003350			PT	19810606	PASS	YES			
SIF-B-T105-12	ELBOW -PIPE	B-J B4. 8	R00003350			PT	19810606	PASS	YES			
SIF-B-T105-12A	PIPE -ELBOW	B-J B4. 8	R00003349			PT	19810606	PASS	YES			
SIF-B-T105-12B	ELBOW -PIPE	B-J B4. 8	R00003349			PT	19810606	PASS	YES			
SIF-B-T105-13	PIPE -ELBOW	B-J B4. 8	R00002225			PT	19820421	PASS	YES			
SIF-B-T105-14	ELBOW -PIPE	B-J B4. 8	R00002224			PT	19820421	PASS	YES			
SIF-B-T105-15	PIPE -ELBOW	B-J B4. 8	R00002223			PT	19820421	PASS	YES			
SIF-B-T105-17	PIPE -WELDOLT	B-J B4. 8	R00003352			PT	19810606	PASS	YES			

SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : CHM-2758-C SHEET : 08

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIF-B-T112-04	ELBOW -PIPE	B-J B4. 8	R00004802			PT	19860213	PASS	YES			
SIF-B-T112-05	PIPE -ELBOW	B-J B4. 8	R00002226			PT	19820421	PASS	YES			
SIF-B-T112-06	ELBOW -PIPE	B-J B4. 8	R00003355			PT	19810331	PASS	YES			
SIF-B-T112-07	PIPE -ELBOW	B-J B4. 8	R00003354			PT	19800209	PASS	YES			
SIF-B-T112-08	ELBOW -PIPE	B-J B4. 8	R00002227			PT	19820421	PASS	YES			
SIF-B-T112-11	VALVE -PIPE	B-J B4. 8	R00003355			PT	19810331	PASS	YES			
SIF-B-T112-12	PIPE -TEE	B-J B4. 8	R00002424			PT	19820506	PASS	YES			
63-559-BC	VALBLTG	B-G-2 B6. 9	R00001918			VT-1	19811208	PASS	YES			
63-561	VAL INT	B-M-2 B6. 7	R00003243			VT-1	19840103	PASS	YES			
63-561-BC	VALBLTG	B-G-2 B6. 9	R00005304			VT-1	19930505	PASS	YES			
63-623-BC	VALBLTG	B-G-2 B6. 9	R00005300			VT-1	19930502	PASS	YES			

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SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
63-632-BC	VALBLTG	B-G-2 B6. 9	R00001918			VT-1	19811208	PASS	YES			

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ISOMETRIC NUMBER : CHM-2758-C SHEET : 09

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
FCV-63-080-BC	VALBLTG	B-G-2 B6. 9	R00001919			VT-1	19811208	PASS	YES			
SIF-B-T063-09	ELBOW -PIPE	B-J B4. 8	R00003344			PT	19810406	PASS	YES			
SIF-B-T063-10	PIPE -ELBOW	B-J B4. 8	R00002866			PT	19830404	PASS	YES			
SIF-B-T063-11	VALVE -PIPE	B-J B4. 8	R00002867			PT	19830404	PASS	YES			
63-562	VAL INT	B-M-2 B6. 7	R00004837			VT-1	19871026	PASS	YES			
63-562-BC	VALBLTG	B-G-2 B6. 9	R00005407			VT-1	19930519	PASS	YES			
63-624-BC	VALBLTG	B-G-2 B6. 9	R00005298			VT-1	19930425	PASS	YES			
63-634-BC	VALBLTG	B-G-2 B6. 9	R00001919			VT-1	19811208	PASS	YES			

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ISOMETRIC NUMBER : CHM-2758-C SHEET : 10

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
FCV-63-067-BC	VALBLTG	B-G-2 B6. 9	R00001918			VT-1	19811208	PASS	YES			
SIF-B-T026-01	PIPE -WELDOLT	B-J B4. 8	R00002297			PT	19820423	PASS	YES			
SIF-B-T026-02	ELBOW -PIPE	B-J B4. 8	R00002298			PT	19820423	PASS	YES			
SIF-B-T026-03	PIPE -ELBOW	B-J B4. 8	R00002299			PT	19820423	PASS	YES			
SIF-B-T026-04	ELBOW -PIPE	B-J B4. 8	R00002300			PT	19820423	PASS	YES			
SIF-B-T026-05	PIPE -ELBOW	B-J B4. 8	R00002301			PT	19820423	PASS	YES			
SIF-B-T026-06	ELBOW -PIPE	B-J B4. 8	R00002326 R00002326A			PT PT	19820426 19820715	FAIL PASS	YES YES		SURF, LINEAR IND. RMVD.	
SIF-B-T026-07	PIPE -ELBOW	B-J B4. 8	R00002327			PT	19820426	PASS	YES			
SIF-B-T026-08	ELBOW -PIPE	B-J B4. 8	R00002328			PT	19820426	PASS	YES			
SIF-B-T026-09	PIPE -ELBOW	B-J B4. 8	R00002329			PT	19820426	PASS	YES			
SIF-B-T026-12	ELBOW -PIPE	B-J B4. 8	R00003321			PT	19810126	PASS	YES			

SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIF-B-T026-13	PIPE -ELBOW	B-J B4. 8	R00002332			PT	19820427	PASS	YES			
SIF-B-T026-14	TEE -PIPE	B-J B4. 8	R00002330			PT	19820426	PASS	YES			
SIF-B-T026-15	PIPE -TEE	B-J B4. 8	R00003322			PT	19810126	PASS	YES			
SIF-B-T026-16	VALVE -PIPE	B-J B4. 8	R00003322			PT	19810126	PASS	YES			
SIF-B-T026-17	TEE -REDUCER	B-J B4. 8	R00002331			PT	19820426	PASS	YES			
SIF-B-T034-03	PIPE -ELBOW	B-J B4. 8	R00003325			PT	19810606	PASS	YES			
SIF-B-T034-04	ELBOW -PIPE	B-J B4. 8	R00003326			PT	19810519	PASS	YES			
SIF-B-T034-05	PIPE -ELBOW	B-J B4. 8	R00003326			PT	19810519	PASS	YES			
SIF-B-T034-06	TEE -PIPE	B-J B4. 8	R00003326			PT	19810519	PASS	YES			
SIF-B-T034-07	PIPE -TEE	B-J B4. 8	R00003326			PT	19810519	PASS	YES			
SIF-B-T034-08	VALVE -PIPE	B-J B4. 8	R00003326			PT	19810519	PASS	YES			

SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIF-B-T034-09	REDUCER -TEE	B-J B4. 8	R00003326			PT	19810519	PASS	YES			
63-558	VAL INT	B-M-2 B6. 7	R00003224			VT-1	19840113	PASS	YES			
63-558-BC	VALBLTG	B-G-2 B6. 9	R00001918			VT-1	19811208	PASS	YES			
63-563-BC	VALBLTG	B-G-2 B6. 9	R00006612			VT-1	19950930	PASS	YES			
63-625	VAL INT	B-M-2 B6. 7	R00003213			VT-1	19840104	PASS	YES			
63-625-BC	VALBLTG	B-G-2 B6. 9	R00005267			VT-1	19930420	PASS	YES			
63-635	VAL INT	B-M-2 B6. 7	R00003231			VT-1	19840118	PASS	YES			
63-635-BC	VALBLTG	B-G-2 B6. 9	R00001918			VT-1	19811208	PASS	YES			

SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : CHM-2758-C SHEET : 11

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SI-02-BC	FLGBLTG	B-G-2 B4.12	R00004381			VT-1	19841003	PASS	YES			
SIF-B-T028-02	PIPE -ELBOW	B-J B4. 8	R00002245			PT	19820422	PASS	YES			
SIF-B-T028-03	ELBOW -PIPE	B-J B4. 8	R00002242			PT	19820422	FAIL	YES		SURF, ROUND	IND. RMVD.
			R00003124			PT	19831025	PASS	YES			
SIF-B-T028-04	PIPE -ELBOW	B-J B4. 8	R00002241			PT	19820422	FAIL	YES		SURF, LINEAR	IND. RMVD.
			R00003125			PT	19831025	PASS	YES			
SIF-B-T028-05	ELBOW -PIPE	B-J B4. 8	R00002244			PT	19820422	PASS	YES			
SIF-B-T028-06	PIPE -COUPLNG	B-J B4. 8	R00002197			PT	19820409	PASS	YES			
SIF-B-T028-07	COUPLNG -PIPE	B-J B4. 8	R00002198			PT	19820409	PASS	YES			
SIF-B-T028-08	PIPE -ELBOW	B-J B4. 8	R00002803			PT	19830228	PASS	YES			
SIF-B-T058-02	VALVE -PIPE	B-J B4. 8	R00002131			PT	19820316	PASS	YES			
SIF-B-T058-03	PIPE -VALVE	B-J B4. 8	R00002431			PT	19820507	PASS	YES			
SIF-B-T058-04	ELBOW -PIPE	B-J B4. 8	R00002432			PT	19820507	PASS	YES			

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SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : CHM-2758-C SHEET : 11

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIF-B-T058-05	PIPE -ELBOW	B-J B4. 8	R00002207			PT	19820421	PASS	YES			
SIF-B-T058-06	ELBOW -PIPE	B-J B4. 8	R00002333			PT	19820427	PASS	YES			
SIF-B-T058-07	PIPE -ELBOW	B-J B4. 8	R00002334			PT	19820427	PASS	YES			
SIF-B-T058-08	ELBOW -PIPE	B-J B4. 8	R00002335			PT	19820427	PASS	YES			
SIF-B-T058-09	PIPE -ELBOW	B-J B4. 8	R00002336			PT	19820427	PASS	YES			
SIF-B-T058-10	ELBOW -PIPE	B-J B4. 8	R00002306			PT	19820423	PASS	YES			
SIF-B-T058-11	PIPE -ELBOW	B-J B4. 8	R00002305			PT	19820423	PASS	YES			
SIF-B-T058-12	ELBOW -PIPE	B-J B4. 8	R00002308			PT	19820423	PASS	YES			
SIF-B-T058-13	PIPE -ELBOW	B-J B4. 8	R00002307			PT	19820423	PASS	YES			
SIF-B-T058-14	ELBOW -PIPE	B-J B4. 8	R00002204			PT	19820421	PASS	YES			
SIF-B-T058-15	PIPE -ELBOW	B-J B4. 8	R00002132			PT	19820316	PASS	YES			

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SIF-B-T058-16	ELBOW -PIPE	B-J B4. 8	R00002324			PT	19820426	PASS	YES			
SIF-B-T058-17	PIPE -ELBOW	B-J B4. 8	R00002187			PT	19820325	PASS	YES			
SIF-B-T058-18	VALVE -PIPE	B-J B4. 8	R00002205			PT	19820421	PASS	YES			
SIF-B-T058-19	PIPE -VALVE	B-J B4. 8	R00002188			PT	19820325	PASS	YES			
SIF-B-T058-30	ELBOW -PIPE	B-J B4. 8	R00002249			PT	19820422	PASS	YES			
SIF-B-T058-31	PIPE -ELBOW	B-J B4. 8	R00002247			PT	19820422	PASS	YES			
SIF-B-T058-32	ELBOW -PIPE	B-J B4. 8	R00002250			PT	19820422	PASS	YES			
SIF-B-T058-33	PIPE -ELBOW	B-J B4. 8	R00002248			PT	19820422	PASS	YES			
SIF-B-T058-34	ELBOW -PIPE	B-J B4. 8	R00002251			PT	19820422	PASS	YES			
SIF-B-T058-35	PIPE -ELBOW	B-J B4. 8	R00002252			PT	19820422	PASS	YES			
SIF-B-T058-36	ELBOW -PIPE	B-J B4. 8	R00002253			PT	19820422	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIF-B-T058-37	PIPE -ELBOW	B-J B4. 8	R00002254			PT	19820422	PASS	YES			
SIF-B-T059-03	COUPLNG -PIPE	B-J B4. 8	R00002256			PT	19820422	PASS	YES			
SIF-B-T059-04	PIPE -COUPLNG	B-J B4. 8	R00002255			PT	19820422	PASS	YES			
SIF-B-T059-04A	COUPLNG -PIPE	B-J B4. 8	R00002429			PT	19820506	PASS	YES			
SIF-B-T059-04B	PIPE -COUPLNG	B-J B4. 8	R00002430			PT	19820506	PASS	YES			
SIF-B-T059-05	ELBOW -PIPE	B-J B4. 8	R00002802			PT	19830228	PASS	YES			
SIF-B-T059-06	PIPE -ELBOW	B-J B4. 8	R00002804			PT	19830228	PASS	YES			
SIF-B-T059-07	ELBOW -PIPE	B-J B4. 8	R00002801			PT	19830228	PASS	YES			

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SI-03-BC	FLGBLTG	B-G-2	R00004377			VT-1	19841003	FAIL	YES		PHYSIC DMG	BLTN RPLACD
		B4.12	R00004540			VT-1	19841123	PASS	YES			
SIF-B-T060-01	PIPE -COUPLNG	B-J B4. 8	R00002310			PT	19820423	PASS	YES			
SIF-B-T060-02	COUPLNG -PIPE	B-J B4. 8	R00002142			PT	19820317	PASS	YES			
SIF-B-T060-03	PIPE -COUPLNG	B-J B4. 8	R00002309			PT	19820423	PASS	YES			
SIF-B-T060-04	ELBOW -PIPE	B-J B4. 8	R00002258			PT	19820422	PASS	YES			
SIF-B-T060-05	PIPE -ELBOW	B-J B4. 8	R00002259			PT	19820422	PASS	YES			
SIF-B-T060-06	ELBOW -PIPE	B-J B4. 8	R00004518			PT	19841116	PASS	YES			
SIF-B-T060-07	PIPE -ELBOW	B-J B4. 8	R00002261			PT	19820422	PASS	YES			
SIF-B-T113-02	ELBOW -PIPE	B-J B4. 8	R00002875			PT	19830406	FAIL	YES		SURF, LINEAR ARC STRIKE	IND. RMVD. REMOVED
			R00003010			PT	19830928	PASS	YES			
SIF-B-T113-03	PIPE -ELBOW	B-J B4. 8	R00002230			PT	19820421	PASS	YES			
SIF-B-T113-04	VALVE -PIPE	B-J B4. 8	R00002231			PT	19820421	PASS	YES			

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SIF-B-T113-06	ELBOW -PIPE	B-J B4. 8	R00002233			PT	19820421	PASS	YES			
SIF-B-T113-07	PIPE -ELBOW	B-J B4. 8	R00002876			PT	19830406	FAIL	YES		SURF, LINEAR ARC STRIKE	IND. RMVD. REMOVED
			R00003011			PT	19830928	PASS	YES			
SIF-B-T113-08	ELBOW -PIPE	B-J B4. 8	R00002877			PT	19830406	PASS	YES			
SIF-B-T113-09	PIPE -ELBOW	B-J B4. 8	R00004801			PT	19860214	PASS	YES			
SIF-B-T113-10	ELBOW -PIPE	B-J B4. 8	R00002235			PT	19820421	PASS	YES			
SIF-B-T113-11	PIPE -ELBOW	B-J B4. 8	R00003364			PT	19810602	PASS	YES			
SIF-B-T113-12	ELBOW -PIPE	B-J B4. 8	R00003365			PT	19810602	PASS	YES			
SIF-B-T113-13	PIPE -ELBOW	B-J B4. 8	R00002236			PT	19820421	PASS	YES			
SIF-B-T113-14	ELBOW -PIPE	B-J B4. 8	R00002281			PT	19820422	PASS	YES			
SIF-B-T113-15	PIPE -ELBOW	B-J B4. 8	R00003363			PT	19790202	PASS	YES			
SIF-B-T113-16	ELBOW -PIPE	B-J B4. 8	R00003358			PT	19810602	PASS	YES			

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SIF-B-T113-17	PIPE -ELBOW	B-J B4. 8	R00002435			PT	19820519	PASS	YES			
SIF-B-T113-18	ELBOW -PIPE	B-J B4. 8	R00002277			PT	19820422	FAIL	YES		SURF, LINEAR IND. RMVD.	
			R00002277A			PT	19820705	PASS	YES			
SIF-B-T113-19	PIPE -ELBOW	B-J B4. 8	R00003359			PT	19810412	PASS	YES			
SIF-B-T113-20	ELBOW -PIPE	B-J B4. 8	R00002283			PT	19820422	PASS	YES			
SIF-B-T113-21	PIPE -ELBOW	B-J B4. 8	R00002282			PT	19820422	PASS	YES			
SIF-B-T113-22	VALVE -PIPE	B-J B4. 8	R00002284			PT	19820422	PASS	YES			
SIF-B-T113-23	PIPE -VALVE	B-J B4. 8	R00003359			PT	19810412	PASS	YES			
SIF-B-T113-26	ELBOW -PIPE	B-J B4. 8	R00003359			PT	19810412	PASS	YES			
SIF-B-T113-27	PIPE -ELBOW	B-J B4. 8	R00002280			PT	19820422	PASS	YES			
SIF-B-T113-28	ELBOW -PIPE	B-J B4. 8	R00002279			PT	19820422	PASS	YES			
SIF-B-T113-29	PIPE -ELBOW	B-J B4. 8	R00002278			PT	19820422	PASS	YES			

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SIF-B-T113-30	ELBOW -PIPE	B-J B4. 8	R00002143			PT	19820317	PASS	YES			
SIF-B-T113-31	PIPE -ELBOW	B-J B4. 8	R00002302			PT	19820423	PASS	YES			
SIF-B-T113-32	ELBOW -PIPE	B-J B4. 8	R00002144			PT	19820317	PASS	YES			
SIF-B-T113-33	PIPE -ELBOW	B-J B4. 8	R00002303			PT	19820423	PASS	YES			
SIF-B-T113-34	COUPLNG -PIPE	B-J B4. 8	R00002304			PT	19820423	PASS	YES			

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SI-04-BC	FLGBLTG	B-G-2	R00004378			VT-1	19841003	FAIL	YES		THRD ENGAGE	BLTNG TGHTN
		B4.12	R00004541			VT-1	19841123	PASS	YES			
SI-05-BC	FLGBLTG	B-G-2	R00004379			VT-1	19841003	FAIL	YES		THRD ENGAGE	BLTNG TGHTN
		B4.12	R00004542			VT-1	19841123	PASS	YES			
SIF-B-T029-02	ELBOW -PIPE	B-J B4. 8	R00002275			PT	19820422	PASS	YES			
SIF-B-T029-03	PIPE -ELBOW	B-J B4. 8	R00002274			PT	19820422	PASS	YES			
SIF-B-T029-04	ELBOW -PIPE	B-J B4. 8	R00002273			PT	19820422	PASS	YES			
SIF-B-T029-05	PIPE -ELBOW	B-J B4. 8	R00002134			PT	19820317	PASS	YES			
SIF-B-T029-06	VALVE -PIPE	B-J B4. 8	R00002141			PT	19820317	PASS	YES			
SIF-B-T029-07	PIPE -VALVE	B-J B4. 8	R00002272			PT	19820422	PASS	YES			
SIF-B-T029-08	ELBOW -PIPE	B-J B4. 8	R00002289			PT	19820423	PASS	YES			
SIF-B-T029-09	PIPE -ELBOW	B-J B4. 8	R00002290			PT	19820423	PASS	YES			
SIF-B-T029-10	ELBOW -PIPE	B-J B4. 8	R00002291			PT	19820423	PASS	YES			

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SIF-B-T029-11	PIPE -ELBOW	B-J B4. 8	R00002292			PT	19820423	PASS	YES			
SIF-B-T029-12	ELBOW -PIPE	B-J B4. 8	R00002293			PT	19820423	PASS	YES			
SIF-B-T029-13	PIPE -ELBOW	B-J B4. 8	R00002294			PT	19820423	PASS	YES			
SIF-B-T029-14	ELBOW -PIPE	B-J B4. 8	R00002140			PT	19820317	PASS	YES			
SIF-B-T029-15	PIPE -ELBOW	B-J B4. 8	R00002295			PT	19820423	PASS	YES			
SIF-B-T029-16	ELBOW -PIPE	B-J B4. 8	R00002311			PT	19820426	PASS	YES			
SIF-B-T029-17	PIPE -ELBOW	B-J B4. 8	R00002312 R00002312A			PT PT	19820426 19820715	FAIL PASS	YES YES		SURF, LINEAR IND. RMVD.	
SIF-B-T029-18	ELBOW -PIPE	B-J B4. 8	R00002313			PT	19820426	PASS	YES			
SIF-B-T029-19	PIPE -ELBOW	B-J B4. 8	R00002138			PT	19820317	PASS	YES			
SIF-B-T029-20	VALVE -PIPE	B-J B4. 8	R00002139			PT	19820317	PASS	YES			
SIF-B-T029-21	PIPE -VALVE	B-J B4. 8	R00002314			PT	19820426	PASS	YES			

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SIF-B-T061-02	PIPE -ELBOW	B-J B4. 8	R00002264			PT	19820422	PASS	YES			
SIF-B-T061-03	ELBOW -PIPE	B-J B4. 8	R00002265			PT	19820422	PASS	YES			
SIF-B-T061-04	PIPE -ELBOW	B-J B4. 8	R00002266			PT	19820422	PASS	YES			
SIF-B-T061-05	ELBOW -PIPE	B-J B4. 8	R00002267			PT	19820422	PASS	YES			
SIF-B-T061-08	PIPE -VALVE	B-J B4. 8	R00002270			PT	19820422	PASS	YES			
SIF-B-T061-09	VALVE -PIPE	B-J B4. 8	R00002271			PT	19820422	PASS	YES			
SIF-B-T061-10	PIPE -ELBOW	B-J B4. 8	R00002137			PT	19820317	PASS	YES			
SIF-B-T061-12	PIPE -ELBOW	B-J B4. 8	R00002217			PT	19820421	PASS	YES			
SIF-B-T061-13	ELBOW -PIPE	B-J B4. 8	R00002215			PT	19820421	PASS	YES			
SIF-B-T061-13A	PIPE -COUPLNG	B-J B4. 8	R00002208			PT	19820421	PASS	YES			
SIF-B-T061-13B	COUPLNG -PIPE	B-J B4. 8	R00002135			PT	19820317	PASS	YES			

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SIF-B-T061-14	PIPE -ELBOW	B-J B4. 8	R00002136			PT	19820317	PASS	YES			
SIF-B-T061-15	ELBOW -PIPE	B-J B4. 8	R00002216			PT	19820421	PASS	YES			
SIF-B-T061-19	ELBOW -PIPE	B-J B4. 8	R00002209			PT	19820421	PASS	YES			
SIF-B-T061-20	PIPE -ELBOW	B-J B4. 8	R00002210			PT	19820421	PASS	YES			
SIF-B-T061-21	ELBOW -PIPE	B-J B4. 8	R00002212			PT	19820421	PASS	YES			

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BIT-1	VES NOZ	C-B	R00003247	C00000616	WB-44	UT-0	19840202	PASS	YES			
	-VES HD	C1.2	R00003072	C00000581	WB-44	UT-45	19831012	PASS	YES			
BIT-2	VES HD	C-A	R00003244	C00000614	WB-44	UT-0	19840131	PASS	YES			
	-VES SHL	C1.1	R00003073	C00000581	WB-44	UT-45	19831012	PASS	YES			
BIT-3	VES SHL	C-A	R00003245	C00000614	WB-44	UT-0	19840131	PASS	YES			
	-VES HD	C1.1	R00003074	C00000581	WB-44	UT-45	19831012	PASS	YES			
BIT-4	VES HD	C-B	R00003248	C00000616	WB-44	UT-0	19840202	PASS	YES			
	-VES NOZ	C1.2	R00003075	C00000581	WB-44	UT-45	19831012	PASS	YES			
BIT-5-IA	VES IWA	C-C	R00003219			PT	19840112	PASS	YES			
	-VES SHL	C1.3										
BIT-6-IA	VES IWA	C-C	R00003220			PT	19840112	PASS	YES			
	-VES SHL	C1.3										
BIT-7-IA	VES IWA	C-C	R00003221			PT	19840112	PASS	YES			
	-VES SHL	C1.3										
BIT-8-IA	VES IWA	C-C	R00003222			PT	19840112	PASS	YES			
	-VES SHL	C1.3										

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CVCF-D033-09	VALVE -PIPE	B-J B9.21	R00009199			PT	19921230	PASS	YES			
CVCF-D033-10	PIPE -VALVE	B-J B9.21	R00009200			PT	19921230	PASS	YES			
CVCF-D033-11	VALVE -PIPE	B-J B9.21	R00009201			PT	19921230	PASS	YES			
CVCF-D033-11A	PIPE -ELBOW	B-J B9.21	R00009202			PT	19921230	PASS	YES			
CVCF-D033-11B	ELBOW -PIPE	B-J B9.21	R00009203			PT	19921230	PASS	YES			
CVCF-D033-12	PIPE -WELDOLT	B-J B9.21	R00009204			PT	19921230	PASS	YES			
CVCF-D034-12	VALVE -PIPE	B-J B9.21	R00009205			PT	19921008	PASS	YES			
CVCF-D034-13	PIPE -VALVE	B-J B9.21	R00009206			PT	19921230	PASS	YES			
CVCF-D034-13A	PIPE -PIPE	B-J B9.21	R00009207			PT	19921230	PASS	YES			
CVCF-D034-14	VALVE -PIPE	B-J B9.21	R00005008			PT	19900110	PASS	YES			
CVCF-D034-14B	PIPE -ELBOW	B-J B9.21	R00009208			PT	19921008	PASS	YES			

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CVCF-D034-15	PIPE -WELDOLT	B-J B9.21	R00009209			PT	19921008	PASS	YES			
CVCF-D036-06	VALVE -PIPE	B-J B9.21	R00009215			PT	19921229	PASS	YES			
CVCF-D036-07	PIPE -VALVE	B-J B9.21	R00009216			PT	19921230	PASS	YES			
CVCF-D036-07A	ELBOW -PIPE	B-J B9.21	R00009217			PT	19921008	PASS	YES			
CVCF-D036-07B	ELBOW -ELBOW	B-J B9.21	R00009218			PT	19921008	PASS	YES			
CVCF-D036-07C	PIPE -ELBOW	B-J B9.21	R00009219			PT	19921008	PASS	YES			
CVCF-D036-07D	ELBOW -PIPE	B-J B9.21	R00009220			PT	19921008	PASS	YES			
CVCF-D036-07E	ELBOW -ELBOW	B-J B9.21	R00009221			PT	19921008	PASS	YES			
CVCF-D036-07F	PIPE -ELBOW	B-J B9.21	R00009222			PT	19921008	PASS	YES			
CVCF-D036-07G	PIPE -PIPE	B-J B9.21	R00009223			PT	19921008	PASS	YES			
CVCF-D036-08	PIPE -PIPE	B-J B9.21	R00009224			PT	19921008	PASS	YES			

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CVCF-D036-08A	ELBOW	B-J	R00009225			PT	19921229	PASS	YES			
	-PIPE	B9.21	R00005696			PT	19930117	PASS	YES			
CVCF-D036-08B	PIPE	B-J	R00009226			PT	19921013	PASS	YES			
	-ELBOW	B9.21										
CVCF-D036-09	PIPE	B-J	R00009227			PT	19921026	PASS	YES			
	-PIPE	B9.21										
CVCF-D036-10	PIPE	B-J	R00009228			PT	19921008	PASS	YES			
	-PIPE	B9.21										
CVCF-D036-10A	ELBOW	B-J	R00009229			PT	19921008	PASS	YES			
	-PIPE	B9.21										
CVCF-D036-10B	PIPE	B-J	R00009230			PT	19921008	PASS	YES			
	-ELBOW	B9.21										
CVCF-D036-10C	ELBOW	B-J	R00009231			PT	19921008	PASS	YES			
	-PIPE	B9.21										
CVCF-D036-10D	PIPE	B-J	R00009232			PT	19921229	PASS	YES			
	-ELBOW	B9.21										
CVCF-D036-10E	PIPE	B-J	R00009233			PT	19921008	PASS	YES			
	-PIPE	B9.21										
CVCF-D036-10F	PIPE	B-J	R00009234			PT	19921229	PASS	YES			
	-PIPE	B9.21										
CVCF-D036-10G	ELBOW	B-J	R00009235			PT	19921008	PASS	YES			
	-PIPE	B9.21										

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CVCF-D036-10H	PIPE -ELBOW	B-J B9.21	R00005004			PT	19900207	PASS	YES			
CVCF-D036-10I	ELBOW -PIPE	B-J B9.21	R00009236			PT	19921008	PASS	YES			
CVCF-D036-10J	PIPE -ELBOW	B-J B9.21	R00009237			PT	19921008	PASS	YES			
CVCF-D036-11	PIPE -ELBOW	B-J B9.21	R00009238			PT	19921008	PASS	YES			
CVCF-D036-12	VALVE -PIPE	B-J B9.21	R00009240			PT	19921008	PASS	YES			
CVCF-D036-13	PIPE -VALVE	B-J B9.21	R00009241			PT	19921008	PASS	YES			
CVCF-D036-14	RED TEE -PIPE	B-J B9.21	R00009242			PT	19921008	PASS	YES			
CVCF-D036-14A	ELBOW -PIPE	B-J B9.21	R00009243			PT	19921008	PASS	YES			
CVCF-D036-14B	PIPE -PIPE	B-J B9.21	R00009244			PT	19921008	PASS	YES			
CVCF-D036-15	WELDOLT -PIPE	B-J B9.21	R00009245			PT	19921008	PASS	YES			
CVCF-D036-35	PIPE -VALVE	B-J B9.21	R00009916			PT	19930308	PASS	YES			

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CVCF-D036-36	ELBOW -PIPE	B-J B9.21	R00009917			PT	19930414	PASS	YES			
CVCF-D036-37	PIPE -ELBOW	B-J B9.21	R00009902			PT	19930216	PASS	YES			
CVCF-D036-38	ELBOW -PIPE	B-J B9.21	R00009901			PT	19930216	PASS	YES			
CVCF-D036-39	PIPE -ELBOW	B-J B9.21	R00009900			PT	19930216	PASS	YES			
CVCF-D036-40	ELBOW -PIPE	B-J B9.21	R00009918			PT	19930308	PASS	YES			
CVCF-D036-41	PIPE -ELBOW	B-J B9.21	R00009892			PT	19930210	PASS	YES			
CVCF-D036-42	ELBOW -PIPE	B-J B9.21	R00009891			PT	19930210	PASS	YES			
CVCF-D036-43	PIPE -ELBOW	B-J B9.21	R00009919			PT	19930401	PASS	YES			
CVCF-D036-44	ELBOW -PIPE	B-J B9.21	R00009920			PT	19930308	PASS	YES			
CVCF-D036-45	PIPE -ELBOW	B-J B9.21	R00009921			PT	19930308	PASS	YES			
CVCF-D036-46	ELBOW -PIPE	B-J B9.21	R00009922			PT	19930308	PASS	YES			

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CVCF-D036-47	PIPE -ELBOW	B-J B9.21	R00009887			PT	19930209	PASS	YES			
CVCF-D036-48	ELBOW -PIPE	B-J B9.21	R00009888			PT	19930209	PASS	YES			
CVCF-D036-49	PIPE -ELBOW	B-J B9.21	R00009923			PT	19930308	PASS	YES			
CVCF-D036-50	ELBOW -PIPE	B-J B9.21	R00009924			PT	19930308	PASS	YES			
CVCF-D036-51	PIPE -ELBOW	B-J B9.21	R00009925			PT	19930331	PASS	YES			
CVCS-001	ELBOW -PIPE	B-J B9.21	R00005795			PT	19931116	PASS	YES			
CVCS-003	PIPE -RED TEE	B-J B9.21	R00009246			PT	19921008	PASS	YES			
CVCS-004	RED TEE -PIPE	B-J B9.21	R00009247			PT	19921008	PASS	YES			
CVCS-005	PIPE -ELBOW	B-J B9.21	R00009248			PT	19921008	PASS	YES			
CVCS-006	ELBOW -PIPE	B-J B9.21	R00009249			PT	19921008	PASS	YES			
CVCS-007	ELBOW -PIPE	B-J B9.21	R00009250			PT	19921008	PASS	YES			

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CVCS-008	PIPE	B-J	R00009251			PT	19921008	PASS	YES			
	-ELBOW	B9.21										
CVCS-009	ELBOW	B-J	R00009252			PT	19921008	PASS	YES			
	-PIPE	B9.21										
CVCS-011	ELBOW	B-J	R00009253			PT	19921013	PASS	YES			
	-PIPE	B9.21										
CVCS-012	PIPE	B-J	R00009254			PT	19921013	PASS	YES			
	-ELBOW	B9.21	R00005697			PT	19930107	PASS	YES			
CVCW-01	WELDOLT	B-J	R00009259			PT	19921026	PASS	YES			
	-BR CONN	B9.31	R00004976	C00000739	SQ-60	UT-0	19890925	PASS	NO	ISI-16		
			R00004976	C00000740	SQ-66	UT-25	19890925	PASS	NO	ISI-16		
CVCW-02	WELDOLT	B-J	R00009260			PT	19921026	PASS	YES			
	-BR CONN	B9.31	R00004916	C00000739	SQ-60	UT-0	19890925	PASS	NO	ISI-16		
			R00004916	C00000740	SQ-66	UT-25	19890925	PASS	NO	ISI-16		
CVCW-03	BR CONN	B-J	R00009261			PT	19921026	PASS	YES			
	-WELDOLT	B9.31	R00004951	C00000739	SQ-60	UT-0	19890925	PASS	NO	ISI-16		
			R00004951	C00000740	SQ-66	UT-25	19890925	PASS	NO	ISI-16		

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CVCF-B-T199-15	PIPE -PIPE	B-J B9.21	R00009907			PT	19930308	PASS	YES			
CVCF-B-T199-16	ELBOW -PIPE	B-J B9.21	R00009908			PT	19930308	PASS	YES			
CVCF-B-T199-17	PIPE -ELBOW	B-J B9.21	R00009884			PT	19930209	PASS	YES			
CVCF-B-T199-18	ELBOW -PIPE	B-J B9.21	R00009886			PT	19930209	PASS	YES			
CVCF-B-T199-19	PIPE -ELBOW	B-J B9.21	R00009909			PT	19930308	PASS	YES			
CVCF-B-T199-20	VALVE -PIPE	B-J B9.21	R00009910			PT	19930331	PASS	YES			
CVCF-B-T199-21	PIPE -VALVE	B-J B9.21	R00009911			PT	19930331	PASS	YES			
CVCF-B-T199-22	ELBOW -PIPE	B-J B9.21	R00009912			PT	19930331	PASS	YES			
CVCF-B-T199-23	PIPE -ELBOW	B-J B9.21	R00009893			PT	19930210	PASS	YES			
CVCF-B-T199-24	ELBOW -PIPE	B-J B9.21	R00009913			PT	19930331	PASS	YES			
CVCF-B-T199-25	PIPE -ELBOW	B-J B9.21	R00009899			PT	19930211	PASS	YES			

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CVCF-B-T199-26	ELBOW -PIPE	B-J B9.21	R00009898			PT	19930211	PASS	YES			
CVCF-B-T199-27	PIPE -ELBOW	B-J B9.21	R00009897			PT	19930211	PASS	YES			
			R00005700			PT	19930301	PASS	YES			
CVCF-B-T199-28	ELBOW -PIPE	B-J B9.21	R00009896			PT	19930211	PASS	YES			
CVCF-B-T199-29	PIPE -ELBOW	B-J B9.21	R00009895			PT	19930210	PASS	YES			
CVCF-B-T199-30	ELBOW -PIPE	B-J B9.21	R00009894			PT	19930210	PASS	YES			
CVCF-B-T199-31	PIPE -ELBOW	B-J B9.21	R00009885			PT	19930209	PASS	YES			
CVCF-B-T199-32	ELBOW -PIPE	B-J B9.21	R00009914			PT	19930308	PASS	YES			
CVCF-B-T199-33	PIPE -ELBOW	B-J B9.21	R00009882			PT	19930209	PASS	YES			
			R00005701			PT	19930312	PASS	YES			
CVCF-B-T199-34	PIPE -PIPE	B-J B9.21	R00009883			PT	19930209	PASS	YES			
			R00005702			PT	19930325	PASS	YES			
CVCF-B-T199-35	VALVE -PIPE	B-J B9.21	R00009915			PT	19930308	PASS	YES			
			R00005703			PT	19930320	PASS	YES			
CVCS-019	ELBOW -PIPE	B-J B9.21	R00009257			PT	19921008	PASS	YES			

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CVCS-020	PIPE -ELBOW	B-J B9.21	R00009258			PT	19921008	PASS	YES			

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CVCH-290	VSPRING	B-K-2	R00005979			VT-3	19940211	PASS	YES			
		B11.10	R00005979			VT-4	19940211	PASS	YES			
CVCH-291	M SNUB	B-K-2	R00005318			VT-3	19930510	PASS	YES			
		B11.10	R00006217			VT-4	19940819	PASS	YES			
CVCH-292	M SNUB	B-K-2	R00005319			VT-3	19930510	PASS	YES			
		B11.10	R00006218			VT-4	19940819	PASS	YES			
CVCH-293	RIG HGR	B-K-2	R00005320			VT-3	19930510	PASS	YES			
		B11.10										
CVCH-294	M SNUB	B-K-2	R00005943			VT-3	19940124	PASS	YES			
		B11.10	R00006219			VT-4	19940819	PASS	YES			
CVCH-295	RIG HGR	B-K-2	R00005321			VT-3	19930510	PASS	YES			
		B11.10										
CVCH-296	RIG HGR	B-K-2	R00005322			VT-3	19930510	PASS	YES			
		B11.10										
CVCH-297	RIG HGR	B-K-2	R00005323			VT-3	19930510	PASS	YES			
		B11.10										
CVCH-298	RIG HGR	B-K-2	R00005324			VT-3	19930510	PASS	YES			
		B11.10										
CVCH-299	RIG HGR	B-K-2	R00006073			VT-3	19940307	PASS	YES			
		B11.10										
CVCH-300	RIG HGR	B-K-2	R00005326			VT-3	19930510	PASS	YES			
		B11.10										

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CVCH-301	RIG HGR	B-K-2 B11.10	R00005327			VT-3	19930510	PASS	YES			
CVCH-302	RIG HGR	B-K-2 B11.10	R00005246			VT-3	19930510	PASS	YES			
CVCH-304	RIG HGR	B-K-2 B11.10	R00005328			VT-3	19930510	PASS	YES			
CVCH-306	RIG HGR	B-K-2 B11.10	R00005329			VT-3	19930511	PASS	YES			
CVCH-311	M SNUB	B-K-2 B11.10	R00006167 R00006220			VT-3 VT-4	19940330 19940819	PASS PASS	YES YES			
CVCH-317	M SNUB	B-K-2 B11.10	R00005206 R00006221			VT-3 VT-4	19930112 19940819	PASS PASS	YES YES			
CVCH-366	MSNUB-2	B-K-2 B11.10	R00006096 R00006225			VT-3 VT-4	19940313 19940817	PASS PASS	YES YES			
CVCH-563	M SNUB	B-K-2 B11.10	R00005299 R00006226			VT-3 VT-4	19930427 19940817	PASS PASS	YES YES			
47A406-9-48	RIG HGR	B-K-2 B11.10	R00005306			VT-3	19930506	PASS	YES			
47A406-9-49	RIG HGR	B-K-2 B11.10	R00005307			VT-3	19930506	PASS	YES			
47A406-9-50	M SNUB	B-K-2 B11.10	R00005308			VT-3	19930506	PASS	YES			

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47A406-9-50	M SNUB	B-K-2 B11.10	R00006232			VT-4	19940829	PASS	YES			
47A406-9-51	RIG HGR	B-K-2 B11.10	R00005309			VT-3	19930506	PASS	YES			

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CVCH-318	M SNUB	B-K-2	R00005547			VT-3	19930607	PASS	YES			
		B11.10	R00006222			VT-4	19940819	PASS	YES			
CVCH-319	M SNUB	B-K-2	R00005546			VT-3	19930607	PASS	YES			
		B11.10	R00006223			VT-4	19940819	PASS	YES			
CVCH-331	RIG HGR	B-K-2	R00005257			VT-3	19930412	PASS	YES			
		B11.10										
CVCH-383	RIG HGR	B-K-2	R00005769			VT-3	19931102	PASS	YES			
		B11.10										
RCH-042	M SNUB	B-K-2	R00005712			VT-3	19930910	PASS	YES			
		B11.10	R00006227			VT-4	19940817	PASS	YES			
RCH-047	RIG HGR	B-K-2	R00005713			VT-3	19930910	PASS	YES			
		B11.10										
47A406-9-56	RIG HGR	B-K-2	R00005542			VT-3	19930607	PASS	YES			
		B11.10										
47A406-9-57	RIG HGR	B-K-2	R00005543			VT-3	19930607	PASS	YES			
		B11.10										
47A406-9-58	RIG HGR	B-K-2	R00005544			VT-3	19930607	PASS	YES			
		B11.10										

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ISOMETRIC NUMBER : ISI-0050-C SHEET : 01

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CVCW-01A	FLG -PIPE	B-J B9.21	R00009282			PT	19921013	PASS	YES	ISI-04		
CVCW-01B	PIPE -PUMP	B-J B9.40	R00009283			PT	19921013	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
CVCF-B-T183-01A	PIPE -ELBOW	B-J B9.40	R00009313			PT	19921027	PASS	YES			
CVCF-B-T183-11	TEE -REDUCER	B-J B9.40	R00005699			PT	19901127	PASS	YES			
CVCF-B-T183-12	PIPE -TEE	B-J B9.40	R00009325			PT	19921230	PASS	YES			
CVCF-B-T183-18	ELBOW -PIPE	B-J B9.40	R00009331			PT	19930104	PASS	YES			
CVCF-D190-25	ELBOW -PIPE	B-J B9.40	R00009344			PT	19930104	PASS	YES			
CVCF-D190-26	PIPE -ELBOW	B-J B9.40	R00009345			PT	19930104	PASS	YES			
CVCW-02A	FLANGE -PIPE	B-J B9.21	R00009310			PT	19921013	PASS	YES	ISI-04		
			R00006126			PT	19930317	PASS	YES	ISI-04		
CVCW-02B	PIPE -PUMP	B-J B9.40	R00009311			PT	19921013	PASS	YES			
			R00006125			PT	19940317	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
CVCF-B-T217-10	ELBOW -PIPE	B-J B9.40	R00005704			PT	19901126	PASS	YES			
CVCF-B-T217-12A	PIPE -ELBOW	B-J B9.40	R00005398			PT	19930417	PASS	YES			
CVCF-B-T217-17	PIPE -ELBOW	B-J B9.40	R00005705			PT	19901126	PASS	YES			
CVCW-03A	FLANGE -PIPE	B-J B9.21	R00009346			PT	19921026	PASS	YES	ISI-04		
CVCW-03B	PIPE -PUMP	B-J B9.40	R00009347			PT	19921026	PASS	YES			

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CVCF-B-T225-06A	PIPE -ELBOW	B-J B9.40	R00008249			PT	19930203	PASS	YES			
CVCF-B-T225-06B	ELBOW -PIPE	B-J B9.40	R00009383			PT	19921022	PASS	YES			
CVCF-B-T225-07	PIPE -ELBOW	B-J B9.40	R00009384			PT	19921022	PASS	YES			
CVCF-B-T225-07A	ELBOW -PIPE	B-J B9.40	R00009385			PT	19921022	PASS	YES			
CVCF-B-T225-07B	PIPE -ELBOW	B-J B9.40	R00009386			PT	19921022	PASS	YES			
CVCF-B-T225-08	ELBOW -PIPE	B-J B9.40	R00009387			PT	19921022	PASS	YES			
CVCF-B-T225-09	PIPE -ELBOW	B-J B9.40	R00009388			PT	19930203	PASS	YES			
CVCF-B-T225-11	PIPE -ELBOW	B-J B9.40	R00009390			PT	19921022	PASS	YES			
CVCF-B-T225-26	PIPE -REDUCER	B-J B9.40	R00008255			PT	19930107	PASS	YES			
CVCW-04A	FLANGE -PIPE	B-J B9.21	R00009374			PT	19921013	PASS	YES	ISI-04		
CVCW-04B	PIPE -PUMP	B-J B9.40	R00009375			PT	19921013	PASS	YES			

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CVCH-001	RIG HGR	B-K-2 B11.10	R00005375			VT-3	19930514	PASS	YES			
CVCH-002	M SNUB	B-K-2 B11.10	R00006093			VT-3	19940313	PASS	YES			
			R00006224			VT-4	19940817	PASS	YES			
CVCH-003	RIG HGR	B-K-2 B11.10	R00005373			VT-3	19930514	PASS	YES			
CVCH-004	M SNUB	B-K-2 B11.10	R00005371			VT-3	19930514	PASS	YES			
			R00006207			VT-4	19940819	PASS	YES			
CVCH-005	RIG HGR	B-K-2 B11.10	R00005372			VT-3	19930514	PASS	YES			
CVCH-006	M SNUB	B-K-2 B11.10	R00006139			VT-3	19940319	PASS	YES			
			R00006208			VT-4	19940819	PASS	YES			
CVCH-007	RIG HGR	B-K-2 B11.10	R00005370			VT-3	19930514	PASS	YES			
47A406-8-56	M SNUB	B-K-2 B11.10	R00005374			VT-3	19930514	PASS	YES			
			R00006228			VT-4	19940817	PASS	YES			

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CVCH-030	RIG HGR	B-K-2 B11.10	R00005533			VT-3	19930604	PASS	YES			
CVCH-031	M SNUB	B-K-2 B11.10	R00005534 R00006209			VT-3 VT-4	19930604 19940819	PASS PASS	YES YES			
CVCH-032	M SNUB	B-K-2 B11.10	R00006210 R00006210			VT-3 VT-4	19940819 19940819	PASS PASS	YES YES			
CVCH-033	M SNUB	B-K-2 B11.10	R00006468 R00006468			VT-3 VT-4	19950210 19950210	PASS PASS	YES YES			
CVCH-034	M SNUB	B-K-2 B11.10	R00006094 R00006211			VT-3 VT-4	19940313 19940819	PASS PASS	YES YES			
CVCH-035	R STRUT	B-K-2 B11.10	R00005532			VT-3	19930604	PASS	YES			
CVCH-037	RIG HGR	B-K-2 B11.10	R00005537			VT-3	19930604	PASS	YES			
CVCH-038	RIG HGR	B-K-2 B11.10	R00005538			VT-3	19930604	PASS	YES			
CVCH-064	M SNUB	B-K-2 B11.10	R00005535 R00006229			VT-3 VT-4	19930604 19940822	PASS PASS	YES YES			
CVCH-065	M SNUB	B-K-2 B11.10	R00005536 R00006230			VT-3 VT-4	19930604 19940822	PASS PASS	YES YES			
CVCH-067	RIG HGR	B-K-2 B11.10	R00006181			VT-3	19940614	PASS	YES			

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CVCH-070	VSPRING	B-K-2	R00006590			VT-3	19950627	PASS	YES			
		B11.10	R00006590			VT-4	19950627	PASS	YES			
CVCH-071	RIG HGR	B-K-2	R00006212			VT-3	19940819	PASS	YES			
		B11.10										
CVCH-072	RIG HGR	B-K-2	R00005590			VT-3	19930616	PASS	YES			
		B11.10										
CVCH-073	RIG HGR	B-K-2	R00005541			VT-3	19930604	PASS	YES			
		B11.10										
CVCH-074	RIG HGR	B-K-2	R00005540			VT-3	19930604	PASS	YES			
		B11.10										
CVCH-095	M SNUB	B-K-2	R00006525			VT-3	19950413	PASS	YES			
		B11.10	R00006525			VT-4	19950413	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
CVCH-100	RIG HGR	B-K-2 B11.10	R00005565			VT-3	19930609	PASS	YES			
CVCH-101	M SNUB	B-K-2 B11.10	R00006214 R00006214			VT-3 VT-4	19940819 19940819	PASS PASS	YES YES			
CVCH-102	M SNUB	B-K-2 B11.10	R00006469 R00006469			VT-3 VT-4	19950210 19950210	PASS PASS	YES YES			
CVCH-103	RIG HGR	B-K-2 B11.10	R00005566			VT-3	19930609	PASS	YES			
CVCH-105	M SNUB	B-K-2 B11.10	R00006476 R00006476			VT-3 VT-4	19950301 19950301	PASS PASS	YES YES			
CVCH-106	RIG HGR	B-K-2 B11.10	R00005564			VT-3	19930609	PASS	YES			
CVCH-107	RIG HGR	B-K-2 B11.10	R00005562			VT-3	19930609	PASS	YES			
CVCH-108	RIG HGR	B-K-2 B11.10	R00006216			VT-3	19940819	PASS	YES			
CVCH-109	RIG HGR	B-K-2 B11.10	R00005561			VT-3	19930609	PASS	YES			

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CCPH-1A-A	PMP SUP	C-E C3. 80	R00003102			VT-3	19831020	PASS	YES			
CCPH-1B-B	PMP SUP	C-E C3. 80	R00003101			VT-3	19831020	PASS	YES			

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PDPH-1C	PMP SUP	C-E C3. 80	R00003098			VT-3	19831020	PASS	YES			

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FWF-D001-02	REDUCER	C-F	R00009450			MT	19921124	PASS	YES			
	-ELBOW	C5.21	R00009451	C00000929	WB-04	UT-45	19921201	PASS	YES			
FWF-D001-05	PIPE	C-F	R00009851			MT	19921130	PASS	YES			
	-VALVE	C5.21	R00009869	C00000928	WB-04	UT-45	19921203	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
FWS-008	ELBOW	C-F	R00009454			MT	19921123	PASS	YES			
	-PIPE	C5.21	R00009455	C00000927	WB-04	UT-45	19921202	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
FWF-D003-09	SPOOL P	C-F	R00009456			MT	19921117	PASS	YES			
	-INL NOZ	C5.21	R00009457	C00000936	WB-04	UT-45	19921130	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
FWF-D003-12	ELBOW	C-F	R00009458			MT	19921124	PASS	YES			
	-ELBOW	C5.21	R00009459	C00000931	WB-04	UT-45	19921201	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
FWS-017	PIPE	C-F	R00009460			MT	19921117	PASS	YES			
	-ELBOW	C5.21	R00009461	C00000931	WB-04	UT-45	19921201	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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FWF-D002-11	REDUCER	C-F	R00009462			MT	19921119	PASS	YES			
	-VALVE	C5.21	R00009463	C00000925	WB-04	UT-45	19921130	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
FWS-034	ELBOW	C-F	R00009466			MT	19921116	PASS	YES			
	-PIPE	C5.21	R00009467	C00000926	WB-04	UT-45	19921130	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
FWF-D002-20	PIPE	C-F	R00009468			MT	19921116	PASS	YES			
	-ELBOW	C5.21	R00009594	C00000933	WB-04	UT-45	19921124	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
FWF-D002-21A	ELBOW	C-F	R00009859			MT	19921116	PASS	YES			
	-SPOOL P	C5.21	R00009860	C00000934	WB-04	UT-45	19921202	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
FWS-040	PIPE	C-F	R00006582			MT	19950512	PASS	YES			
	-REDUCER	C5.21	R00006589	C00001311	WB-18	UT-45	19950524	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
FWS-043	PIPE	C-F	R00009464			PT	19921124	PASS	YES			
	-FL HEAD	C5.21	R00009465	C00000929	WB-04	UT-45	19921201	PASS	YES			
			R00009465	C00000930	WB-04	UT-60	19921201	PASS	YES		GEOMETRIC	NON-RELEVANT
FWS-047	ELBOW	C-F	R00009469			MT	19921111	PASS	YES			
	-RED TEE	C5.21	R00009470	C00000932	WB-04	UT-45	19921130	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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FWF-D369-02	ELBOW -PIPE	C-F C5.11	R00009471			MT	19921130	PASS	YES			
FWF-D369-11	ELBOW -VALVE	C-F C5.11	R00009472			MT	19921201	PASS	YES			
FWF-D369-28	PIPE -ELBOW	C-F C5.11	R00009473			MT	19921125	PASS	YES			
FWS-050	PIPE -FL HEAD	C-F C5.11	R00009474			MT	19921201	PASS	YES			
FWS-050C	TEE -REDUCER	C-F C5.11	R00009475			MT	19921125	PASS	YES			

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FWF-D372-03	PIPE -VALVE	C-F C5.11	R00009476			MT	19921119	PASS	YES			
FWF-D372-05	ELBOW -VALVE	C-F C5.11	R00009477			MT	19921104	PASS	YES			
FWF-D372-08	REDUCER -REDUCER	C-F C5.11	R00009478			MT	19921112	PASS	YES			
FWF-D372-11	ELBOW -PIPE	C-F C5.11	R00009479			MT	19921130	PASS	YES			
FWF-D372-28	PIPE -ELBOW	C-F C5.11	R00009480			MT	19921112	PASS	YES			
FWF-D372-36	ELBOW -PIPE	C-F C5.11	R00009481			MT	19921104	PASS	YES			

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AFS-001	REDUCER -PIPE	C-F C5.11	R00009482			MT	19921124	PASS	YES			
FWF-D370-01	FLUE HD -PIPE	C-F C5.11	R00009483			MT	19921119	PASS	YES			
FWF-D370-16	ELBOW -VES NOZ	C-F C5.11	R00009484			MT	19921124	PASS	YES			
FWF-D370-21	ELBOW -ELBOW	C-F C5.11	R00009485			MT	19921130	PASS	YES			
FWS-067B	TEE -REDUCER	C-F C5.11	R00009486			MT	19921124	PASS	YES			
FWS-070	ELBOW -PIPE	C-F C5.11	R00009487			MT	19930121	PASS	YES			

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AFS-010	ELBOW -PIPE	C-F C5.11	R00009488			MT	19921123	PASS	YES			
AFW-D375-05	PIPE -ELBOW	C-F C5.11	R00009489			MT	19921123	PASS	YES			
FWF-D371-08	ELBOW -PIPE	C-F C5.11	R00009490			MT	19921123	PASS	YES			
FWS-073	PENPIPE -FL HEAD	C-F C5.11	R00009491			MT	19930116	PASS	YES			
FWS-079	REDUCER -ELBOW	C-F C5.11	R00009492			MT	19921123	PASS	YES			
FWS-084	ELBOW -ELBOW	C-F C5.11	R00009493			MT	19921123	PASS	YES			

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FWH-200	M SNUB	C-E C3. 50	R00006135			VT-3	19940319	PASS	YES			
		C-E C3. 60	R00006379			VT-4	19941005	PASS	YES			
FWH-201	M SNUB	C-E C3. 50	R00005829			VT-3	19931209	PASS	YES			
		C-E C3. 60	R00006380			VT-4	19941005	PASS	YES			
FWH-202	RIG HGR	C-E C3. 50	R00006072			VT-3	19940307	PASS	YES			
FWH-203	RIG HGR	C-E C3. 50	R00005494			VT-3	19930528	PASS	YES			
FWH-204	RIG HGR	C-E C3. 50	R00006401			VT-3	19941017	PASS	YES			
FWH-205	M SNUB	C-E C3. 50	R00006464			VT-3	19950203	PASS	YES			
		C-E C3. 60	R00006464			VT-4	19950203	PASS	YES			
FWH-206	R STRUT	C-E C3. 50	R00006338			VT-3	19940914	PASS	YES			
FWH-208	RIG HGR	C-E C3. 50	R00006206			VT-3	19940812	PASS	YES			

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FWH-209	RIG HGR	C-E C3. 50	R00005828			VT-3	19931209	PASS	YES			

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FWH-240	MSNUB-2	C-E C3. 50	R00006141			VT-3	19940320	PASS	YES			
		C-E C3. 60	R00006385			VT-4	19941006	PASS	YES			
FWH-241	M SNUB	C-E C3. 50	R00005974			VT-3	19940208	PASS	YES			
		C-E C3. 60	R00006384			VT-4	19941006	PASS	YES			
FWH-242	RIG HGR	C-E C3. 50	R00006438			VT-3	19941102	PASS	YES			
FWH-243	RIG HGR	C-E C3. 50	R00006011			VT-3	19940217	PASS	YES			
FWH-244	M SNUB	C-E C3. 50	R00006471			VT-3	19950217	PASS	YES			
		C-E C3. 60	R00006471			VT-4	19950217	PASS	YES			
FWH-245	RIG HGR	C-E C3. 50	R00006441			VT-3	19941103	PASS	YES			
FWH-246	RIG HGR	C-E C3. 50	R00006442			VT-3	19941103	PASS	YES			
FWH-247	RIG HGR	C-E C3. 50	R00006457			VT-3	19950113	PASS	YES			

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FWH-248	M SNUB	C-E C3. 50	R00006453			VT-3	19950112	PASS	YES			
		C-E C3. 60	R00006453			VT-4	19950112	PASS	YES			
FWH-249	RIG HGR	C-E C3. 50	R00006015			VT-3	19940217	PASS	YES			

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FWH-280	MSNUB-2	C-E C3. 50	R00006107			VT-3	19940315	PASS	YES			
		C-E C3. 60	R00006386			VT-4	19941006	PASS	YES			
FWH-281	M SNUB	C-E C3. 50	R00006024			VT-3	19940223	PASS	YES			
		C-E C3. 60	R00006387			VT-4	19941006	PASS	YES			
FWH-282	RIG HGR	C-E C3. 50	R00006092			VT-3	19940311	PASS	YES			
FWH-284	RIG HGR	C-E C3. 50	R00006454			VT-3	19950113	PASS	YES			
FWH-285	M SNUB	C-E C3. 50	R00006410			VT-3	19941017	PASS	YES			
		C-E C3. 60	R00006410			VT-4	19941017	PASS	YES			
FWH-286	RIG HGR	C-E C3. 50	R00006403			VT-3	19941014	PASS	YES			
FWH-288	RIG HGR	C-E C3. 50	R00006455			VT-3	19950113	PASS	YES			
FWH-289	M SNUB	C-E C3. 50	R00006404			VT-3	19950213	PASS	YES			

SYSTEM : FWS FEEDWATER SYSTEM - 003
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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
FWH-289	M SNUB	C-E C3. 60	R00006404			VT-4	19950213	PASS	YES			
FWH-290	RIG HGR	C-E C3. 50	R00006456			VT-3	19950113	PASS	YES			
FWH-291	RIG HGR	C-E C3. 50	R00006470			VT-3	19950213	PASS	YES			

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SYSTEM : FWS FEEDWATER SYSTEM - 003
ISOMETRIC NUMBER : ISI-0062-C SHEET : 04

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
FWH-320	M SNUB	C-E C3. 50	R00006449			VT-3	19941123	PASS	YES			
		C-E C3. 60	R00006449			VT-4	19941123	PASS	YES			
FWH-321	M SNUB	C-E C3. 50	R00006025			VT-3	19940223	PASS	YES			
		C-E C3. 60	R00006381			VT-4	19941005	PASS	YES			
FWH-322	RIG HGR	C-E C3. 50	R00006422			VT-3	19941025	PASS	YES			
FWH-323	M SNUB	C-E C3. 50	R00006402			VT-3	19941017	PASS	YES			
		C-E C3. 60	R00006402			VT-4	19941017	PASS	YES			
FWH-324	RIG HGR	C-E C3. 50	R00006400			VT-3	19941017	PASS	YES			
FWH-325	RIG HGR	C-E C3. 50	R00006458			VT-3	19950117	PASS	YES			
FWH-327	RIG HGR	C-E C3. 50	R00006372			VT-3	19941005	PASS	YES			
FWH-328	M SNUB	C-E C3. 50	R00006370			VT-3	19940923	PASS	YES			

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SYSTEM : FWS FEEDWATER SYSTEM - 003
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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
FWH-328	M SNUB	C-E C3. 60	R00006370			VT-4	19940923	PASS	YES			
FWH-329	RIG HGR	C-E C3. 50	R00006371			VT-3	19940923	PASS	YES			
FWH-331	RIG HGR	C-E C3. 50	R00005754			VT-3	19931019	PASS	YES			
FWH-332	RIG HGR	C-E C3. 50	R00006189			VT-3	19940729	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
1-03A-360	RIG HGR	C-E C3. 50	R00005668			VT-3	19930729	PASS	YES			
1-03A-363	RIG HGR	C-E C3. 50	R00005685			VT-3	19930825	PASS	YES			
1-03A-364	RIG HGR	C-E C3. 50	R00005686			VT-3	19930825	PASS	YES			
1-03A-365	RIG HGR	C-E C3. 50	R00005687			VT-3	19930825	PASS	YES			
1-03A-366	RIG HGR	C-E C3. 50	R00005947			VT-3	19940125	PASS	YES			
1-03A-368	RIG HGR	C-E C3. 50	R00005932			VT-3	19940114	PASS	YES			
1-03A-369	M SNUB	C-E C3. 50	R00005874			VT-3	19931221	PASS	YES			
		C-E C3. 60	R00006383			VT-4	19941005	PASS	YES			
1-03A-370	M SNUB	C-E C3. 50	R00006003			VT-3	19940215	PASS	YES			
		C-E C3. 60	R00006080			VT-4	19940309	PASS	YES			
1-03A-372	RIG HGR	C-E C3. 50	R00005921			VT-3	19940114	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
1-03A-373	M SNUB	C-E C3. 50	R00005581			VT-3	19930611	PASS	YES			
		C-E C3. 60	R00006083			VT-4	19940309	PASS	YES			
1-03A-374	M SNUB	C-E C3. 50	R00005711			VT-3	19930921	PASS	YES			
		C-E C3. 60	R00006412			VT-4	19941017	PASS	YES			
1-03A-377	M SNUB	C-E C3. 50	R00005786			VT-3	19931108	PASS	YES			
		C-E C3. 60	R00006411			VT-4	19941017	PASS	YES			
1-03A-378	VSPRING	C-E C3. 50	R00006610			VT-3	19950922	PASS	YES			
		C-E C3. 60	R00006610			VT-4	19950922	PASS	YES			
1-03A-379	RIG HGR	C-E C3. 50	R00005920			VT-3	19940114	PASS	YES			
1-03A-380	RIG HGR	C-E C3. 50	R00005793			VT-3	19931116	PASS	YES			
1-03A-381	RIG HGR	C-E C3. 50	R00005770			VT-3	19931102	PASS	YES			

SYSTEM : FWS FEEDWATER SYSTEM - 003
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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
1-03A-382	RIG HGR	C-E C3. 50	R00005764			VT-3	19931027	PASS	YES			
47A401-7-31	MSNUB-2	C-E C3. 50	R00005671			VT-3	19930803	PASS	YES			
		C-E C3. 60	R00006382			VT-4	19941005	PASS	YES			
47A401-7-32	M SNUB	C-E C3. 50	R00006447			VT-3	19941117	PASS	YES			
		C-E C3. 60	R00006447			VT-4	19941117	PASS	YES			
47A401-7-36	VSPRING	C-E C3. 50	R00006077			VT-3	19940308	PASS	YES			
		C-E C3. 60	R00006077			VT-4	19940308	PASS	YES			
47A401-7-38	VSPRING	C-E C3. 50	R00006076			VT-3	19940308	PASS	YES			
		C-E C3. 60	R00006076			VT-4	19940308	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
FWH-403	RIG HGR	C-E C3. 50	R00005265			VT-3	19930415	PASS	YES			
FWH-405	M SNUB	C-E C3. 50	R00005264			VT-3	19930415	PASS	YES			
		C-E C3. 60	R00006393			VT-4	19941006	PASS	YES			
FWH-406	RIG HGR	C-E C3. 50	R00005594			VT-3	19930616	PASS	YES			
FWH-407	RIG HGR	C-E C3. 50	R00005316			VT-3	19930503	PASS	YES			
FWH-408	VSPRING	C-E C3. 50	R00006037			VT-3	19940301	PASS	YES			
		C-E C3. 60	R00006037			VT-4	19940301	PASS	YES			
FWH-409	M SNUB	C-E C3. 50	R00005930			VT-3	19940114	PASS	YES			
		C-E C3. 60	R00006392			VT-4	19941006	PASS	YES			
FWH-410	RIG HGR	C-E C3. 50	R00006036			VT-3	19940228	PASS	YES			
FWH-411	M SNUB	C-E C3. 50	R00006052			VT-3	19940302	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
FWH-428	RIG HGR	C-E C3. 50	R00005928			VT-3	19940114	PASS	YES			
FWH-429	RIG HGR	C-E C3. 50	R00005929			VT-3	19940114	PASS	YES			
			R00006193			VT-3	19940809	PASS	YES			
47A401-7-30	M SNUB	C-E C3. 50	R00005788			VT-3	19931109	PASS	YES			
		C-E C3. 60	R00006408			VT-4	19941014	PASS	YES			
47A401-8-01	MSNUB-2	C-E C3. 50	R00005978			VT-3	19940211	PASS	YES			
		C-E C3. 60	R00006395			VT-4	19941006	PASS	YES			
47A427-6-01	M SNUB	C-E C3. 50	R00005973			VT-3	19940207	PASS	YES			
		C-E C3. 60	R00006394			VT-4	19941006	PASS	YES			

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SYSTEM : FWS FEEDWATER SYSTEM - 003
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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
1-03A-447	VSPRING	C-E C3. 50	R00006042			VT-3	19940301	PASS	YES			
		C-E C3. 60	R00006042			VT-4	19940301	PASS	YES			
1-03A-449	M SNUB	C-E C3. 50	R00006085			VT-3	19940310	PASS	YES			
		C-E C3. 60	R00006390			VT-4	19941006	PASS	YES			
1-03A-450	M SNUB	C-E C3. 50	R00006084			VT-3	19940310	PASS	YES			
		C-E C3. 60	R00006391			VT-4	19941006	PASS	YES			
1-03A-452	RIG HGR	C-E C3. 50	R00005715			VT-3	19930913	PASS	YES			
1-03A-453	MSNUB-2	C-E C3. 50	R00006028			VT-3	19940224	PASS	YES			
		C-E C3. 60	R00006389			VT-4	19941006	PASS	YES			
1-03A-454	RIG HGR	C-E C3. 50	R00005750			VT-3	19931008	PASS	YES			
1-03A-455	M SNUB	C-E C3. 50	R00005751			VT-3	19931008	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
1-03A-468	M SNUB	C-E C3. 50	R00005776			VT-3	19931104	PASS	YES			
		C-E C3. 60	R00006406			VT-4	19941014	PASS	YES			
1-03A-469	RIG HGR	C-E C3. 50	R00005777			VT-3	19931104	PASS	YES			
1-03A-472	RIG HGR	C-E C3. 50	R00005781			VT-3	19931105	PASS	YES			
1-03A-473	RIG HGR	C-E C3. 50	R00005990			VT-3	19940215	PASS	YES			
47A427-5-23	RIG HGR	C-E C3. 50	R00005678 R00005756			VT-3 VT-3	19930809 19931021	PASS PASS	YES YES			

SYSTEM : FWS FEEDWATER SYSTEM - 003
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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
FWH-480	M SNUB	C-E C3. 50	R00005763			VT-3	19931027	PASS	YES			
		C-E C3. 60	R00006373			VT-4	19941005	PASS	YES			
FWH-481	VSPRING	C-E C3. 50	R00006041			VT-3	19940301	PASS	YES			
		C-E C3. 60	R00006041			VT-4	19940301	PASS	YES			
FWH-482	MSNUB-2	C-E C3. 50	R00006099			VT-3	19940313	PASS	YES			
		C-E C3. 60	R00006374			VT-4	19941005	PASS	YES			
FWH-483	M SNUB	C-E C3. 50	R00005808			VT-3	19931205	PASS	YES			
		C-E C3. 60	R00006375			VT-4	19941005	PASS	YES			
FWH-484	RIG HGR	C-E C3. 50	R00005725			VT-3	19930929	PASS	YES			
FWH-485	M SNUB	C-E C3. 50	R00005726			VT-3	19930929	PASS	YES			
		C-E C3. 60	R00006376			VT-4	19941005	PASS	YES			

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FWH-486	RIG HGR	C-E C3. 50	R00005599			VT-3	19930621	PASS	YES			
FWH-487	MSNUB-2	C-E C3. 50	R00005765			VT-3	19931101	PASS	YES			
		C-E C3. 60	R00006377			VT-4	19941005	PASS	YES			
FWH-488	RIG HGR	C-E C3. 50	R00005666			VT-3	19930727	PASS	YES			
FWH-489	RIG HGR	C-E C3. 50	R00005766			VT-3	19931101	PASS	YES			
FWH-490	RIG HGR	C-E C3. 50	R00005602			VT-3	19930621	PASS	YES			
FWH-491	RIG HGR	C-E C3. 50	R00006004			VT-3	19940215	PASS	YES			
FWH-492	RIG HGR	C-E C3. 50	R00005993			VT-3	19940214	PASS	YES			
FWH-494	M SNUB	C-E C3. 50	R00006006			VT-3	19940216	PASS	YES			
		C-E C3. 60	R00006414			VT-4	19941017	PASS	YES			
FWH-495	RIG HGR	C-E C3. 50	R00005651			VT-3	19930714	PASS	YES			

SYSTEM : FWS FEEDWATER SYSTEM - 003
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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
FWH-496	RIG HGR	C-E C3. 50	R00006007			VT-3	19940216	PASS	YES			
FWH-497	M SNUB	C-E C3. 50	R00005992			VT-3	19940214	PASS	YES			
		C-E C3. 60	R00006413			VT-4	19941017	PASS	YES			
FWH-498	RIG HGR	C-E C3. 50	R00005733			VT-3	19931001	PASS	YES			
FWH-499	RIG HGR	C-E C3. 50	R00005734			VT-3	19931001	PASS	YES			
FWH-500	RIG HGR	C-E C3. 50	R00005691			VT-3	19930826	PASS	YES			
FWH-501	M SNUB	C-E C3. 50	R00006044			VT-3	19940301	PASS	YES			
		C-E C3. 60	R00006415			VT-4	19941017	PASS	YES			
FWH-502	RIG HGR	C-E C3. 50	R00005692			VT-3	19930826	PASS	YES			
FWH-503	RIG HGR	C-E C3. 50	R00006143			VT-3	19940321	PASS	YES			
FWH-504	RIG HGR	C-E C3. 50	R00005652			VT-3	19930714	PASS	YES			

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47A401-7-35	M SNUB	C-E C3. 50	R00005664			VT-3	19930720	PASS	YES			
		C-E C3. 60	R00006378			VT-4	19941005	PASS	YES			

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ISOMETRIC NUMBER : ISI-0082-A SHEET : 01

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FWVS-3-656	VAL BDY	C-G	R00003110			MT	19831021	FAIL	YES		SURF, LINEAR	IND. RMVD.
		C6.20	R00003175			MT	19831102	PASS	YES			
FWVS-3-669	VAL BDY	C-G	R00003109			MT	19831021	FAIL	YES		SURF, LINEAR	IND. RMVD.
		C6.20	R00003176			MT	19831102	PASS	YES			

SYSTEM : MSS MAIN STEAM SYSTEM - 001
ISOMETRIC NUMBER : CHM-2669-C SHEET : 01

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MSF-D001-01	VES NOZ	C-F	R00009597			MT	19921215	PASS	YES			
	-ELBOW	C5.21	R00009408	C00000886	WB-05	UT-45	19921217	PASS	YES		GEOMETRIC	NON-RELEVANT
MSF-D001-07	PIPE	C-F	R00009409			MT	19921209	PASS	YES			
	-TEE	C5.21	R00009410	C00000880	WB-05	UT-45	19921214	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
MSS-003B	FL HEAD	C-F	R00009411			MT	19921208	PASS	YES			
	-PIPE	C5.21	R00009412	C00000879	WB-05	UT-45	19921209	PASS	YES		GEOMETRIC	NON-RELEVANT
MSS-004-LS	TEESEAM	C-F	R00009417			MT	19921208	PASS	YES			
		C5.22	R00009418	C00000870	WB-05	UT-45	19921210	PASS	YES			
MSS-008	ELBOW	C-F	R00009852			PT	19921209	PASS	YES			
	-PIPE	C5.21	R00009856	C00000878	WB-05	UT-45	19921210	PASS	NO	ISI-04	GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00009856	C00000892	WB-05	UT-45	19930105	PASS	NO	ISI-04	GEOMETRIC	NON-RELEVANT
MSS-009	PIPE	C-F	R00009413			MT	19921207	PASS	YES			
	-ELBOW	C5.21	R00009414	C00000881	WB-05	UT-45	19921208	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
MSS-015	HEADER	C-F	R00009415			MT	19921207	PASS	YES			
	-PIPE	C5.21	R00009416	C00000887	BNP-28	UT-45	19921216	PASS	YES			

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MSF-D009-04	PIPE	C-F	R00009419			MT	19921215	PASS	YES			
	-ELBOW	C5.21	R00009595	C00000885	WB-05	UT-45	19921216	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
MSS-024-LS-1	ELBSEAM	C-F	R00009422			PT	19921214	PASS	YES			
		C5.22	R00009423	C00000888	WB-05	UT-45	19921215	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00009423	C00000892	WB-05	UT-45	19930105	PASS	YES		GEOMETRIC	NON-RELEVANT
MSS-024-LS-2	ELBSEAM	C-F	R00009424			PT	19921214	PASS	YES			
		C5.22	R00009425	C00000888	WB-05	UT-45	19921215	PASS	YES			
			R00009425	C00000892	WB-05	UT-45	19930105	PASS	YES			
MSS-034	HEADER	C-F	R00009420			MT	19921215	PASS	YES			
	-PIPE	C5.21	R00009421	C00000887	BNP-28	UT-45	19921216	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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MSF-D003-06	PENPIPE	C-F	R00009426			MT	19921215	PASS	YES			
	-PIPE	C5.21	R00009427	C00000884	WB-05	UT-45	19921216	PASS	YES			
MSS-038	PIPE	C-F	R00009428			MT	19921215	PASS	YES			
	-TEE	C5.21	R00009429	C00000884	WB-05	UT-45	19921216	PASS	YES		GEOMETRIC	NON-RELEVANT
MSS-044	CAP	C-F	R00009430			MT	19921209	PASS	YES			
	-HEADER	C5.21	R00009431	C00000884	WB-05	UT-45	19921216	PASS	YES		GEOMETRIC	NON-RELEVANT
MSS-046	HEADER	C-F	R00009432			MT	19921208	PASS	YES			
	-PIPE	C5.21	R00009433	C00000883	WB-19	UT-45	19921210	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00009433	C00000889	WB-19	UT-45	19930104	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
MSS-047	HEADER	C-F	R00009434			MT	19921209	PASS	YES			
	-PIPE	C5.21	R00009435	C00000887	BNP-28	UT-45	19921216	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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MSF-D006-04-LS-1	ELBSEAM	C-F	R00009442			MT	19921215	PASS	YES			
		C5.22	R00009443	C00000885	WB-05	UT-45	19921216	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00009443	C00000893	WB-05	UT-45	19930104	PASS	YES			
MSF-D006-04-LS-2	ELBSEAM	C-F	R00009444			MT	19921215	PASS	YES			
		C5.22	R00009445	C00000885	WB-05	UT-45	19921216	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00009445	C00000893	WB-05	UT-45	19930104	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
MSF-D006-10	PIPE	C-F	R00009436			MT	19921214	PASS	YES			
	-VALVE	C5.21	R00009437	C00000886	WB-05	UT-45	19921217	PASS	YES			
MSF-D006-15	VALVE	C-F	R00009853			MT	19921207	PASS	YES	ISI-04		
	-FLG	C5.21	R00009855			RT	19930108	PASS	YES	ISI-04		
MSS-055	ELBOW	C-F	R00009438			MT	19921215	PASS	YES			
	-ELBOW	C5.21	R00009439	C00000885	WB-05	UT-45	19921216	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											PLANAR	EVALUATED,OK
											PLANAR	EVALUATED,OK
			R00009439	C00000890	WB-05	UT-45	19930104	PASS	YES		PLANAR	EVALUATED,OK
			R00009439	C00000891	WB-05	UT-60	19930104	PASS	YES		PLANAR	EVALUATED,OK
MSS-061A-LS	L/S HDR	C-F	R00009446			MT	19921207	PASS	YES			
		C5.22	R00009447	C00000871	SQ-40	UT-45	19921210	PASS	YES			
MSS-061B	HEADER	C-F	R00009440			MT	19921207	PASS	YES			
		C5.21	R00009441	C00000882	SQ-40	UT-45	19921214	PASS	YES			
MSS-061B-LS	L/S HDR	C-F	R00009448			MT	19921209	PASS	NO			
		C5.22										

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MSS-061B-LS	L/S HDR	C-F C5.22	R00009449	C00000871	SQ-40	UT-45	19921210	PASS	NO	ISI-04	PLANAR	EVALUATED,OK
											PLANAR	EVALUATED,OK
											PLANAR	EVALUATED,OK
											PLANAR	EVALUATED,OK
											PLANAR	EVALUATED,OK
			R00009449	C00000873	SQ-40	UT-45	19921215	PASS	NO	ISI-04	PLANAR	EVALUATED,OK
											PLANAR	EVALUATED,OK
											PLANAR	EVALUATED,OK
											PLANAR	EVALUATED,OK
											PLANAR	EVALUATED,OK
			R00009449	C00000872	SQ-40	UT-45	19921217	PASS	NO	ISI-04	PLANAR	EVALUATED,OK
											PLANAR	EVALUATED,OK
											PLANAR	EVALUATED,OK
											PLANAR	EVALUATED,OK
											PLANAR	EVALUATED,OK
			R00009449	C00000877	SQ-40	UT-60	19921217	PASS	YES	ISI-04	PLANAR	EVALUATED,OK
											PLANAR	EVALUATED,OK
											PLANAR	EVALUATED,OK
											PLANAR	EVALUATED,OK
											PLANAR	EVALUATED,OK

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MSH-302	HVSPG 2	C-E C3. 50	R00005683			VT-3	19930820	PASS	YES			
		C-E C3. 60	R00005910			VT-4	19940113	PASS	YES			
MSH-303	MSNUB-2	C-E C3. 50	R00006054			VT-3	19940304	PASS	YES			
		C-E C3. 60	R00006054			VT-4	19940304	PASS	YES			
MSH-304	RIG HGR	C-E C3. 50	R00006055			VT-3	19940304	PASS	YES			
MSH-305	VSPRING	C-E C3. 50	R00005747			VT-3	19931007	PASS	YES			
		C-E C3. 60	R00005909			VT-4	19940113	PASS	YES			
MSH-306	RIG HGR	C-E C3. 50	R00005748			VT-3	19931007	PASS	YES			
MSH-307	M SNUB	C-E C3. 50	R00005787			VT-3	19931108	PASS	YES			
		C-E C3. 60	R00005900			VT-4	19940112	PASS	YES			
MSH-308	RIGSTR2	C-E C3. 50	R00006477			VT-3	19950304	PASS	YES			

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MSH-309	VSPRING	C-E C3. 50	R00005908			VT-3	19940112	PASS	YES			
		C-E C3. 60	R00005908			VT-4	19940112	PASS	YES			
MSH-310	RIG HGR	C-E C3. 50	R00005904			VT-3	19940112	PASS	YES			
MSH-311	RIG HGR	C-E C3. 50	R00005905			VT-3	19940112	PASS	YES			
MSH-312	M SNUB	C-E C3. 50	R00005731			VT-3	19930930	PASS	YES			
		C-E C3. 60	R00005899			VT-4	19940110	PASS	YES			
MSH-313	M SNUB	C-E C3. 50	R00006191			VT-3	19940808	PASS	YES			
		C-E C3. 60	R00006191			VT-4	19940808	PASS	YES			
MSH-315	RIG HGR	C-E C3. 50	R00006190			VT-3	19940808	PASS	YES			
MSH-317	M SNUB	C-E C3. 50	R00005924			VT-3	19940114	PASS	YES			
		C-E C3. 60	R00005924			VT-4	19940114	PASS	YES			

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MSH-318	RIG HGR	C-E C3. 50	R00005925			VT-3	19940114	PASS	YES			

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MSH-340	M SNUB	C-E C3. 50	R00006058			VT-3	19940304	PASS	YES			
		C-E C3. 60	R00006058			VT-4	19940304	PASS	YES			
MSH-342	HVSPG 2	C-E C3. 50	R00005717			VT-3	19930915	PASS	YES			
		C-E C3. 60	R00005903			VT-4	19940112	PASS	YES			
MSH-343	MSNUB-2	C-E C3. 50	R00006604			VT-3	19950712	PASS	YES			
		C-E C3. 60	R00006604			VT-4	19950712	PASS	YES			
MSH-344	VSPRING	C-E C3. 50	R00005902			VT-3	19940112	PASS	YES			
		C-E C3. 60	R00005902			VT-4	19940112	PASS	YES			
MSH-345	RIG HGR	C-E C3. 50	R00005730			VT-3	19930930	PASS	YES			
MSH-347	RIG HGR	C-E C3. 50	R00005784 R00006151			VT-3 VT-3	19931108 19940324	PASS PASS	YES YES			
MSH-348	M SNUB	C-E C3. 50	R00006613			VT-3	19951025	PASS	YES			

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MSH-348	M SNUB	C-E C3. 60	R00006613			VT-4	19951025	PASS	YES			
MSH-349	MSNUB-2	C-E C3. 50	R00005609			VT-3	19930623	PASS	YES			
		C-E C3. 50	R00005785			VT-3	19931108	PASS	YES			
		C-E C3. 60	R00006082			VT-4	19940309	PASS	YES			
MSH-350	M SNUB	C-E C3. 50	R00006205			VT-3	19940812	PASS	YES			
		C-E C3. 60	R00006205			VT-4	19940812	PASS	YES			
MSH-352	RIG HGR	C-E C3. 50	R00005890 R00006185			VT-3 VT-3	19940107 19940725	PASS PASS	YES YES			
MSH-354	RIG HGR	C-E C3. 50	R00006165			VT-3	19940328	PASS	YES			
MSH-355	M SNUB	C-E C3. 50	R00006152			VT-3	19940324	PASS	YES			
		C-E C3. 60	R00006152			VT-4	19940324	PASS	YES			

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MSH-380	M SNUB	C-E C3. 50	R00006057			VT-3	19940304	PASS	YES			
		C-E C3. 60	R00006057			VT-4	19940304	PASS	YES			
MSH-382	HVSPG 2	C-E C3. 50	R00005796			VT-3	19931117	PASS	YES			
		C-E C3. 60	R00006131			VT-4	19940318	PASS	YES			
MSH-383	MSNUB-2	C-E C3. 50	R00006056			VT-3	19940304	PASS	YES			
		C-E C3. 60	R00006056			VT-4	19940304	PASS	YES			
MSH-384	HVSPG 2	C-E C3. 50	R00006473			VT-3	19950220	PASS	YES			
		C-E C3. 60	R00006473			VT-4	19950220	PASS	YES			
MSH-385	RIG HGR	C-E C3. 50	R00005798			VT-3	19931117	PASS	YES			
MSH-388	RIG HGR	C-E C3. 50	R00005827			VT-3	19931208	PASS	YES			
MSH-389	M SNUB -HVSPG 2	C-E C3. 50	R00006368			VT-3	19940923	PASS	YES			

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MSH-389	M SNUB -HVSPG 2	C-E C3. 60	R00006368			VT-4	19940923	PASS	YES			
MSH-391	M SNUB	C-E C3. 50	R00006081			VT-3	19940309	PASS	YES			
		C-E C3. 60	R00006081			VT-4	19940309	PASS	YES			
MSH-392	M SNUB	C-E C3. 50	R00006231			VT-3	19940822	PASS	YES			
		C-E C3. 60	R00006231			VT-4	19940822	PASS	YES			
MSH-394	RIG HGR	C-E C3. 50	R00005680			VT-3	19930817	PASS	YES			
			R00006184			VT-3	19940725	PASS	YES			
MSH-396	RIG HGR	C-E C3. 50	R00005937			VT-3	19940120	PASS	YES			
MSH-397	M SNUB	C-E C3. 50	R00005938			VT-3	19940120	PASS	YES			
		C-E C3. 60	R00005938			VT-4	19940120	PASS	YES			

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MSH-422	VSPRING	C-E C3. 50	R00005911			VT-3	19940113	PASS	YES			
		C-E C3. 60	R00005911			VT-4	19940113	PASS	YES			
MSH-423	MSNUB-2	C-E C3. 50	R00006043			VT-3	19940301	PASS	YES			
		C-E C3. 60	R00006043			VT-4	19940301	PASS	YES			
MSH-424	M SNUB	C-E C3. 50	R00006132			VT-3	19940318	PASS	YES			
		C-E C3. 60	R00006132			VT-4	19940318	PASS	YES			
MSH-425	HVSPG 2	C-E C3. 50	R00005877			VT-3	19931221	PASS	YES			
		C-E C3. 60	R00005912			VT-4	19940113	PASS	YES			
MSH-426	RIG HGR	C-E C3. 50	R00005936			VT-3	19940120	PASS	YES			
MSH-427	VSPRING	C-E C3. 50	R00006612			VT-3	19951003	PASS	YES			
		C-E C3. 60	R00006612			VT-4	19951003	PASS	YES			

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MSH-428	M SNUB	C-E C3. 50	R00006130			VT-3	19940318	PASS	YES			
		C-E C3. 60	R00006130			VT-4	19940318	PASS	YES			
MSH-429	MSNUB-2	C-E C3. 50	R00006194			VT-3	19940810	PASS	YES			
		C-E C3. 60	R00006194			VT-4	19940810	PASS	YES			
MSH-430	RIG HGR	C-E C3. 50	R00005875			VT-3	19931221	PASS	YES			
MSH-431	VSPRING	C-E C3. 50	R00006446			VT-3	19941116	PASS	YES			
		C-E C3. 60	R00006446			VT-4	19941116	PASS	YES			
MSH-432	RIG HGR	C-E C3. 50	R00005866			VT-3	19931116	PASS	YES			
MSH-434	M SNUB	C-E C3. 50	R00005867			VT-3	19931217	PASS	YES			
		C-E C3. 60	R00005895			VT-4	19940111	PASS	YES			
MSH-435	M SNUB	C-E C3. 50	R00006195			VT-3	19940811	PASS	YES			

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MSH-435	M SNUB	C-E C3. 60	R00006195			VT-4	19940811	PASS	YES			
MSH-437	RIG HGR	C-E C3. 50	R00005804			VT-3	19931123	PASS	YES			
		C-E C3. 50	R00006196			VT-3	19940811	PASS	YES			
MSH-439	M SNUB	C-E C3. 50	R00005923			VT-3	19940114	PASS	YES			
		C-E C3. 60	R00005923			VT-4	19940114	PASS	YES			
MSH-440	RIG HGR	C-E C3. 50	R00005922			VT-3	19940114	PASS	YES			

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SYSTEM : MSS MAIN STEAM SYSTEM - 001
ISOMETRIC NUMBER : ISI-0081-A SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
MSVS-1-512	VAL BDY	C-G C6.20	R00003121			MT	19831024	PASS	YES			

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SYSTEM : PZR RCS PRESSURIZER - 068
ISOMETRIC NUMBER : CHM-2570-A SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
PZRLUG-1	VES IWA	B-H B8.20	R00009837			MT	19930120	PASS	YES			
PZRLUG-2	VES IWA	B-H B8.20	R00009838			MT	19930120	PASS	YES			
PZRLUG-3	VES IWA	B-H B8.20	R00009839			MT	19930120	PASS	YES			
PZRLUG-4	VES IWA	B-H B8.20	R00009840			MT	19930120	PASS	YES			
WP-10-SE	V SFEND -VES NOZ	B-F B5.20	R00009875			PT	19930127	PASS	YES			

NUTECH

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SYSTEM : RCS REACTOR COOLANT SYSTEM - 068
ISOMETRIC NUMBER : ISI-0364-C SHEET : 01

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1-68-079	RIG HGR	B-K-2 B11.10	R00005619			VT-3	19930625	PASS	YES			
1-68-080	M SNUB	B-K-2 B11.10	R00005618			VT-3	19930625	PASS	YES			
			R00006115			VT-4	19940316	PASS	YES			
1-68-081	C FORCE	B-K-2 B11.10	R00006158			VT-3	19940324	PASS	YES			
			R00006158			VT-4	19940324	PASS	YES			
1-68-092	RIG HGR	B-K-2 B11.10	R00005886			VT-3	19940103	PASS	YES			
1-68-093	M SNUB	B-K-2 B11.10	R00005616			VT-3	19930625	PASS	YES			
			R00006114			VT-4	19940316	PASS	YES			
1-68-094	C FORCE	B-K-2 B11.10	R00006159			VT-3	19940324	PASS	YES			
			R00006159			VT-4	19940324	PASS	YES			
1-68-096	M SNUB	B-K-2 B11.10	R00005617			VT-3	19930625	PASS	YES			
			R00006138			VT-4	19940316	PASS	YES			
1-68-411	RIG HGR	B-K-2 B11.10	R00005614			VT-3	19930625	PASS	YES			
1-68-412	MSNUB-2	B-K-2 B11.10	R00005957			VT-3	19940126	PASS	YES			
			R00006113			VT-4	19940316	PASS	YES			
1-68-412-IA	IWA	B-K-1 B10.10	R00005885			PT	19940103	PASS	YES			
1-68-415	MSNUB-2	B-K-2 B11.10	R00006068			VT-3	19940308	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
1-68-415	MSNUB-2	B-K-2 B11.10	R00006112			VT-4	19940316	PASS	YES			
1-68-427	M SNUB	B-K-2 B11.10	R00006109 R00006109			VT-3 VT-4	19940316 19940316	PASS PASS	YES YES			
47A465-02-066	M SNUB	B-K-2 B11.10	R00005665 R00006111			VT-3 VT-4	19930723 19940316	PASS PASS	YES YES			
47A465-02-067	M SNUB	B-K-2 B11.10	R00005650 R00006110			VT-3 VT-4	19930709 19940316	PASS PASS	YES YES			

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SYSTEM : RCS REACTOR COOLANT SYSTEM - 068
ISOMETRIC NUMBER : ISI-0364-C SHEET : 02

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
1-68-011	CFORCE2	B-K-2	R00006157			VT-3	19940324	PASS	YES			
		B11.10	R00006157			VT-4	19940324	PASS	YES			
1-68-014	RIG HGR	B-K-2	R00005622			VT-3	19930628	PASS	YES			
		B11.10										
1-68-015	RIG HGR	B-K-2	R00005736			VT-3	19931004	PASS	YES			
		B11.10										
1-68-018	RIG HGR	B-K-2	R00006086			VT-3	19940310	PASS	YES			
		B11.10										
1-68-020	RIG HGR	B-K-2	R00005256			VT-3	19930412	PASS	YES			
		B11.10										
1-68-022	RIG HGR	B-K-2	R00006144			VT-3	19940321	PASS	YES			
		B11.10										
1-68-023	MSNUB-2	B-K-2	R00005584			VT-3	19930614	PASS	YES			
		B11.10	R00006200			VT-4	19940811	PASS	YES			
1-68-025	VSPRING	B-K-2	R00006149			VT-3	19940322	PASS	YES			
		B11.10	R00006149			VT-4	19940322	PASS	YES			
1-68-026	RIG HGR	B-K-2	R00006163			VT-3	19940328	PASS	YES			
		B11.10										
1-68-027	RIG HGR	B-K-2	R00006162			VT-3	19940328	PASS	YES			
		B11.10										
1-68-028	VSPRING	B-K-2	R00006148			VT-3	19940322	PASS	YES			
		B11.10										

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1-68-028	VSPRING	B-K-2 B11.10	R00006148			VT-4	19940322	PASS	YES			
1-68-029	RIG HGR	B-K-2 B11.10	R00005791			VT-3	19931112	PASS	YES			
1-68-030	RIG HGR	B-K-2 B11.10	R00005762			VT-3	19931025	PASS	YES			
1-68-031	M SNUB	B-K-2 B11.10	R00006104 R00006198			VT-3 VT-4	19940315 19940811	PASS PASS	YES YES			
1-68-032	M SNUB	B-K-2 B11.10	R00005587 R00006199			VT-3 VT-4	19930615 19940812	PASS PASS	YES YES			
1-68-033	M SNUB	B-K-2 B11.10	R00005716 R00006202			VT-3 VT-4	19930914 19940811	PASS PASS	YES YES			
1-68-034	M SNUB	B-K-2 B11.10	R00006171 R00006203			VT-3 VT-4	19940331 19940811	PASS PASS	YES YES			
1-68-035	VSPRING	B-K-2 B11.10	R00006147 R00006147			VT-3 VT-4	19940322 19940322	PASS PASS	YES YES			
1-68-036	M SNUB	B-K-2 B11.10	R00006116 R00006204			VT-3 VT-4	19940316 19940811	PASS PASS	YES YES			
1-68-037	RIG HGR	B-K-2 B11.10	R00005588			VT-3	19930615	PASS	YES			
1-68-038	RIG HGR	B-K-2 B11.10	R00005767			VT-3	19931102	PASS	YES			

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1-68-040	RIG HGR	B-K-2 B11.10	R00005768			VT-3	19931102	PASS	YES			
1-68-041	RIG HGR	B-K-2 B11.10	R00005761			VT-3	19931025	PASS	YES			
1-68-054	RIG HGR	B-K-2 B11.10	R00006609			VT-3	19950912	PASS	YES			
1-68-055	RIG HGR	B-K-2 B11.10	R00006161			VT-3	19940328	PASS	YES			
1-68-057	RIG HGR	B-K-2 B11.10	R00005792			VT-3	19931112	PASS	YES			

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SYSTEM : RCS REACTOR COOLANT SYSTEM - 068
ISOMETRIC NUMBER : ISI-0364-C SHEET : 03

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
1-68-334	VSPRING	B-K-2	R00006600			VT-3	19950612	PASS	YES			
	-M SNUB	B11.10	R00006600			VT-4	19950612	PASS	YES			
1-68-348	VSPRING	B-K-2	R00006067			VT-3	19940307	PASS	YES			
		B11.10	R00006067			VT-4	19940307	PASS	YES			
1-68-363	M SNUB	B-K-2	R00006164			VT-3	19940328	PASS	YES			
		B11.10	R00006201			VT-4	19940811	PASS	YES			
1-68-364	VSPRING	B-K-2	R00006603			VT-3	19950714	PASS	YES			
		B11.10	R00006603			VT-4	19950714	PASS	YES			
1-68-365	VSPRING	B-K-2	R00005954			VT-3	19940125	PASS	YES			
	-M SNUB	B11.10	R00006197			VT-4	19940811	PASS	YES			
1-68-379	VSPRING	B-K-2	R00006179			VT-3	19940401	PASS	YES			
		B11.10	R00006602			VT-4	19950711	PASS	YES			

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SYSTEM : RCS REACTOR COOLANT SYSTEM - 068
ISOMETRIC NUMBER : ISI-0365-C SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
RCF-A-T128-03	VALVE -PIPE	B-J B9.21	R00009060			PT	19921210	PASS	YES			
RCF-A-T128-03E	PIPE -FLG	B-J B9.21	R00009061			PT	19921210	PASS	YES			
RCF-A-T129-06	PIPE -FLG	B-J B9.21	R00009062			PT	19921210	PASS	YES			
RCF-A-T129-07	VALVE -PIPE	B-J B9.21	R00009063			PT	19921210	PASS	YES	ISI-04		
RCF-D232-01	SAFEEND -ELBOW	B-J B9.11	R00009000			PT	19921216	PASS	YES			
			R00009001	C00001136	WB-01	UT-45	19930120	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00009001	C00001137	SQ-29	UT-45	19930120	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RCF-D232-01A	PIPE -ELBOW	B-J B9.11	R00009002			PT	19921210	PASS	YES			
			R00009003	C00001202	WB-01	UT-45	19930201	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RCF-D232-01B	ELBOW -PIPE	B-J B9.11	R00009004			PT	19921210	PASS	YES			
			R00009005	C00001113	WB-01	UT-45	19930104	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00009005	C00001228	WB-01	UT-45	19930420	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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RCF-D232-01B	ELBOW -PIPE	B-J B9.11	R00009005	C00001229	WB-01	UT-60L	19930420	PASS	YES			
RCF-D232-01D	PIPE -RED TEE	B-J B9.11	R00009854			PT	19921210	PASS	YES			
			R00009855	C00001113	WB-01	UT-45	19930104	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RCF-D232-02	REDUCER -VALVE	B-J B9.21	R00009065			PT	19921210	PASS	YES	ISI-04		
RCF-D232-06	ELBOW -VALVE	B-J B9.21	R00009064			PT	19921210	PASS	YES			
RCF-D232-10	SAFEEND -ELBOW	B-J B9.11	R00009008			PT	19921216	PASS	YES			
			R00009009	C00001138	WB-01	UT-45	19930118	PASS	YES			
			R00009009	C00001139	SQ-29	UT-45	19930118	PASS	YES			
RCF-D232-11	SAFEEND -ELBOW	B-J B9.11	R00009010			PT	19921216	PASS	YES			
			R00009011	C00001138	WB-01	UT-45	19930118	PASS	YES			
			R00009011	C00001139	SQ-29	UT-45	19930118	PASS	YES			
RCF-D232-12	SAFEEND -ELBOW	B-J B9.11	R00009012			PT	19921214	PASS	YES			
			R00009013	C00001138	WB-01	UT-45	19930118	PASS	YES			
			R00009013	C00001139	SQ-29	UT-45	19930118	PASS	YES		GEOMETRIC	NON-RELEVANT
RCS-001	ELBOW -PIPE	B-J B9.11	R00009014			PT	19921214	PASS	YES			
			R00009015	C00001112	WB-01	UT-45	19930113	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

NUTECH

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RCS-002	PIPE	B-J	R00009016			PT	19921214	PASS	YES			
	-ELBOW	B9.11	R00009017	C00001112	WB-01	UT-45	19930113	PASS	YES			
RCS-003	ELBOW	B-J	R00009018			PT	19921214	PASS	YES			
	-PIPE	B9.11	R00009019	C00001136	WB-01	UT-45	19930120	PASS	YES			
RCS-004	PIPE	B-J	R00009020			PT	19921214	PASS	YES			
	-ELBOW	B9.11	R00009021	C00001136	WB-01	UT-45	19930120	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RCS-005	ELBOW	B-J	R00009022			PT	19921214	PASS	YES			
	-ELBOW	B9.11	R00009023	C00001140	WB-01	UT-45	19930121	PASS	YES			
RCS-006	ELBOW	B-J	R00009024			PT	19921217	PASS	YES			
	-ELBOW	B9.11	R00005640			PT	19930630	PASS	YES			
			R00009025	C00001140	WB-01	UT-45	19930121	PASS	YES			
RCS-007	ELBOW	B-J	R00009026			PT	19921217	PASS	YES			
	-FLG	B9.11	R00009027	C00001181	WB-01	UT-45	19930126	PASS	YES			
			R00009027	C00001182	WB-01	UT-60L	19930126	PASS	YES			
RCS-008	ELBOW	B-J	R00009028			PT	19921216	PASS	YES			
	-PIPE	B9.11	R00009029	C00001111	WB-01	UT-45	19930114	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RCS-009	PIPE	B-J	R00009030			PT	19921216	PASS	YES			
	-ELBOW	B9.11	R00009031	C00001111	WB-01	UT-45	19930114	PASS	YES			
RCS-010	ELBOW	B-J	R00009032			PT	19930120	PASS	YES			
	-PIPE	B9.11	R00009033	C00001140	WB-01	UT-45	19930121	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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RCS-010	ELBOW -PIPE	B-J B9.11	R00009033	C00001242	WB-01	UT-45	19930422	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00009033	C00001243	WB-01	UT-60L	19930422	PASS	YES		GEOMETRIC	NON-RELEVANT
RCS-011	PIPE -ELBOW	B-J B9.11	R00009034			PT	19921217	PASS	YES			
			R00009035	C00001140	WB-01	UT-45	19930121	PASS	YES		GEOMETRIC	NON-RELEVANT
RCS-012	ELBOW -ELBOW	B-J B9.11	R00009036			PT	19921217	PASS	YES			
			R00009037	C00001204	WB-01	UT-45	19930202	PASS	YES		GEOMETRIC	NON-RELEVANT
RCS-013	ELBOW -ELBOW	B-J B9.11	R00009038			PT	19921217	PASS	YES			
			R00009039	C00001204	WB-01	UT-45	19930202	PASS	YES			
RCS-014	ELBOW -FLG	B-J B9.11	R00009040			PT	19921221	PASS	YES			
			R00009041	C00001181	WB-01	UT-45	19930126	PASS	YES			
			R00009041	C00001182	WB-01	UT-60L	19930126	PASS	YES			
RCS-015	ELBOW -PIPE	B-J B9.11	R00009042			PT	19921216	PASS	YES			
			R00009043	C00001112	WB-01	UT-45	19930113	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RCS-016	PIPE -ELBOW	B-J B9.11	R00009044			PT	19921216	PASS	YES			
			R00009045	C00001136	WB-01	UT-45	19930120	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RCS-017	ELBOW -PIPE	B-J B9.11	R00009046			PT	19921216	PASS	YES			
			R00009047	C00001132	WB-01	UT-45	19930121	PASS	YES			
RCS-018	PIPE -ELBOW	B-J B9.11	R00009048			PT	19921221	PASS	YES			
			R00009049	C00001132	WB-01	UT-45	19930121	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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RCS-019	ELBOW	B-J	R00009050			PT	19921221	PASS	YES			
	-PIPE	B9.11	R00009051	C00001132	WB-01	UT-45	19930121	PASS	YES			
RCS-020	PIPE	B-J	R00009052			PT	19921221	PASS	YES			
	-ELBOW	B9.11	R00009053	C00001132	WB-01	UT-45	19930121	PASS	YES			
RCS-021	ELBOW	B-J	R00009054			PT	19921221	PASS	YES			
	-FLG	B9.11	R00009055	C00001181	WB-01	UT-45	19930126	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00009055	C00001182	WB-01	UT-60L	19930126	PASS	YES			
RCS-022	ELBOW	B-J	R00009056			PT	19921210	PASS	YES			
	-PIPE	B9.11	R00009057	C00001112	WB-01	UT-45	19930113	PASS	YES		GEOMETRIC	NON-RELEVANT
RCS-023	RED TEE	B-J	R00009058			PT	19921210	PASS	YES			
	-REDUCER	B9.11	R00009059	C00001132	WB-01	UT-45	19930121	PASS	YES			
RCS-024	RED TEE	B-J	R00009066			PT	19921210	PASS	YES			
	-PIPE	B9.21										
RCS-025	PIPE	B-J	R00009067			PT	19921210	PASS	YES			
	-ELBOW	B9.21										
RCW-14	FLG	B-J	R00009068			PT	19921210	PASS	YES	ISI-04		
	-VALVE	B9.21										
RCW-15	FLG	B-J	R00009069			PT	19921210	PASS	YES	ISI-04		
	-VALVE	B9.21										

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RCF-D233-01	PIPE	B-J	R00009070			PT	19921006	PASS	YES			
	-ELBOW	B9.11	R00009071	C00001122	WB-01	UT-45	19921014	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RCF-D233-02	PIPE	B-J	R00009072			PT	19921006	PASS	YES			
	-ELBOW	B9.11	R00009073	C00001115	WB-40	UT-45	19921029	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RCF-D233-03	PIPE	B-J	R00009074			PT	19921006	PASS	YES			
	-VALVE	B9.11	R00009075	C00001128	WB-40	UT-45	19921020	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00009075	C00001129	WB-40	UT-60L	19921020	PASS	YES		GEOMETRIC	NON-RELEVANT
RCF-D233-04	VALVE	B-J	R00009076			PT	19921006	PASS	YES			
	-ELBOW	B9.11	R00009077	C00001128	WB-40	UT-45	19921020	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00009077	C00001129	WB-40	UT-60L	19921020	PASS	YES		GEOMETRIC	NON-RELEVANT
RCF-D233-05	TEE	B-J	R00009078			PT	19930427	PASS	YES			
	-REDUCER	B9.11	R00009079	C00001014	WB-40	UT-45	19930421	PASS	YES			
			R00009079	C00001015	WB-40	UT-45	19930430	PASS	YES			
			R00009079	C00001232	WB-40	UT-60L	19930430	PASS	YES			
RCF-D233-05A	PIPE	B-J	R00009080			PT	19921007	PASS	YES			
	-PIPE	B9.11										

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RCF-D233-05A	PIPE	B-J	R00009081	C00001120	WB-01	UT-45	19930419	PASS	YES		GEOMETRIC	NON-RELEVANT
	-PIPE	B9.11	R00009081	C00001121	WB-01	UT-45L	19930419	PASS	YES		GEOMETRIC	NON-RELEVANT
RCF-D233-06	PIPE	B-J	R00009082			PT	19921007	PASS	YES			
	-PIPE	B9.11	R00009083	C00001120	WB-01	UT-45	19930419	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009083	C00001121	WB-01	UT-45L	19930419	PASS	YES		GEOMETRIC	NON-RELEVANT
RCF-D233-07	ELBOW	B-J	R00009084			PT	19921006	PASS	YES			
	-SAFEEND	B9.11	R00009085	C00001174	WB-40	UT-45	19930127	PASS	YES		GEOMETRIC	NON-RELEVANT
RCF-D233-08	VALVE	B-J	R00009086			PT	19921006	PASS	YES			
	-ELBOW	B9.11	R00009087	C00001109	WB-40	UT-45	19921020	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009087	C00001110	WB-40	UT-45	19921020	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009087	C00001108	WB-40	UT-60L	19921020	PASS	YES		GEOMETRIC	NON-RELEVANT
RCF-D233-09	PIPE	B-J	R00009088			PT	19921006	PASS	YES			
	-VALVE	B9.11	R00009089	C00001106	WB-40	UT-45	19921019	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009089	C00001107	WB-40	UT-45	19921019	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009089	C00001108	WB-40	UT-60L	19921019	PASS	YES		GEOMETRIC	NON-RELEVANT
RCF-D233-10	PIPE	B-J	R00009090			PT	19921006	PASS	YES			
	-ELBOW	B9.11	R00009091	C00001124	WB-40	UT-45	19921014	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00009091	C00001125	WB-40	UT-45	19921014	PASS	YES			
RCF-D233-11	ELBOW	B-J	R00009092			PT	19921006	PASS	YES			
	-PIPE	B9.11	R00009093	C00001226	WB-40	UT-CRP	19930421	PASS	YES			
			R00009093	C00001227	WB-40	UT-CRP	19930421	PASS	YES			
			R00009093	C00001126	WB-40	UT-45	19921019	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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RCF-D233-11	ELBOW -PIPE	B-J B9.11	R00009093	C00001127	WB-40	UT-45	19921019	PASS	YES			
RCF-D233-12	ELBOW -PIPE	B-J B9.11	R00009094			PT	19921006	PASS	YES			
			R00009095	C00001118	WB-40	UT-45	19921015	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00009095	C00001119	WB-40	UT-45	19921015	PASS	YES			
RCF-D233-13	WELDOLT -ELBOW	B-J B9.11	R00009096			PT	19930112	PASS	YES			
			R00009097	C00001134	WB-40	UT-45	19930120	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009097	C00001135	WB-40	UT-45L	19930120	PASS	YES		GEOMETRIC	NON-RELEVANT
RCF-D233-14	WELDOLT -PIPE	B-J B9.11	R00009098			PT	19921006	PASS	YES			
			R00009099	C00001122	WB-40	UT-45	19921014	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009099	C00001123	WB-40	UT-60L	19921014	PASS	YES		GEOMETRIC	NON-RELEVANT
RCF-D233-15	PIPE -TEE	B-J B9.11	R00009889			PT	19930210	PASS	YES			
			R00009927	C00001148	WB-01	UT-45	19930215	PASS	YES			
RCF-D233-16	TEE -PIPE	B-J B9.11	R00009890			PT	19930210	PASS	YES			
			R00009928	C00001148	WB-01	UT-45	19930215	PASS	YES			
RCF-D233-17	PIPE -PIPE	B-J B9.11	R00009926			PT	19930308	PASS	YES			
			R00009929	C00001114	WB-01	UT-45	19930416	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RCS-031	ELBOW -PIPE	B-J B9.11	R00009100			PT	19921006	PASS	YES			
			R00009101	C00001122	WB-40	UT-45	19921014	PASS	YES			
RCS-032	PIPE -ELBOW	B-J B9.11	R00009102			PT	19921006	PASS	YES			

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RCS-032	PIPE -ELBOW	B-J B9.11	R00009103	C00001122	WB-40	UT-45	19921014	PASS	YES			
RCS-033	ELBOW -PIPE	B-J B9.11	R00009104			PT	19921006	PASS	YES			
			R00009105	C00001122	WB-40	UT-45	19921014	PASS	YES		GEOMETRIC	NON-RELEVANT
RCS-034	ELBOW -PIPE	B-J B9.11	R00009106			PT	19921006	PASS	YES			
			R00009107	C00001115	WB-40	UT-45	19921029	PASS	YES		GEOMETRIC	NON-RELEVANT
RCS-035	PIPE -TEE	B-J B9.11	R00009108			PT	19930127	PASS	YES			
			R00009109	C00001183	WB-40	UT-45	19930128	PASS	YES		GEOMETRIC	NON-RELEVANT
RCS-036	REDUCER -PIPE	B-J B9.11	R00009110			PT	19921006	PASS	YES			
			R00009111	C00001116	WB-01	UT-45	19921028	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RCS-037	PIPE -PIPE	B-J B9.11	R00009114			PT	19921007	PASS	YES			
			R00009115	C00001117	WB-01	UT-45	19921014	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RCS-038	PIPE -ELBOW	B-J B9.11	R00009116			PT	19921006	PASS	YES			
			R00009117	C00001116	WB-01	UT-45	19921028	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RCS-039	ELBOW -PIPE	B-J B9.11	R00009118			PT	19930127	PASS	YES			
			R00009119	C00001202	WB-01	UT-45	19930201	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RCS-040	PIPE -REDUCER	B-J B9.11	R00009120			PT	19921006	PASS	YES			

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RCS-040	PIPE	B-J	R00009121	C00001116	WB-01	UT-45	19921028	PASS	YES		GEOMETRIC	NON-RELEVANT
	-REDUCER	B9.11									GEOMETRIC	NON-RELEVANT
RCS-041	REDUCER	B-J	R00009122			PT	19930127	PASS	YES			
	-ELBOW	B9.11	R00009123	C00001183	WB-40	UT-45	19930128	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RCS-042	ELBOW	B-J	R00009124			PT	19930112	PASS	YES			
	-PIPE	B9.11	R00009125	C00001244	WB-40	UT-CRP	19930422	PASS	YES			
			R00009125	C00001245	WB-40	UT-CRP	19930422	PASS	YES			
			R00009125	C00001133	WB-40	UT-45	19930120	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RCS-043	PIPE	B-J	R00009126			PT	19921006	PASS	YES			
	-ELBOW	B9.11	R00009127	C00001118	WB-40	UT-45	19921015	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00009127	C00001119	WB-40	UT-45	19921015	PASS	YES			
RCS-044	PIPE	B-J	R00009128			PT	19921006	PASS	YES			
	-ELBOW	B9.11	R00009129	C00001126	WB-40	UT-45	19921019	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00009129	C00001127	WB-40	UT-45	19921019	PASS	YES			
RCS-045	ELBOW	B-J	R00009130			PT	19921006	PASS	YES			
	-PIPE	B9.11	R00009131	C00001124	WB-40	UT-45	19921014	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											BEAM REDIREC	NON-RELEVANT
			R00009131	C00001125	WB-40	UT-45	19921014	PASS	YES			

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RCS-046	ELBOW	B-J	R00009132			PT	19930201	PASS	YES			
	-PIPE	B9.11	R00009133	C00001206	WB-40	UT-45	19930202	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RCS-047	PIPE	B-J	R00009134			PT	19930127	PASS	YES			
	-TEE	B9.11	R00009135	C00001183	WB-40	UT-45	19930128	PASS	YES			
RCS-112	ELBOW	B-J	R00009136			PT	19930202	PASS	YES			
	-PIPE	B9.11	R00009137	C00001206	WB-40	UT-45	19930202	PASS	YES		GEOMETRIC	NON-RELEVANT
RCW-01	BR CONN	B-J	R00009140			PT	19921006	PASS	YES			
	-WELDOLT	B9.31	R00004936	C00000739	SQ-60	UT-0	19890925	PASS	NO	ISI-04		
			R00004936	C00000740	SQ-66	UT-25	19890925	PASS	NO	ISI-04		
			R00004936	C00000743	SQ-66	UT-29	19890928	PASS	NO	ISI-04		
RCW-02	BR CONN	B-J	R00009141			PT	19930112	PASS	YES			
	-WELDOLT	B9.31	R00004915	C00000739	SQ-60	UT-0	19890925	PASS	NO	ISI-04		
			R00004915	C00000740	SQ-66	UT-25	19890925	PASS	NO	ISI-04		

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RCF-B-T001-01	WELDOLT -PIPE	B-J B9.40	R00009145			PT	19930121	PASS	YES			
RCF-B-T002-01	WELDOLT -PIPE	B-J B9.40	R00009162			PT	19930121	PASS	YES			
RCF-B-T002-04	PIPE -ELBOW	B-J B9.40	R00005641			PT	19930625	PASS	YES			
RCF-B-T002-04B	PIPE -ELBOW	B-J B9.40	R00009167			PT	19921007	PASS	YES			
RCF-B-T003-10	PIPE -VALVE	B-J B9.40	R00005645			PT	19930623	PASS	YES			
RCF-B-T004-01	WELDOLT -PIPE	B-J B9.40	R00009881			PT	19930121	PASS	YES			
RCF-B-T004-08	PIPE -ELBOW	B-J B9.40	R00005638			PT	19930624	PASS	YES			
RCF-B-T004-10	PIPE -VALVE	B-J B9.40	R00005644			PT	19930624	PASS	YES			
RCW-11	BR CONN -WELDOLT	B-J B9.32	R00009142			PT	19921006	PASS	YES			
RCW-12	BR CONN -WELDOLT	B-J B9.32	R00009143			PT	19921007	PASS	YES			
RCW-13	BR CONN -WELDOLT	B-J B9.32	R00009144			PT	19921006	PASS	YES			

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RHRF-D053-15	VALVE	C-F	R00008067	C00001085	WB-33	UT-45	19930112	PASS	YES			
	-PIPE	C5.21	R00008067	C00001086	WB-33	UT-45L	19930112	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00008067	C00001219	WB-33	UT-45L	19930304	PASS	YES		GEOMETRIC	NON-RELEVANT
RHRF-D053-17	PIPE	B-J	R00008020			PT	19920915	PASS	YES			
	-PIPE	B9.11	R00008021	C00001063	WB-34	UT-45	19920917	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RHRF-D053-20	ELBOW	B-J	R00008022			PT	19920915	PASS	YES			
	-PIPE	B9.11	R00008023	C00001057	WB-34	UT-45	19920917	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RHRF-D053-21	PIPE	B-J	R00008024			PT	19921210	PASS	YES			
	-ELBOW	B9.11	R00008025	C00001105	WB-34	UT-45	19921229	PASS	YES			
RHRS-001	RED TEE	B-J	R00008026			PT	19930113	PASS	YES			
	-PIPE	B9.11	R00005395			PT	19930329	PASS	YES			
			R00008027	C00001077	WB-34	UT-45	19930113	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00008027	C00001078	WB-34	UT-45L	19930113	PASS	YES		GEOMETRIC	NON-RELEVANT
RHRS-002	PIPE	B-J	R00008028			PT	19930113	PASS	YES			
	-ELBOW	B9.11	R00008029	C00001077	WB-34	UT-45	19930113	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RHRS-003	ELBOW	B-J	R00008030			PT	19920915	PASS	YES			
	-PIPE	B9.11	R00008031	C00001060	WB-34	UT-45	19920922	PASS	YES			
RHRS-004	PIPE	B-J	R00008032			PT	19920915	PASS	YES			
	-PIPE	B9.11										

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RHRS-017	PIPE -ELBOW	B-J B9.11	R00008057	C00001166	WB-33	UT-45	19930118	PASS	YES		GEOMETRIC GEOMETRIC GEOMETRIC	NON-RELEVANT NON-RELEVANT NON-RELEVANT
RHRS-018	PIPE -ELBOW	C-F C5.11	R00008059			PT	19920908	PASS	YES			
RHRS-019	ELBOW -PIPE	C-F C5.11	R00008060			PT	19920908	PASS	YES			
RHRS-020	PIPE -RED TEE	C-F C5.11	R00008061 R00005459			PT PT	19920908 19930327	PASS PASS	YES YES			
RHRS-021	RED TEE -PIPE	C-F C5.11	R00008062			PT	19930111	PASS	YES			

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RHRF-D047-01	FL HEAD	C-F C5.11	R00008068			PT	19921001	PASS	YES			
RHRF-D047-02	PIPE -ELBOW	C-F C5.11	R00008069			PT	19930127	PASS	YES			
RHRF-D047-02-LS	ELBSEAM	C-F C5.12	R00008089			PT	19921001	PASS	YES			
RHRF-D047-03	ELBOW -PIPE	C-F C5.11	R00008070			PT	19921006	PASS	YES			
RHRF-D047-04	ELBOW -TEE	C-F C5.11	R00008071			PT	19921005	PASS	YES			
RHRF-D047-05A	TEE -PIPE	C-F C5.11	R00008072			PT	19921005	PASS	YES			
RHRF-D047-06	PIPE -TEE	C-F C5.11	R00008073			PT	19921005	PASS	YES			
RHRF-D047-06A-LS	LNGSEAM	C-F C5.12	R00008090			PT	19921005	PASS	YES			
RHRF-D047-06B	PIPE -ELBOW	C-F C5.11	R00008074			PT	19921005	PASS	YES			
RHRF-D047-07	ELBOW -PIPE	C-F C5.11	R00008075			PT	19930120	PASS	YES			
RHRF-D047-08	PIPE -VALVE	C-F C5.11	R00008076			PT	19930127	PASS	YES			

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RHRS-022	PIPE -ELBOW	C-F C5.11	R00008077			PT	19920930	PASS	YES			
RHRS-022-LS-1	ELBSEAM	C-F C5.12	R00008091			PT	19920930	PASS	YES			
RHRS-022-LS-2	ELBSEAM	C-F C5.12	R00008092			PT	19920930	PASS	YES			
RHRS-023	ELBOW -PIPE	C-F C5.11	R00008079			PT	19921001	PASS	YES			
RHRS-024	ELBOW -PIPE	C-F C5.11	R00008080			PT	19921001	PASS	YES			
RHRS-025	PIPE -ELBOW	C-F C5.11	R00008081			PT	19930127	PASS	YES			
RHRS-025-LS	ELBSEAM	C-F C5.12	R00008093			PT	19930127	PASS	YES			
RHRS-026	ELBOW -PIPE	C-F C5.11	R00008082 R00005443			PT PT	19921005 19930324	PASS PASS	YES YES			
RHRS-027	PIPE -ELBOW	C-F C5.11	R00008083			PT	19930122	PASS	YES			
RHRS-027-LS	ELBSEAM	C-F C5.12	R00008094			PT	19930122	PASS	YES			
RHRS-028	PIPE -ELBOW	C-F C5.11	R00008084			PT	19921005	PASS	YES			

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RHRS-028-LS	ELBSEAM	C-F C5.12	R00008095			PT	19921005	PASS	YES			
RHRS-029	ELBOW -PIPE	C-F C5.11	R00008085			PT	19921005	PASS	YES			
RHRS-030	PIPE -ELBOW	C-F C5.11	R00008086			PT	19930122	PASS	YES			
RHRS-030-LS	ELBSEAM	C-F C5.12	R00008096			PT	19930122	PASS	YES			
RHRS-031-LS	TEESEAM	C-F C5.12	R00008097			PT	19921005	PASS	YES			
RHRS-031A	PIPE -TEE	C-F C5.11	R00008087			PT	19921005	PASS	YES			
RHRS-032	TEE -PIPE	C-F C5.11	R00008088			PT	19921005	PASS	YES			
RHRS-033-LS	ELBSEAM	C-F C5.12	R00008098			PT	19921005	PASS	YES			

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RHRF-D045-06-LS	REDSEAM	C-F C5.22	R00008137			PT	19921029	PASS	YES			
			R00008138	C00001039	WB-43	UT-45	19921029	PASS	YES			
			R00008138	C00001208	BNP-32	UT-45	19930215	PASS	YES			
RHRF-D045-13	VALVE -REDUCER	C-F C5.21	R00008135			PT	19921110	PASS	YES			
			R00008136	C00001035	WB-43	UT-45	19921110	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00008136	C00001036	WB-43	UT-60L	19921110	PASS	YES		GEOMETRIC	NON-RELEVANT
RHRF-D046-01	FL HEAD	C-F C5.11	R00008099			PT	19921222	PASS	YES			
RHRF-D046-01A	ELBOW -PIPE	C-F C5.11	R00008100			PT	19921021	PASS	YES			
RHRF-D046-04	ELBOW -PUMP	C-F C5.11	R00008101			PT	19921222	PASS	YES			
RHRF-D046-05	VALVE -PIPE	C-F C5.11	R00008102			PT	19920910	PASS	YES			
RHRF-D046-06	FL HEAD	C-F C5.11	R00008103			PT	19921222	PASS	YES			
RHRF-D046-07	PIPE -ELBOW	C-F C5.11	R00008104			PT	19930114	PASS	YES			
RHRF-D046-07-LS	ELBSEAM	C-F C5.12	R00008124			PT	19921001	PASS	YES			
RHRF-D046-12	ELBOW -PIPE	C-F C5.11	R00008105			PT	19921228	PASS	YES			

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RHRS-034	PIPE -TEE	C-F C5.11	R00008106			PT	19920910	PASS	YES			
RHRS-035	REDUCER -PIPE	C-F C5.11	R00008107			PT	19921029	PASS	YES	ISI-04		
RHRS-036	PIPE -ELBOW	C-F C5.11	R00008108			PT	19921005	PASS	YES			
RHRS-036-LS-1	ELBSEAM	C-F C5.12	R00008125			PT	19921228	PASS	YES			
RHRS-036-LS-2	ELBSEAM	C-F C5.12	R00008126			PT	19921228	PASS	YES			
RHRS-038	PIPE -ELBOW	C-F C5.11	R00008109 R00005460			PT PT	19921005 19930324	PASS PASS	YES YES			
RHRS-039	ELBOW -PIPE	C-F C5.11	R00008110			PT	19921001	PASS	YES			
RHRS-040	PIPE -ELBOW	C-F C5.11	R00008111			PT	19921001	PASS	YES			
RHRS-040-LS	ELBSEAM	C-F C5.12	R00008127			PT	19921001	PASS	YES			
RHRS-041	ELBOW -PIPE	C-F C5.11	R00008112			PT	19930114	PASS	YES			
RHRS-042	PIPE -ELBOW	C-F C5.11	R00008113			PT	19920910	PASS	YES			

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RHRS-044	PIPE -TEE	C-F C5.11	R00008114			PT	19930127	PASS	YES			
RHRS-044-LS	TEESEAM	C-F C5.12	R00008128			PT	19920910	PASS	YES			
RHRS-046	FLG -PIPE	C-F C5.11	R00008186			PT	19921221	PASS	YES			
RHRS-048	FLG -ELBOW	C-F C5.11	R00008117			PT	19921221	PASS	YES			
RHRS-050	PIPE -ELBOW	C-F C5.11	R00008118			PT	19921221	PASS	YES			
RHRS-050-LS	ELBSEAM	C-F C5.12	R00008129			PT	19920106	PASS	YES			
RHRS-053-LS	ELBSEAM	C-F C5.12	R00008130			PT	19930112	PASS	YES			
RHRS-055	ELBOW -PIPE	C-F C5.11	R00008119			PT	19921005	PASS	YES			
RHRS-056-LS-1	ELBSEAM	C-F C5.12	R00008131			PT	19921005	PASS	YES			
RHRS-056-LS-2	ELBSEAM	C-F C5.12	R00008132			PT	19921005	PASS	YES			
RHRS-057-LS	ELBSEAM	C-F C5.12	R00008133			PT	19920910	PASS	YES			

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RHRS-058	ELBOW -PIPE	C-F C5.11	R00008120			PT	19920910	PASS	YES			
RHRS-060	TEE -FLG	C-F C5.11	R00008121			PT	19921222	PASS	YES			
RHRS-062	PIPE -FLG	C-F C5.11	R00008122			PT	19920910	PASS	YES			
RHRS-063-LS	ELBSEAM	C-F C5.12	R00008134			PT	19930112	PASS	YES			
RHRS-064	ELBOW -ELBOW	C-F C5.11	R00008123			PT	19921222	PASS	YES			

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RHRF-D048-01	PUMP -ELBOW	C-F C5.11	R00008139			PT	19930128	PASS	YES			
RHRF-D048-02	PIPE -VALVE	C-F C5.11	R00008140			PT	19930122	PASS	YES			
RHRF-D048-05	VALVE -ELBOW	C-F C5.11	R00008141			PT	19930105	PASS	YES			
RHRF-D048-06	PIPE -ELBOW	C-F C5.11	R00008142			PT	19930105	PASS	YES			
RHRF-D048-06C	PIPE -FLG	C-F C5.11	R00008143			PT	19921202	PASS	YES			
RHRF-D048-07	ELBOW -PIPE	C-F C5.11	R00008144			PT	19920914	PASS	YES			
RHRF-D048-09	VALVE -ELBOW	C-F C5.11	R00008145			PT	19920910	PASS	YES			
RHRF-D048-10	REDUCER -VES NOZ	C-F C5.11	R00008146			PT	19920910	PASS	YES			
RHRF-D048-12	PIPE -VALVE	C-F C5.11	R00008147			PT	19920910	PASS	YES			
RHRF-D049-14	PIPE -TEE	C-F C5.11	R00008148			PT	19920910	PASS	YES			
RHRS-071	PIPE -ELBOW	C-F C5.11	R00008149			PT	19930105	PASS	YES			

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RHRS-074	PIPE -TEE	C-F C5.11	R00008150			PT	19930113	PASS	YES			
RHRS-076	PIPE -ELBOW	C-F C5.11	R00008151			PT	19920910	PASS	YES			
			R00008151A			PT	19930330	PASS	YES			
RHRS-078	TEE -PIPE	C-F C5.11	R00008152			PT	19920910	PASS	YES			
RHRS-079	TEE -PIPE	C-F C5.11	R00008153			PT	19921217	PASS	YES			
RHRS-080	PIPE -TEE	C-F C5.11	R00008154			PT	19921221	PASS	YES			
RHRS-081	TEE -PIPE	C-F C5.11	R00008155			PT	19921221	PASS	YES			
RHRS-082	PIPE -FLG	C-F C5.11	R00008156			PT	19921221	PASS	YES			
RHRS-083	PIPE -TEE	C-F C5.11	R00008157			PT	19920910	PASS	YES			
RHRS-084	ELBOW -PIPE	C-F C5.11	R00008158			PT	19930113	PASS	YES			
RHRS-085	PIPE -ELBOW	C-F C5.11	R00008159			PT	19920910	PASS	YES			
RHRS-086	FLG -PIPE	C-F C5.11	R00008160			PT	19920910	PASS	YES			

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RHRF-D049-03	VALVE -ELBOW	C-F C5.11	R00008168			PT	19930113	PASS	YES			
RHRF-D049-03A	ELBOW -PIPE	C-F C5.11	R00008169			PT	19920914	PASS	YES			
RHRF-D049-04	PIPE -VALVE	C-F C5.11	R00008170			PT	19921222	PASS	YES			
RHRF-D049-06F	PIPE -ELBOW	C-F C5.11	R00008171			PT	19920914	PASS	YES			
RHRF-D049-08	TEE -VALVE	C-F C5.11	R00008172			PT	19920914	PASS	YES			
RHRF-D049-11	TEE -VALVE	C-F C5.11	R00008173			PT	19920914	PASS	YES			
RHRF-D049-12	VALVE -PIPE	C-F C5.11	R00008174			PT	19920914	PASS	YES			
RHRF-D049-13	ELBOW -PIPE	C-F C5.11	R00008175			PT	19920914	PASS	YES			
RHRF-D049-13A	PIPE -ELBOW	C-F C5.11	R00008176			PT	19920914	PASS	YES			
RHRF-D049-13B	ELBOW -PIPE	C-F C5.11	R00008177			PT	19921229	PASS	YES			
RHRF-D049-14A	ELBOW -PIPE	C-F C5.11	R00008178			PT	19930126	PASS	YES			

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RHRF-D049-14B	PIPE -ELBOW	C-F C5.11	R00008179			PT	19920914	PASS	YES			
RHRS-087	ELBOW -PIPE	C-F C5.11	R00008180			PT	19920914	PASS	YES			
RHRS-088	ELBOW -PIPE	C-F C5.11	R00008181			PT	19920914	PASS	YES			
RHRS-089	ELBOW -PIPE	C-F C5.11	R00008182			PT	19920914	PASS	YES			
RHRS-091	FLG -PIPE	C-F C5.11	R00008183			PT	19930105	PASS	YES			
RHRS-093	ELBOW -PIPE	C-F C5.11	R00008184			PT	19920914	PASS	YES			
RHRS-096	ELBOW -PIPE	C-F C5.11	R00008185			PT	19920914	PASS	YES			
RHRS-098	ELBOW -REDUCER	C-F C5.11	R00008186			PT	19930126	PASS	YES			
RHRS-099	PIPE -ELBOW	C-F C5.11	R00008187			PT	19930113	PASS	YES			

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RHRF-D050-01D	PIPE -ELBOW	C-F C5.11	R00008194 R00005442			PT PT	19930201 19930327	PASS PASS	YES YES			
RHRF-D050-01F	ELBOW -VALVE	C-F C5.11	R00008195			PT	19920917	PASS	YES			
RHRF-D050-02	PIPE -VALVE	C-F C5.11	R00008196			PT	19921217	PASS	YES			
RHRF-D050-03	VALVE -PIPE	C-F C5.11	R00008197			PT	19920917	PASS	YES			
RHRF-D050-04	VES NOZ -REDUCER	C-F C5.11	R00008198			PT	19930105	PASS	YES			
RHRF-D050-04E	TEE -PIPE	C-F C5.11	R00008199			PT	19920917	PASS	YES			
RHRF-D050-04F	VALVE -TEE	C-F C5.11	R00008200			PT	19920917	PASS	YES			
RHRF-D051-01	RED TEE -PIPE	C-F C5.11	R00008201			PT	19921217	PASS	YES			
RHRF-D051-02	PIPE -RED TEE	C-F C5.11	R00008202			PT	19921217	PASS	YES			
RHRF-D051-03	PIPE -ELBOW	C-F C5.11	R00008203			PT	19921217	PASS	YES			
RHRF-D051-03A	PIPE -ELBOW	C-F C5.11	R00005165			PT	19920123	PASS	YES			

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RHRF-D051-03B	ELBOW -PIPE	C-F C5.11	R00008205			PT	19921217	PASS	YES			
RHRF-D051-03C	PIPE -ELBOW	C-F C5.11	R00008206			PT	19920917	PASS	YES			
RHRF-D051-03D	ELBOW -PIPE	C-F C5.11	R00008207			PT	19920917	PASS	YES			
RHRF-D051-03E	PIPE -ELBOW	C-F C5.11	R00008208			PT	19920917	PASS	YES			
RHRF-D051-03F	ELBOW -PIPE	C-F C5.11	R00008209			PT	19921217	PASS	YES			
RHRF-D051-03G	PIPE -ELBOW	C-F C5.11	R00008210			PT	19921217	PASS	YES			
RHRF-D051-03H	ELBOW -PIPE	C-F C5.11	R00008211			PT	19921217	PASS	YES			
RHRF-D051-04	PIPE -ELBOW	C-F C5.11	R00008212			PT	19930113	PASS	YES			
RHRF-D051-04I	PIPE -PIPE	C-F C5.11	R00008213			PT	19920921	PASS	YES			
RHRF-D051-04J	PIPE -PIPE	C-F C5.11	R00008214			PT	19920921	PASS	YES			
RHRF-D051-06	PIPE -ELBOW	C-F C5.11	R00008215			PT	19921221	PASS	YES			

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RHRF-D051-07	PIPE -VALVE	C-F C5.21	R00008274			PT	19930128	PASS	YES			
			R00008275	C00001199	WB-03	UT-45	19930202	PASS	YES			
			R00008275	C00001200	WB-03	UT-45L	19930202	PASS	YES		GEOMETRIC	NON-RELEVANT
RHRF-D051-08	VALVE -PIPE	C-F C5.21	R00008276			PT	19920921	PASS	YES			
			R00008277	C00001053	WB-03	UT-45	19921019	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00008277	C00001054	WB-03	UT-60L	19921019	PASS	YES		GEOMETRIC	NON-RELEVANT
RHRF-D051-09	FL HEAD	C-F C5.21	R00008278			PT	19921021	PASS	YES			
			R00008279	C00001055	WB-03	UT-45	19921021	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00008279	C00001056	WB-03	UT-45L	19921021	PASS	YES		GEOMETRIC	NON-RELEVANT
RHRF-D051-11	VALVE -TEE	C-F C5.11	R00008216			PT	19920921	PASS	YES			
RHRF-D051-12	ELBOW -VALVE	C-F C5.11	R00008217			PT	19920921	PASS	YES			
RHRS-100	REDUCER -PIPE	C-F C5.11	R00008218			PT	19921222	PASS	YES			
RHRS-106	FLG -PIPE	C-F C5.11	R00008219			PT	19921221	PASS	YES			
RHRS-107	PIPE -TEE	C-F C5.11	R00008220			PT	19930105	PASS	YES			
RHRS-109	ELBOW -PIPE	C-F C5.11	R00008221			PT	19921221	PASS	YES			
RHRS-110	PIPE -ELBOW	C-F C5.11	R00008222			PT	19920917	PASS	YES			

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RHRS-111	ELBOW -PIPE	C-F C5.11	R00008223			PT	19920917	PASS	YES			
RHRS-112	PIPE -REDUCER	C-F C5.11	R00008224			PT	19920917	PASS	YES			
RHRS-112-LS	REDSEAM	C-F C5.12	R00008261			PT	19920917	PASS	YES			
RHRS-112A	REDUCER -ELBOW	C-F C5.11	R00008225			PT	19920917	PASS	YES			
RHRS-113	ELBOW -RED TEE	C-F C5.11	R00008226			PT	19930113	PASS	YES			
RHRS-113-LS	TEESEAM	C-F C5.12	R00008262			PT	19930113	PASS	YES			
RHRS-114	RED TEE -RED TEE	C-F C5.11	R00008227			PT	19930105	PASS	YES			
RHRS-114-LS	TEESEAM	C-F C5.12	R00008263			PT	19930105	PASS	YES			
RHRS-115	RED TEE -PIPE	C-F C5.11	R00008228			PT	19921217	PASS	YES			
RHRS-116	ELBOW -PIPE	C-F C5.11	R00008229			PT	19921222	PASS	YES			
RHRS-117	ELBOW -PIPE	C-F C5.11	R00008230			PT	19921130	PASS	YES			

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RHRS-119	ELBOW -PIPE	C-F C5.11	R00008231			PT	19921221	PASS	YES			
RHRS-120	PIPE -ELBOW	C-F C5.11	R00008232			PT	19920921	PASS	YES			
			R00005462			PT	19930325	PASS	YES			
RHRS-121	ELBOW -PIPE	C-F C5.11	R00008233			PT	19920921	PASS	YES			
RHRS-123	PIPE -ELBOW	C-F C5.11	R00008234			PT	19920917	PASS	YES			
			R00005461			PT	19930324	PASS	YES			
RHRS-127	ELBOW -FLG	C-F C5.11	R00008235			PT	19920921	PASS	YES			
RHRS-130	TEE -ELBOW	C-F C5.11	R00008236			PT	19930121	PASS	YES			
RHRS-132	ELBOW -ELBOW	C-F C5.11	R00008237			PT	19920921	PASS	YES			
RHRS-133	PIPE -ELBOW	C-F C5.11	R00008238			PT	19920921	PASS	YES			
RHRS-134	TEE -PIPE	C-F C5.11	R00008239			PT	19920921	PASS	YES			
RHRS-135	PIPE -TEE	C-F C5.11	R00008240			PT	19921222	PASS	YES			
RHRS-136	ELBOW -PIPE	C-F C5.11	R00008241			PT	19920917	PASS	YES			

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RHRS-137	PIPE	C-F	R00008242			PT	19920917	PASS	YES			
	-ELBOW	C5.11	R00005463			PT	19930325	PASS	YES			
RHRS-138	ELBOW	C-F	R00008243			PT	19920917	PASS	YES			
	-PIPE	C5.11										
RHRS-139	PIPE	C-F	R00008244			PT	19920917	PASS	YES			
	-ELBOW	C5.11										
RHRS-140	FLG	C-F	R00008245			PT	19921217	PASS	YES			
	-ELBOW	C5.11										
RHRS-141	ELBOW	C-F	R00008246			PT	19921217	PASS	YES			
	-PIPE	C5.11										
RHRS-142	PIPE	C-F	R00008247			PT	19921217	PASS	YES			
	-ELBOW	C5.11										
RHRS-143	ELBOW	C-F	R00008248			PT	19921217	PASS	YES			
	-PIPE	C5.11										
RHRS-157	PIPE	C-F	R00008280			PT	19921001	PASS	YES			
	-ELBOW	C5.21	R00008281	C00001052	WB-03	UT-45	19921019	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RHRS-157A	ELBOW	C-F	R00008282			PT	19920921	PASS	YES			
	-PIPE	C5.21	R00008283	C00001052	WB-03	UT-45	19921019	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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RHRS-158	PIPE	C-F	R00008284			PT	19920921	PASS	YES			
	-ELBOW	C5.21	R00008285	C00000854	WB-03	UT-45	19921020	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RHRS-159	ELBOW	C-F	R00008286			PT	19921020	PASS	YES			
	-ELBOW	C5.21	R00008287	C00000857	WB-03	UT-0	19921022	PASS	YES			
			R00008287	C00000854	WB-03	UT-45	19921020	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											PLANAR	ANALYZED, OK
											GEOMETRIC	NON-RELEVANT
			R00008287	C00000855	WB-03	UT-45	19921022	PASS	YES		PLANAR	ANALYZED, OK
			R00008287	C00000856	WB-03	UT-45L	19921022	PASS	YES		PLANAR	ANALYZED, OK

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RHRF-D054-02	ELBOW	C-F	R00008326			PT	19921228	PASS	YES			
	-PIPE	C5.21	R00008327	C00000945	WB-03	UT-45	19930112	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RHRF-D054-03	ELBOW	C-F	R00008328			PT	19921001	PASS	YES			
	-PIPE	C5.21	R00008329	C00000896	WB-02	UT-45	19921005	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RHRF-D054-07	PIPE	C-F	R00008330			PT	19920925	PASS	YES			
	-ELBOW	C5.21	R00008331	C00001062	WB-02	UT-45	19921001	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RHRF-D054-07B	ELBOW	C-F	R00008332			PT	19920924	PASS	YES			
	-PIPE	C5.21	R00008333	C00001062	WB-02	UT-45	19921001	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RHRF-D054-07C	ELBOW	C-F	R00008334			PT	19920924	PASS	YES			
	-PIPE	C5.21	R00005438			PT	19930326	PASS	YES			
			R00009599	C00000915	WB-02	UT-45	19921103	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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RHRF-D054-08	ELBOW	C-F	R00008336			PT	19920923	PASS	YES			
	-VALVE	C5.21	R00008337	C00001046	WB-02	UT-45	19920930	PASS	YES			
			R00008337	C00001047	WB-02	UT-45L	19920930	PASS	YES			
			R00008337	C00001048	WB-02	UT-60L	19920930	PASS	YES		GEOMETRIC	NON-RELEVANT
RHRF-D054-09	VALVE	B-J	R00008288			PT	19920923	PASS	YES			
	-PIPE	B9.11	R00005397			PT	19930326	PASS	YES			
			R00008289	C00001046	WB-02	UT-45	19920930	PASS	YES			
			R00008289	C00001047	WB-02	UT-45L	19920930	PASS	YES			
			R00008289	C00001048	WB-02	UT-60L	19920930	PASS	YES			
RHRF-D054-10	PIPE	B-J	R00008290			PT	19920923	PASS	YES			
	-PIPE	B9.11	R00008291	C00001067	WB-02	UT-45	19920928	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RHRF-D054-10A	PIPE	B-J	R00008292			PT	19920923	PASS	YES			
	-PIPE	B9.11	R00008293	C00001067	WB-02	UT-45	19920928	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RHRF-D054-11	PIPE	B-J	R00008294			PT	19921223	PASS	YES			
	-VALVE	B9.11	R00005396			PT	19930326	PASS	YES			
			R00008295	C00001103	WB-01	UT-45	19930107	PASS	YES			
			R00008295	C00001104	WB-01	UT-45L	19930107	PASS	YES			
RHRF-D054-12	VALVE	B-J	R00008296			PT	19920826	PASS	YES			
	-ELBOW	B9.11	R00008297	C00000822	WB-01	UT-45	19920924	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00008297	C00000823	WB-01	UT-60L	19920924	PASS	YES			
RHRF-D054-15	WELDOLT	B-J	R00008298			PT	19921223	PASS	YES			
	-ELBOW	B9.11	R00008299	C00001094	WB-01	UT-45	19930106	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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RHRF-D054-15	WELDOLT -ELBOW	B-J B9.11	R00008299	C00001246	WB-01	UT-45	19930423	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00008299	C00001095	WB-01	UT-45L	19930106	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00008299	C00001247	WB-01	UT-60L	19930423	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RHRS-144	PIPE -ELBOW	B-J B9.11	R00008300			PT	19920924	PASS	YES			
			R00008301	C00001067	WB-02	UT-45	19920928	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RHRS-145	ELBOW -PIPE	B-J B9.11	R00008302			PT	19930113	PASS	YES			
			R00005393			PT	19930329	PASS	YES			
			R00008303	C00001042	WB-02	UT-45	19930114	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RHRS-146	PIPE -RED ELB	B-J B9.11	R00008304			PT	19920923	PASS	YES			
			R00008305	C00001067	WB-02	UT-45	19920928	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RHRS-147	RED ELB -PIPE	B-J B9.11	R00008306			PT	19921223	PASS	YES			
			R00008307	C00001103	WB-01	UT-45	19930107	PASS	YES			
			R00008307	C00001104	WB-01	UT-45L	19930107	PASS	YES		GEOMETRIC	NON-RELEVANT
RHRS-148	ELBOW -PIPE	B-J B9.11	R00008308			PT	19920826	PASS	YES			
			R00008309	C00001066	WB-01	UT-45	19920924	PASS	YES			
RHRS-149	PIPE -ELBOW	B-J B9.11	R00008310			PT	19921223	PASS	YES			

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RHRS-149	PIPE	B-J	R00008311	C00001103	WB-01	UT-45	19930107	PASS	YES		GEOMETRIC	NON-RELEVANT
	-ELBOW	B9.11									GEOMETRIC	NON-RELEVANT
RHRS-150	ELBOW	B-J	R00008312			PT	19921223	PASS	YES			
	-PIPE	B9.11	R00008313	C00001097	WB-01	UT-45	19930106	PASS	YES		GEOMETRIC	NON-RELEVANT
RHRS-151	PIPE	B-J	R00008314			PT	19921223	PASS	YES			
	-ELBOW	B9.11	R00008315	C00001103	WB-01	UT-45	19930107	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RHRS-160	PIPE	C-F	R00008338			PT	19920924	PASS	YES			
	-ELBOW	C5.21	R00008339	C00001049	WB-03	UT-45	19921007	PASS	YES		GEOMETRIC	NON-RELEVANT
RHRS-161	ELBOW	C-F	R00008340			PT	19920924	PASS	YES			
	-PIPE	C5.21	R00008341	C00001049	WB-03	UT-45	19921007	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RHRS-162	PIPE	C-F	R00008342			PT	19920924	PASS	YES			
	-ELBOW	C5.21	R00008343	C00001049	WB-03	UT-45	19921007	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RHRS-163	PIPE	C-F	R00008344			PT	19920924	PASS	YES			
	-RED TEE	C5.21	R00008345	C00001050	WB-03	UT-45	19921008	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00008345	C00001051	WB-03	UT-45L	19921008	PASS	YES		GEOMETRIC	NON-RELEVANT
RHRS-164	RED TEE	C-F	R00008346			PT	19920924	PASS	YES			
	-RED ELB	C5.21	R00008347	C00001050	WB-03	UT-45	19921008	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00008347	C00001051	WB-03	UT-45L	19921008	PASS	YES			
RHRS-164A	RED ELB	C-F	R00008348			PT	19921229	PASS	YES			
	-ELBOW	C5.21										

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RHRS-164A	RED ELB	C-F	R00008349	C00001090	WB-02	UT-45	19930107	PASS	YES	ISI-17	GEOMETRIC	NON-RELEVANT
	-ELBOW	C5.21	R00008349	C00001091	WB-02	UT-60L	19930107	PASS	YES	ISI-17	GEOMETRIC	NON-RELEVANT
RHRS-165	ELBOW	C-F	R00008350			PT	19920925	PASS	YES			
	-ELBOW	C5.21	R00009582	C00000915	WB-02	UT-45	19921103	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RHRS-167	PIPE	C-F	R00008352			PT	19930128	PASS	YES			
	-ELBOW	C5.21	R00008353	C00001205	WB-02	UT-45	19930201	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RHRS-169	PIPE	C-F	R00008354			PT	19920925	PASS	YES			
	-ELBOW	C5.21	R00008355	C00001068	WB-02	UT-45	19920929	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RHRS-170	ELBOW	C-F	R00008356			PT	19920925	PASS	YES			
	-PIPE	C5.21	R00008357	C00001068	WB-02	UT-45	19920929	PASS	YES		GEOMETRIC	NON-RELEVANT
RHRS-171	PIPE	C-F	R00008358			PT	19920924	PASS	YES			
	-ELBOW	C5.21	R00008359	C00001068	WB-02	UT-45	19920929	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RHRW-04	WELDOLT	B-J	R00008316			PT	19930104	PASS	YES			
	-BR CONN	B9.32										

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RHRF-D055-01	TEE	C-F	R00008399			PT	19920928	PASS	YES			
	-PIPE	C5.21	R00008400	C00001081	WB-02	UT-45	19930108	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00008400	C00001082	WB-02	UT-60L	19930108	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RHRF-D055-09	PIPE	C-F	R00008401			PT	19930201	PASS	YES			
	-ELBOW	C5.21	R00008402	C00001145	WB-02	UT-45	19930202	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RHRF-D055-10	ELBOW	C-F	R00008403			PT	19920925	PASS	YES			
	-VALVE	C5.21	R00005440			PT	19930329	PASS	YES			
			R00008404	C00001075	WB-02	UT-45	19920929	PASS	YES			
			R00008404	C00001076	WB-02	UT-45L	19920929	PASS	YES			
RHRF-D055-11	VALVE	B-J	R00008360			PT	19930105	PASS	YES			
	-PIPE	B9.11	R00008361	C00001092	WB-02	UT-45	19930107	PASS	YES			
			R00008361	C00001093	WB-02	UT-45L	19930107	PASS	YES			
RHRF-D055-12	PIPE	B-J	R00008362			PT	19920928	PASS	YES			
	-PIPE	B9.11	R00008363	C00001045	WB-02	UT-45	19920930	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RHRF-D055-13	PIPE	B-J	R00008364			PT	19920928	PASS	YES			
	-ELBOW	B9.11	R00008365	C00001045	WB-02	UT-45	19920930	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RHRF-D055-13A	ELBOW	B-J	R00008366			PT	19930127	PASS	YES			
	-PIPE	B9.11	R00008367	C00001170	WB-02	UT-45	19930128	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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RHRF-D055-13B	PIPE	B-J	R00008368			PT	19930105	PASS	YES			
	-PIPE	B9.11	R00008369	C00001080	WB-02	UT-45	19930108	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RHRF-D055-14	REDUCER	B-J	R00008370			PT	19920901	PASS	YES			
	-VALVE	B9.11										
RHRF-D055-15	VALVE	B-J	R00008371			PT	19920901	PASS	YES			
	-ELBOW	B9.11	R00005391			PT	19930329	PASS	YES			
			R00008372	C00001071	WB-01	UT-45	19920924	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00008372	C00001072	WB-01	UT-60L	19920924	PASS	YES		GEOMETRIC	NON-RELEVANT
RHRF-D055-16	ELBOW	B-J	R00008373			PT	19920901	PASS	YES			
	-WELDOLT	B9.11	R00008374	C00001069	WB-01	UT-45	19920923	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00008374	C00001070	WB-01	UT-60L	19920923	PASS	YES			
RHRF-D055-21	ELBOW	B-J	R00008375			PT	19930331	PASS	YES			
	-PIPE	B9.11	R00008376	C00001224	WB-01	UT-45	19930415	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RHRS-152	PIPE	B-J	R00008377			PT	19930127	PASS	YES			
	-ELBOW	B9.11	R00008377A			PT	19930222	PASS	YES			
			R00008378	C00001170	WB-02	UT-45	19930128	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RHRS-152A	ELBOW	B-J	R00008379			PT	19920928	PASS	YES			
	-PIPE	B9.11	R00008380	C00001045	WB-02	UT-45	19920930	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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RHRS-153	PIPE	B-J	R00008381			PT	19920928	PASS	YES			
	-REDUCER	B9.11	R00008382	C00001045	WB-02	UT-45	19920930	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RHRS-154	PIPE	B-J	R00008383			PT	19920928	PASS	YES			
	-ELBOW	B9.11	R00008384	C00001044	WB-01	UT-45	19921102	PASS	YES		GEOMETRIC	NON-RELEVANT
RHRS-155	ELBOW	B-J	R00008385			PT	19920901	PASS	YES			
	-PIPE	B9.11	R00008386	C00001073	WB-01	UT-45	19920923	PASS	YES			
RHRS-156	PIPE	B-J	R00008387			PT	19920901	PASS	YES			
	-ELBOW	B9.11	R00008388	C00001073	WB-01	UT-45	19920923	PASS	YES		GEOMETRIC	NON-RELEVANT
RHRS-172	PIPE	C-F	R00008405			PT	19920928	PASS	YES			
	-ELBOW	C5.21	R00008406	C00001090	WB-02	UT-45	19930107	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RHRS-173	ELBOW	C-F	R00008407			PT	19920928	PASS	YES			
	-PIPE	C5.21	R00009583	C00001090	WB-02	UT-45	19930107	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00009583	C00001091	WB-02	UT-60L	19930107	PASS	YES			
RHRS-174	ELBOW	C-F	R00008408			PT	19920925	PASS	YES			
	-ELBOW	C5.21	R00008409	C00001074	WB-02	UT-45	19920928	PASS	YES		GEOMETRIC	NON-RELEVANT
RHRS-175	ELBOW	C-F	R00008410			PT	19920925	PASS	YES			
	-ELBOW	C5.21	R00008411	C00001074	WB-02	UT-45	19920928	PASS	YES		GEOMETRIC	NON-RELEVANT
RHRS-176	ELBOW	C-F	R00008412			PT	19920925	PASS	YES			
	-PIPE	C5.21										

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RHRS-176	ELBOW	C-F	R00008413	C00001074	WB-02	UT-45	19920928	PASS	YES		GEOMETRIC	NON-RELEVANT
	-PIPE	C5.21									GEOMETRIC	NON-RELEVANT
RHRS-177	PIPE	C-F	R00008414			PT	19930105	PASS	YES			
	-ELBOW	C5.21	R00008415	C00001092	WB-02	UT-45	19930107	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00008415	C00001248	WB-02	UT-45	19930428	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00008415	C00001249	WB-02	UT-60L	19930428	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RHRW-05	WELDOLT	B-J	R00008389			PT	19920928	PASS	YES			
	-BR CONN	B9.32	R00005392			PT	19930329	PASS	YES			

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RHRHX-6-1A-1A	VES IWA	C-C C3. 10	R00003260			PT	19840213	PASS	YES			

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1-74-001	RIG HGR	C-E C3. 50	R00006178			VT-3	19940401	PASS	YES			
1-74-002	RIG HGR	B-K-2 B11.10	R00005720			VT-3	19930927	PASS	YES			
1-74-004	RIG HGR	C-E C3. 50	R00005670			VT-3	19930729	PASS	YES			
1-74-005	RIG HGR	B-K-2 B11.10	R00005330			VT-3	19930504	PASS	YES			
1-74-007	M SNUB	B-K-2 B11.10	R00006098 R00006310			VT-3 VT-4	19940313 19940907	PASS PASS	YES YES			
1-74-008	M SNUB	B-K-2 B11.10	R00006102 R00006311			VT-3 VT-4	19940315 19940907	PASS PASS	YES YES			
1-74-010	RIG HGR	B-K-2 B11.10	R00005311			VT-3	19930507	PASS	YES			
1-74-011	M SNUB	B-K-2 B11.10	R00005721 R00006312			VT-3 VT-4	19930927 19940907	PASS PASS	YES YES			
1-74-012	RIG HGR	B-K-2 B11.10	R00005331			VT-3	19930504	PASS	YES			
1-74-020	M SNUB	B-K-2 B11.10	R00006119 R00006309			VT-3 VT-4	19940316 19940907	PASS PASS	YES YES			
1-74-022	VSPRING	B-K-2 B11.10	R00006078			VT-3	19940308	PASS	YES			

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1-74-022	VSPRING	B-K-2 B11.10	R00006586			VT-4	19950518	PASS	YES			

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47A432-2-01	M SNUB	C-E C3. 50	R00006087			VT-3	19940311	PASS	YES			
		C-E C3. 60	R00006122			VT-4	19940316	PASS	YES			
47A432-6-01	M SNUB	C-E C3. 50	R00006343			VT-3	19940914	PASS	YES			
		C-E C3. 60	R00006343			VT-4	19940914	PASS	YES			
47A432-6-02	RIG HGR	C-E C3. 50	R00005336			VT-3	19930503	PASS	YES			
63-1SISR133	RIG HGR	C-E C3. 50	R00005367			VT-3	19930512	PASS	YES			
63-1SISR157	RIG HGR	C-E C3. 50	R00005368 R00006418			VT-3 VT-3	19930512 19941020	PASS PASS	YES YES			
63-1SISR177	RIG HGR	C-E C3. 50	R00005595			VT-3	19930616	PASS	YES			
63-1SISR178	RIG HGR	C-E C3. 50	R00005333			VT-3	19930503	PASS	YES			
63-1SISR181	RIG HGR	C-E C3. 50	R00006340			VT-3	19940914	PASS	YES			
63-1SISR182	RIG HGR	C-E C3. 50	R00006339			VT-3	19940914	PASS	YES			

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63-1SISV132	VSPRING	C-E C3. 50	R00005215			VT-3	19930216	PASS	YES			
		C-E C3. 60	R00006341			VT-4	19940914	PASS	YES			
63-1SISV134	VSPRING	C-E C3. 50	R00006599			VT-3	19950608	PASS	YES			
		C-E C3. 60	R00006599			VT-4	19950608	PASS	YES			
63-1SISV158	VSPRING	C-E C3. 50	R00006337			VT-3	19940909	PASS	YES			
		C-E C3. 60	R00006337			VT-4	19940909	PASS	YES			
63-1SISV179	VSPRING	C-E C3. 50	R00006030			VT-3	19940224	PASS	YES			
		C-E C3. 60	R00006357			VT-4	19940915	PASS	YES			
63-1SISV180	VSPRING	C-E C3. 50	R00005335			VT-3	19930503	PASS	YES			
		C-E C3. 60	R00006342			VT-4	19940914	PASS	YES			

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47A432-1-05	M SNUB	C-E C3. 50	R00006417			VT-3	19941020	PASS	YES			
		C-E C3. 60	R00006417			VT-4	19941020	PASS	YES			
47A432-1-06	RIG HGR	C-E C3. 50	R00005199			VT-3	19921116	PASS	YES			
47A432-1-07	RIG HGR	C-E C3. 50	R00005200			VT-3	19921116	PASS	YES			
47A432-1-31	M SNUB	C-E C3. 50	R00006436			VT-3	19941101	PASS	YES			
		C-E C3. 60	R00006436			VT-4	19941101	PASS	YES			
47A435-6-100	M SNUB	C-E C3. 50	R00005337			VT-3	19930422	PASS	YES			
		C-E C3. 60	R00006332			VT-4	19940908	PASS	YES			
63-1SISR137	RIG HGR	C-E C3. 50	R00005739			VT-3	19931012	PASS	YES			
63-1SISR138	RIG HGR	C-E C3. 50	R00006045			VT-3	19940302	PASS	YES			
63-1SISR140	RIG HGR	C-E C3. 50	R00006066			VT-3	19940307	PASS	YES			

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63-1SISR141	RIG HGR	C-E C3. 50	R00005338			VT-3	19930420	PASS	YES			
63-1SISR142	M SNUB	C-E C3. 50	R00006461			VT-3	19950127	PASS	YES			
		C-E C3. 60	R00006461			VT-4	19950127	PASS	YES			
63-1SISR144	RIG HGR	C-E C3. 50	R00005340			VT-3	19930422	PASS	YES			
63-1SISR146	M SNUB	C-E C3. 50	R00005312			VT-3	19930507	PASS	YES			
		C-E C3. 60	R00006352			VT-4	19940914	PASS	YES			
63-1SISR147	M SNUB	C-E C3. 50	R00006070			VT-3	19940308	PASS	YES			
		C-E C3. 60	R00006353			VT-4	19940914	PASS	YES			
63-1SISR148	M SNUB	C-E C3. 50	R00005342			VT-3	19930423	PASS	YES			
		C-E C3. 60	R00006347			VT-4	19940914	PASS	YES			
63-1SISR149	M SNUB	C-E C3. 50	R00005343			VT-3	19930423	PASS	YES			

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63-1SISR149	M SNUB	C-E C3. 60	R00006346			VT-4	19940914	PASS	YES			
63-1SISR151	M SNUB	C-E C3. 50	R00005345			VT-3	19930423	PASS	YES			
		C-E C3. 60	R00006345			VT-4	19940914	PASS	YES			
63-1SISR152	RIG HGR	C-E C3. 50	R00005232			VT-3	19930225	PASS	YES			
63-1SISR153	RIG HGR	C-E C3. 50	R00005231			VT-3	19930225	PASS	YES			
63-1SISR155	M SNUB	C-E C3. 50	R00006016			VT-3	19940222	PASS	YES			
		C-E C3. 60	R00006344			VT-4	19940914	PASS	YES			
63-1SISR162	RIG HGR	C-E C3. 50	R00006065			VT-3	19940307	PASS	YES			
63-1SISR164	RIG HGR	C-E C3. 50	R00006063			VT-3	19940306	PASS	YES			
63-1SISR165	RIG HGR	C-E C3. 50	R00005672			VT-3	19930805	PASS	YES			
63-1SISR168	M SNUB	C-E C3. 50	R00005348			VT-3	19930422	PASS	YES			

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63-1SISR168	M SNUB	C-E C3. 60	R00006336			VT-4	19940909	PASS	YES			
63-1SISR169	RIG HGR	C-E C3. 50	R00006435			VT-3	19941025	PASS	YES			
63-1SISR170	M SNUB	C-E C3. 50	R00005349			VT-3	19930423	PASS	YES			
		C-E C3. 60	R00006354			VT-4	19940914	PASS	YES			
63-1SISR171	RIG HGR	C-E C3. 50	R00005681			VT-3	19930818	PASS	YES			
63-1SISR173	M SNUB	C-E C3. 50	R00005210			VT-3	19930113	PASS	YES			
		C-E C3. 60	R00006350			VT-4	19940914	PASS	YES			
63-1SISR174	MSNUB-2	C-E C3. 50	R00005211			VT-3	19930113	PASS	YES			
		C-E C3. 60	R00006349			VT-4	19940914	PASS	YES			
63-1SISR175	RIG HGR	C-E C3. 50	R00005350			VT-3	19930423	PASS	YES			
63-1SISV136	VSPRING	C-E C3. 50	R00006598			VT-3	19950608	PASS	YES			

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63-1SISV136	VSPRING	C-E C3. 60	R00006598			VT-4	19950608	PASS	YES			
63-1SISV139	HVSPG 2	C-E C3. 50	R00006329			VT-3	19950607	ENGR	YES		INC SETTING	ANAL OK ACCP
											BENT ROD	ANAL OK ACCP
		C-E C3. 60	R00006329			VT-4	19950607	PASS	YES			
63-1SISV143	VSPRING	C-E C3. 50	R00005339			VT-3	19930420	PASS	YES			
		C-E C3. 60	R00006330			VT-4	19940908	PASS	YES			
63-1SISV145	VSPRING	C-E C3. 50	R00006594			VT-3	19950606	PASS	YES			
		C-E C3. 60	R00006594			VT-4	19950606	PASS	YES			
63-1SISV150	VSPRING	C-E C3. 50	R00005344			VT-3	19930423	PASS	YES			
		C-E C3. 60	R00006348			VT-4	19940914	PASS	YES			
63-1SISV163	HVSPG 2	C-E C3. 50	R00006595			VT-3	19950606	PASS	YES			
		C-E C3. 60	R00006595			VT-4	19950606	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
63-1SISV166	HVSPG 2	C-E C3. 50	R00005347			VT-3	19930422	PASS	YES			
		C-E C3. 60	R00006335			VT-4	19940909	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
74-1RHR-R037	M SNUB	C-E C3. 50	R00005172			VT-3	19920812	PASS	YES			
		C-E C3. 60	R00006359			VT-4	19940915	PASS	YES			
74-1RHR-R039	RIG HGR	C-E C3. 50	R00006433			VT-3	19941025	PASS	YES			
74-1RHR-R086	RIG HGR	C-E C3. 50	R00006050			VT-3	19940302	PASS	YES			
74-1RHR-R088	RIG HGR	C-E C3. 50	R00005235			VT-3	19930225	PASS	YES			
74-1RHR-R089	RIG HGR	C-E C3. 50	R00005224			VT-3	19930224	PASS	YES			
74-1RHR-R092	RIG HGR	C-E C3. 50	R00005351			VT-3	19930430	PASS	YES			
74-1RHR-R093	RIG HGR	C-E C3. 50	R00006361			VT-3	19940915	PASS	YES			
74-1RHR-R094	RIG HGR	C-E C3. 50	R00005809			VT-3	19931203	PASS	YES			
74-1RHR-R096	M SNUB	C-E C3. 50	R00005203			VT-3	19921208	PASS	YES			
		C-E C3. 60	R00006362			VT-4	19940915	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
74-1RHR-R097	RIG HGR	C-E C3. 50	R00006420			VT-3	19941020	PASS	YES			
74-1RHR-R098	RIG HGR	C-E C3. 50	R00005202			VT-3	19921208	PASS	YES			
74-1RHR-R101	RIG HGR	C-E C3. 50	R00006150			VT-3	19940322	PASS	YES			
74-1RHR-R102	RIG HGR	C-E C3. 50	R00005353			VT-3	19930427	PASS	YES			
74-1RHR-V038	HVSPG 2	C-E C3. 50	R00005221			VT-3	19930216	PASS	YES			
		C-E	R00006100			VT-4	19940314	PASS	YES			
		C3. 60	R00006358			VT-4	19940915	PASS	YES			

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74-1RHR-R040	RIG HGR	C-E C3. 50	R00006039			VT-3	19940301	PASS	YES			
74-1RHR-R042	RIG HGR	C-E C3. 50	R00005177			VT-3	19920901	PASS	YES			
74-1RHR-R044	RIG HGR	C-E C3. 50	R00005178			VT-3	19920901	PASS	YES			
74-1RHR-R047	RIG HGR	C-E C3. 50	R00005255			VT-3	19930406	PASS	YES			
74-1RHR-R048	M SNUB	C-E C3. 50	R00006448			VT-3	19941117	PASS	YES			
		C-E C3. 60	R00006448			VT-4	19941117	PASS	YES			
74-1RHR-R050	RIG HGR	C-E C3. 50	R00006607			VT-3	19950807	PASS	YES			
74-1RHR-R051	RIG HGR	C-E C3. 50	R00005180			VT-3	19920901	PASS	YES			
74-1RHR-R054	RIG HGR	C-E C3. 50	R00005181			VT-3	19920901	PASS	YES			
74-1RHR-R056	RIG HGR	C-E C3. 50	R00006364			VT-3	19940915	PASS	YES			
74-1RHR-R058	MSNUB-2	C-E C3. 50	R00006009			VT-3	19940216	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
74-1RHR-R058	MSNUB-2	C-E C3. 60	R00006365			VT-4	19940915	PASS	YES			
74-1RHR-R059	RIG HGR	C-E C3. 50	R00006027			VT-3	19940224	PASS	YES			
74-1RHR-R060	RIG HGR	C-E C3. 50	R00006366			VT-3	19940915	PASS	YES			
74-1RHR-R063	RIG HGR	C-E C3. 50	R00005240			VT-3	19930302	PASS	YES			
74-1RHR-R064	RIG HGR	C-E C3. 50	R00006061			VT-3	19940304	PASS	YES			
74-1RHR-V041	VSPRING	C-E C3. 50	R00005354			VT-3	19930429	PASS	YES			
		C-E C3. 50	R00006101			VT-3	19950314	PASS	YES			
		C-E C3. 60	R00006363			VT-4	19940915	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
47A432-2-13	RIG HGR	C-E C3. 50	R00005356			VT-3	19930428	PASS	YES			
47A432-2-14	RIG HGR	C-E C3. 50	R00006432			VT-3	19941025	PASS	YES			
74-1RHR-R003	RIG HGR	C-E C3. 50	R00005782			VT-3	19931105	PASS	YES			
74-1RHR-R004	M SNUB	C-E C3. 50	R00006451			VT-3	19950109	PASS	YES			
		C-E C3. 60	R00006611			VT-4	19950922	PASS	YES			
74-1RHR-R005	RIG HGR	C-E C3. 50	R00006356			VT-3	19940915	PASS	YES			
74-1RHR-R006	RIG HGR	C-E C3. 50	R00006444			VT-3	19941109	PASS	YES			
74-1RHR-R007	RIG HGR	C-E C3. 50	R00005237			VT-3	19930301	PASS	YES			
74-1RHR-R016	RIG HGR	C-E C3. 50	R00005245			VT-3	19930310	PASS	YES			
74-1RHR-R017	M SNUB	C-E C3. 50	R00006437			VT-3	19941101	PASS	YES			
		C-E C3. 60	R00006437			VT-4	19941101	PASS	YES			

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74-1RHR-R018	RIG HGR	C-E C3. 50	R00006429			VT-3	19941025	PASS	YES			
74-1RHR-R019	RIG HGR	C-E C3. 50	R00005234			VT-3	19930225	PASS	YES			
74-1RHR-R020	RIG HGR	C-E C3. 50	R00005239			VT-3	19930301	PASS	YES			
74-1RHR-R022	RIG HGR	C-E C3. 50	R00005174			VT-3	19920812	PASS	YES			
74-1RHR-R023	RIG HGR	C-E C3. 50	R00006430			VT-3	19941025	PASS	YES			
74-1RHR-R025	RIG HGR	C-E C3. 50	R00006431			VT-3	19941025	PASS	YES			
74-1RHR-R026	RIG HGR	C-E C3. 50	R00005188			VT-3	19921005	PASS	YES			
74-1RHR-R027	RIG HGR	C-E C3. 50	R00005369			VT-3	19930513	PASS	YES			
74-1RHR-R028	RIG HGR	C-E C3. 50	R00005229			VT-3	19930224	PASS	YES			
74-1RHR-R029	RIG HGR	C-E C3. 50	R00005228			VT-3	19930224	PASS	YES			
74-1RHR-R030	RIG HGR	C-E C3. 50	R00005357			VT-3	19930429	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
74-1RHR-R031	RIG HGR	C-E C3. 50	R00005358			VT-3	19930429	PASS	YES			
74-1RHR-R032	RIG HGR	C-E C3. 50	R00005213			VT-3	19930210	PASS	YES			
74-1RHR-R033	RIG HGR	C-E C3. 50	R00005175			VT-3	19920812	PASS	YES			
74-1RHR-R034	RIG HGR	C-E C3. 50	R00005173			VT-3	19920812	PASS	YES			
74-1RHR-V011	VSPRING	C-E C3. 50	R00006440			VT-3	19941103	PASS	YES			
		C-E C3. 60	R00006440			VT-4	19941103	PASS	YES			
74-1RHR-V015	HVSPG 2	C-E C3. 50	R00006439			VT-3	19941103	PASS	YES			
		C-E C3. 60	R00006439			VT-4	19941103	PASS	YES			

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1-63-363	RIG HGR	C-E C3. 50	R00005201			VT-3	19921117	PASS	YES			
1-63-365	M SNUB	B-K-2 B11.10	R00005967			VT-3	19940203	PASS	YES			
			R00006313			VT-4	19940907	PASS	YES			
1-63-366	M SNUB	B-K-2 B11.10	R00005648			VT-3	19930707	PASS	YES			
			R00006314			VT-4	19940907	PASS	YES			
1-63-367	VSPRING	B-K-2 B11.10	R00006593			VT-3	19950607	PASS	YES			
			R00006593			VT-4	19950607	PASS	YES			
1-63-368	M SNUB	B-K-2 B11.10	R00005970			VT-3	19940203	PASS	YES			
			R00006315			VT-4	19940907	PASS	YES			
1-63-369	RIG HGR	B-K-2 B11.10	R00005166			VT-3	19920701	PASS	YES			
1-63-370	RIG HGR	B-K-2 B11.10	R00005192			VT-3	19921014	PASS	YES			
1-63-371	M SNUB -RIG HGR	C-E C3. 50	R00006177			VT-3	19940401	PASS	YES			
		C-E C3. 60	R00006316			VT-4	19940907	PASS	YES			
1-63-372	RIG HGR	C-E C3. 50	R00005191			VT-3	19921014	PASS	YES			
1-63-373	RIG HGR	C-E C3. 50	R00005190			VT-3	19921014	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
1-63-374	RIG HGR	C-E C3. 50	R00005360			VT-3	19930505	PASS	YES			
1-63-375	RIG HGR	C-E C3. 50	R00005361			VT-3	19930505	PASS	YES			
1-63-376	RIG HGR	C-E C3. 50	R00005362			VT-3	19930505	PASS	YES			
1-63-377	RIG HGR	C-E C3. 50	R00005363			VT-3	19930507	PASS	YES			
1-63-378	RIG HGR	C-E C3. 50	R00005364			VT-3	19930507	PASS	YES			
1-63-379	RIG HGR	C-E C3. 50	R00005892			VT-3	19940112	PASS	YES			
1-63-388	RIG HGR	B-K-2 B11.10	R00005611			VT-3	19930623	PASS	YES			

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1-63-340	M SNUB	B-K-2	R00005183			VT-3	19920928	PASS	YES			
		B11.10	R00006322			VT-4	19940907	PASS	YES			
1-63-341	M SNUB	B-K-2	R00006421			VT-3	19941025	PASS	YES			
		B11.10	R00006321			VT-4	19940907	PASS	YES			
1-63-342	VSPRING	B-K-2	R00006591			VT-3	19950607	PASS	YES			
		B11.10	R00006591			VT-4	19950607	PASS	YES			
1-63-343	RIG HGR	B-K-2	R00005365			VT-3	19930507	PASS	YES			
		B11.10										
1-63-344	M SNUB	B-K-2	R00005968			VT-3	19940204	PASS	YES			
		B11.10	R00006323			VT-4	19940907	PASS	YES			
1-63-345	RIG HGR	B-K-2	R00005366			VT-3	19930507	PASS	YES			
		B11.10										
1-63-346	RIG HGR	B-K-2	R00006169			VT-3	19940330	PASS	YES			
		B11.10										
1-63-347	RIG HGR	C-E	R00005186			VT-3	19920928	PASS	YES			
		C3. 50										
1-63-349	VSPRING	C-E	R00006592			VT-3	19950608	PASS	YES			
		C3. 50										
		C-E	R00006592			VT-4	19950608	PASS	YES			
		C3. 60										
1-63-350	RIG HGR	C-E	R00005577			VT-3	19930610	PASS	YES			
		C3. 50										

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1-63-351	RIG HGR	C-E C3. 50	R00005185			VT-3	19920928	PASS	YES			
1-63-352	RIG HGR	C-E C3. 50	R00005576			VT-3	19930610	PASS	YES			
1-63-353	RIG HGR	C-E C3. 50	R00005205			VT-3	19930104	PASS	YES			
1-63-353-IA	IWA	C-C C3. 40	R00005133			PT	19900916	FAIL	YES		SURF, LINEAR IND. RMVD.	
			R00005145			PT	19901024	PASS	YES		SURF, LINEAR IND. RMVD.	
1-63-354	RIG HGR	C-E C3. 50	R00005184			VT-3	19920928	PASS	YES			
1-63-355	RIG HGR	C-E C3. 50	R00005575			VT-3	19930610	PASS	YES			
1-63-356	RIG HGR	C-E C3. 50	R00005571			VT-3	19930610	PASS	YES			
1-63-357	RIG HGR	C-E C3. 50	R00005176			VT-3	19920825	PASS	YES			
1-63-358	RIG HGR	C-E C3. 50	R00005195			VT-3	19921026	PASS	YES			
1-63-359	RIG HGR	C-E C3. 50	R00005196			VT-3	19921026	PASS	YES			
1-63-360	RIG HGR	C-E C3. 50	R00005197			VT-3	19921026	PASS	YES			

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1-63-361	RIG HGR	C-E C3. 50	R00005198			VT-3	19921026	PASS	YES			
1-63-362	RIG HGR	C-E C3. 50	R00005891			VT-3	19940112	PASS	YES			
1-63-589	M SNUB	C-E C3. 50	R00005940			VT-3	19940124	PASS	YES			
		C-E C3. 60	R00006325			VT-4	19940907	PASS	YES			
1-63-590	M SNUB	C-E C3. 50	R00005573			VT-3	19930610	PASS	YES			
		C-E C3. 60	R00006317			VT-4	19940907	PASS	YES			
1-63-591	M SNUB	C-E C3. 50	R00006318			VT-3	19940907	PASS	YES			
		C-E C3. 60	R00006318			VT-4	19940907	PASS	YES			
1-63-592	M SNUB	C-E C3. 50	R00006319			VT-3	19940907	PASS	YES			
		C-E C3. 60	R00006319			VT-4	19940907	PASS	YES			
1-63-593	M SNUB	C-E C3. 50	R00005572			VT-3	19930610	PASS	YES			

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SYSTEM : RHRS RESIDUAL HEAT REMOVAL SYSTEM - 074
ISOMETRIC NUMBER : ISI-0020-C SHEET : 08

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
1-63-593	M SNUB	C-E C3. 60	R00006320			VT-4	19940907	PASS	YES			
1-63-596	M SNUB	B-K-2 B11.10	R00005939			VT-3	19940124	PASS	YES			
		B-K-2 B11.10	R00006326			VT-4	19940907	PASS	YES			
1-63-597	M SNUB	B-K-2 B11.10	R00006460 R00006460			VT-3 VT-4	19950125 19950125	PASS PASS	YES YES			
1-63-598	M SNUB	B-K-2 B11.10	R00005169 R00006327			VT-3 VT-4	19920727 19940907	PASS PASS	YES YES			
1-63-602	M SNUB	B-K-2 B11.10	R00005969 R00006324			VT-3 VT-4	19940204 19940907	PASS PASS	YES YES			
47A432-3-03	MSNUB-2	C-E C3. 50	R00006053			VT-3	19930302	PASS	YES			
		C-E C3. 60	R00006333			VT-4	19940908	PASS	YES			

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SYSTEM : RHRS RESIDUAL HEAT REMOVAL SYSTEM - 074
ISOMETRIC NUMBER : ISI-0117-A SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
RHRPH-1A-A	PMP SUP	C-E C3. 80	R00003112			VT-3	19831021	PASS	YES			
RHRPH-1A-A-IA	PUMPIWA	C-C C3. 70	R00003250			PT	19840203	PASS	YES			
RHRPH-1B-B	PMP SUP	C-E C3. 80	R00003113			VT-3	19831021	PASS	YES			
RHRPH-1B-B-IA	PUMPIWA	C-C C3. 70	R00003249			PT	19840203	PASS	YES			

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SYSTEM : RV REACTOR VESSEL - 068
ISOMETRIC NUMBER : CHM-2685-B SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
UHIF-W001-01G	CAP	B-J	R00009817			PT	19921029	PASS	YES			
		B9.11	R00009818	C00001172	WB-01	UT-45	19930217	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00009818	C00001173	WB-01	UT-60L	19930217	PASS	YES			
UHIF-W001-07R	CAP	B-J	R00009819			PT	19921029	PASS	YES			
		B9.11	R00009820	C00001172	WB-01	UT-45	19930217	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00009820	C00001173	WB-01	UT-60L	19930217	PASS	YES			
UHIF-W001-09A	CAP	B-J	R00009821			PT	19921029	PASS	YES			
		B9.11	R00009822	C00001172	WB-01	UT-45	19930217	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009822	C00001173	WB-01	UT-60L	19930217	PASS	YES		GEOMETRIC	NON-RELEVANT
UHIF-W001-15J	CAP	B-J	R00009823			PT	19921029	PASS	YES			
		B9.11	R00009824	C00001172	WB-01	UT-45	19930217	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00009824	C00001215	WB-01	UT-45	19930223	PASS	YES		PLANAR	EVAL;SUP EXM
			R00009824	C00001216	WB-01	UT-60	19930223	PASS	YES		PLANAR	EVAL;SUP EXM
			R00009824	C00001217	WB-01	UT-60	19930223	PASS	YES			
			R00009824	C00001173	WB-01	UT-60L	19930217	PASS	YES		GEOMETRIC	NON-RELEVANT
											PLANAR	EVAL;SUP EXM
			R00009824	C00001214	WB-01	UT-60L	19930223	PASS	YES		PLANAR	EVAL;SUP EXM

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SYSTEM : RV REACTOR VESSEL - 068
ISOMETRIC NUMBER : ISI-0427-C SHEET : 05

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
RVINT	INT SUR	B-N-1	R00003255			PT	19840208	PASS	YES			
		B13.10	R00003253			VT-3	19840208	FAIL	YES		ARC STRIKE	REMOVED
			R00003256			VT-3	19840208	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
N11-SE	SAFEEND -VES NOZ	B-F B5.10	R00004979	C00000742	WB-59	UT-45	19890922	PASS	YES		GEOMETRIC	NON-RELEVANT
N12-SE	SAFEEND -VES NOZ	B-F B5.10	R00004939			PT	19890817	PASS	YES			
			R00004939	C00000741	WB-59	UT-45	19890921	PASS	YES		GEOMETRIC	NON-RELEVANT
N13-SE	SAFEEND -VES NOZ	B-F B5.10	R00004959	C00000742	WB-59	UT-45	19890922	PASS	YES		GEOMETRIC	NON-RELEVANT
N14-SE	SAFEEND -VES NOZ	B-F B5.10	R00004918			PT	19890817	PASS	YES			
			R00005163			PT	19911218	PASS	YES			
			R00004918	C00000741	WB-59	UT-45	19890921	PASS	YES		GEOMETRIC	NON-RELEVANT
N15-SE	VES NOZ -SAFEEND	B-F B5.10	R00004962	C00000728	WB-59	UT-45	19890912	PASS	NO	ISI-04		
			R00004962	C00000729	WB-59	UT-45	19890905	PASS	NO	ISI-04		
N16-SE	VES NOZ -SAFEEND	B-F B5.10	R00004942			PT	19890818	PASS	YES			
			R00004942	C00000720	WB-59	UT-45	19890918	PASS	NO	ISI-04	GEOMETRIC	NON-RELEVANT
			R00004942	C00000721	WB-59	UT-45	19890830	PASS	NO	ISI-04	GEOMETRIC	NON-RELEVANT
N17-SE	VES NOZ -SAFEEND	B-F B5.10	R00004921			PT	19890818	PASS	YES			
			R00004921	C00000720	WB-59	UT-45	19890908	PASS	NO	ISI-04	GEOMETRIC	NON-RELEVANT
			R00004921	C00000721	WB-59	UT-45	19890830	PASS	NO	ISI-04		
N18-SE	VES NOZ -SAFEEND	B-F B5.10	R00004901	C00000728	WB-59	UT-45	19890918	PASS	NO	ISI-04		
			R00004901	C00000729	WB-59	UT-45	19890905	PASS	NO	ISI-04		
RVCSUPST	COR SUP	B-N-3 B13.30	R00003235			VT-3	19840123	FAIL	YES		ARC STRIKE	REMOVED
			R00003236			VT-3	19840127	PASS	YES			
			R00003257			VT-3	19840210	ENGR	YES		ARC STRIKE	ANAL OK ACCP

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
RVCSUPST	COR SUP	B-N-3	R00003258			VT-3	19830210	ENGR	YES		ARC STRIKE	ANAL OK ACCP
		B13.30	R00004737			VT-3	19850301	ENGR	YES		PHYSIC DMG	ANAL OK ACCP
											PHY DISPLMT	ANAL OK ACCP
											ARC STRIKE	ANAL OK ACCP

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RCF-B1-1	ELBOW	B-J	R00004918			PT	19890817	PASS	YES			
	-SAFEEND	B9.11	R00005163			PT	19911218	PASS	NO			
			R00004918	C00000741	WB-59	UT-45	19890921	PASS	NO		GEOMETRIC	NON-RELEVANT
RCF-B1-2	PUMP	B-J	R00004914			PT	19890918	PASS	YES			
	-PIPE	B9.11	R00004914	C00000725	WB-60	UT-45	19890906	PASS	YES	ISI-04		
			R00004914	C00000716	WB-60	UT-45	19890909	PASS	YES	ISI-04		
			R00004914	C00000717	WB-60	UT-45	19890821	PASS	YES	ISI-04		
RCF-B2-1	ELBOW	B-J	R00004939			PT	19890817	PASS	YES			
	-SAFEEND	B9.11	R00004939	C00000741	WB-59	UT-45	19890921	PASS	YES		GEOMETRIC	NON-RELEVANT
RCF-B2-2	PUMP	B-J	R00004935			PT	19890918	PASS	YES			
	-PIPE	B9.11	R00004935	C00000725	WB-60	UT-45	19890906	PASS	NO	ISI-04		
			R00004935	C00000716	WB-60	UT-45	19890913	PASS	NO	ISI-04		
			R00004935	C00000717	WB-60	UT-45	19890830	PASS	NO	ISI-04		
			R00004935	C00000718	WB-60	UT-45	19890913	PASS	NO	ISI-04		
			R00004935	C00000719	WB-60	UT-45	19890827	PASS	NO	ISI-04		
RCF-B3-1	ELBOW	B-J	R00004959			PT	19890918	PASS	YES			
	-SAFEEND	B9.11	R00004959	C00000742	WB-59	UT-45	19890922	PASS	YES		GEOMETRIC	NON-RELEVANT
RCF-B3-2	PUMP	B-J	R00004956			PT	19890914	PASS	YES			
	-PIPE	B9.11	R00004956	C00000725	WB-60	UT-45	19890906	PASS	NO	ISI-04		
			R00004956	C00000718	WB-60	UT-45	19890913	PASS	NO	ISI-04		
			R00004956	C00000719	WB-60	UT-45	19890827	PASS	NO	ISI-04		
RCF-B4-1	ELBOW	B-J	R00004979			PT	19890817	PASS	YES			
	-SAFEEND	B9.11	R00004979	C00000742	WB-59	UT-45	19890922	PASS	YES		GEOMETRIC	NON-RELEVANT
RCF-B4-2	PUMP	B-J	R00004975			PT	19890918	PASS	YES			
	-PIPE	B9.11										

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RCF-B4-2	PUMP	B-J	R00004975	C00000734	WB-60	UT-45	19890912	PASS	NO	ISI-04		
	-PIPE	B9.11	R00004975	C00000718	WB-60	UT-45	19890913	PASS	NO	ISI-04		
			R00004975	C00000719	WB-60	UT-45	19890827	PASS	NO	ISI-04		
RCF-D1-1	SAFEEND	B-J	R00004901			PT	19890818	PASS	YES			
	-PIPE	B9.11	R00004901	C00000729	WB-59	UT-45	19890905	PASS	NO			
			R00004901	C00000728	WB-59	UT-45	19890918	PASS	YES		GEOMETRIC	NON-RELEVANT
RCF-D1-2	RED ELB	B-J	R00004904	C00000727	WB-60	UT-45	19890908	PASS	NO	ISI-04		
	-SAFEEND	B9.11										
RCF-D2-1	SAFEEND	B-J	R00004921			PT	19890818	PASS	YES			
	-PIPE	B9.11	R00004921	C00000721	WB-59	UT-45	19890830	PASS	NO	ISI-04		
			R00004921	C00000720	WB-59	UT-45	19890908	PASS	NO	ISI-04	GEOMETRIC	NON-RELEVANT
RCF-D2-2	RED ELB	B-J	R00005643			PT	19930630	PASS	YES			
	-SAFEEND	B9.11	R00004925	C00000726	WB-60	UT-45	19890907	PASS	NO	ISI-04		
RCF-D4-1	SAFEEND	B-J	R00004942			PT	19890818	PASS	YES			
	-PIPE	B9.11	R00004942	C00000721	WB-59	UT-45	19890830	PASS	NO	ISI-04		
			R00004942	C00000720	WB-59	UT-45	19890918	PASS	NO	ISI-04	GEOMETRIC	NON-RELEVANT
RCF-D4-2	RED ELB	B-J	R00004945			PT	19890829	PASS	YES			
	-SAFEEND	B9.11	R00004946	C00000732	WB-60	UT-45	19890911	PASS	NO	ISI-04		
RCF-D5-1	SAFEEND	B-J	R00004962			PT	19890817	PASS	YES			
	-PIPE	B9.11	R00004962	C00000728	WB-59	UT-45	19890912	PASS	NO	ISI-04	GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00004962	C00000729	WB-59	UT-45	19890905	PASS	NO	ISI-04		
RCF-D5-2	RED ELB	B-J	R00004965			PT	19890822	PASS	YES			
	-SAFEEND	B9.11										

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RCF-D5-2	RED ELB -SAFEEND	B-J B9.11	R00004965	C00000727	WB-60	UT-45	19890908	PASS	NO	ISI-04		
RCF-F1-1	SAFEEND -ELBOW	B-J B9.11	R00004907			PT	19890823	PASS	YES			
			R00004906	C00000704	WB-60	UT-45	19890823	PASS	NO	ISI-04		
			R00004906	C00000714	WB-60	UT-45	19890817	PASS	NO	ISI-04		
			R00004906	C00000715	WB-60	UT-45L	19890821	PASS	NO	ISI-04		
RCF-F1-2	ELBOW -PIPE	B-J B9.11	R00004909			PT	19890822	PASS	YES			
			R00004909	C00000712	WB-60	UT-45	19890830	PASS	YES			
			R00004909	C00000714	WB-60	UT-45	19890817	PASS	YES			
			R00004909	C00000704	WB-60	UT-45	19890823	PASS	YES			
RCF-F1-3	ELBOW -PIPE	B-J B9.11	R00004910			PT	19890823	PASS	YES			
			R00004910	C00000725	WB-60	UT-45	19890906	PASS	YES			
			R00004910	C00000716	WB-60	UT-45	19890823	PASS	YES			
			R00004910	C00000717	WB-60	UT-45	19890830	PASS	YES			
RCF-F1-4	ELBOW -PUMP	B-J B9.11	R00004913			PT	19890913	PASS	YES			
			R00004913	C00000725	WB-60	UT-45	19890906	PASS	NO	ISI-04		
			R00004913	C00000716	WB-60	UT-45	19890831	PASS	NO	ISI-04		
RCF-F2-1	SAFEEND -ELBOW	B-J B9.11	R00004928	C00000702	WB-60	UT-45	19890816	PASS	NO	ISI-04		
			R00004928	C00000711	WB-60	UT-45	19890824	PASS	NO	ISI-04		
			R00004928	C00000710	WB-60	UT-45	19890809	PASS	NO	ISI-04		
RCF-F2-2	ELBOW -PIPE	B-J B9.11	R00004930			PT	19890829	PASS	YES			
			R00004930	C00000702	WB-60	UT-45	19890816	PASS	YES			
			R00004930	C00000711	WB-60	UT-45	19890830	PASS	YES			
			R00004930	C00000710	WB-60	UT-45	19890809	PASS	YES			
			R00004930	C00000712	WB-60	UT-45	19890830	PASS	YES			

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RCF-F2-3	ELBOW	B-J	R00004931			PT	19890818	PASS	YES			
	-PIPE	B9.11	R00004931	C00000702	WB-60	UT-45	19890816	PASS	YES			
			R00004931	C00000710	WB-60	UT-45	19890818	PASS	YES			
			R00004931	C00000711	WB-60	UT-45L	19890824	PASS	YES			
RCF-F2-4	ELBOW	B-J	R00004934			PT	19890913	PASS	YES			
	-PUMP	B9.11	R00004934	C00000702	WB-60	UT-45	19890816	PASS	NO	ISI-04		
			R00004934	C00000711	WB-60	UT-45	19890831	PASS	NO	ISI-04		
RCF-F3-1	SAFEEND	B-J	R00004947	C00000708	WB-60	UT-45	19890809	PASS	NO	ISI-04		
	-ELBOW	B9.11	R00004947	C00000709	WB-60	UT-45	19890803	PASS	NO	ISI-04		
RCF-F3-2	ELBOW	B-J	R00004950			PT	19890821	PASS	YES			
	-PIPE	B9.11	R00004950	C00000701	WB-60	UT-45	19890818	PASS	YES			
			R00004950	C00000706	WB-60	UT-45	19890730	PASS	YES			
			R00004950	C00000700	WB-60	UT-45	19890804	PASS	YES			
			R00004950	C00000744	WB-60	UT-45	19890928	PASS	YES			
RCF-F3-3	ELBOW	B-J	R00004953			PT	19890821	PASS	YES			
	-PIPE	B9.11	R00004953	C00000700	WB-60	UT-45	19890804	PASS	YES			
			R00004953	C00000705	WB-60	UT-45	19890818	PASS	YES			
			R00004953	C00000703	WB-60	UT-45	19890815	PASS	YES			
			R00004953	C00000708	WB-60	UT-45	19890809	PASS	YES			
RCF-F3-4	ELBOW	B-J	R00004955			PT	19890821	PASS	YES			
	-PUMP	B9.11	R00004955	C00000710	WB-60	UT-45	19890806	PASS	YES			
			R00004955	C00000711	WB-60	UT-45	19890911	PASS	YES			
			R00004953	C00000703	WB-60	UT-45	19890815	PASS	YES			
			R00004953	C00000708	WB-60	UT-45	19890809	PASS	YES			
RCF-F4-1	SAFEEND	B-J	R00004968	C00000717	WB-60	UT-45	19890830	PASS	NO	ISI-04		
	-ELBOW	B9.11										

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RCF-F4-1	SAFEEND -ELBOW	B-J B9.11	R00004968	C00000716	WB-60	UT-45L	19890831	PASS	NO	ISI-04		
RCF-F4-2	ELBOW -PIPE	B-J B9.11	R00004970			PT	19890821	PASS	YES			
			R00004970	C00000716	WB-60	UT-45	19890824	PASS	NO	ISI-04		
			R00004970	C00000717	WB-60	UT-45	19890830	PASS	NO	ISI-04		
RCF-F4-3	ELBOW -PIPE	B-J B9.11	R00004971			PT	19890921	PASS	YES			
			R00004971	C00000725	WB-60	UT-45	19890906	PASS	YES			
			R00004971	C00000716	WB-60	UT-45	19890909	PASS	YES			
			R00004971	C00000717	WB-60	UT-45	19890830	PASS	YES			
RCF-F4-4	ELBOW -PUMP	B-J B9.11	R00004974			PT	19890914	PASS	YES			
			R00004974	C00000725	WB-60	UT-45	19890906	PASS	NO	ISI-04		
			R00004974	C00000716	WB-60	UT-45	19890913	PASS	NO	ISI-04		
RCF-H3-3	BR CONN -PIPE	B-J B9.11	R00009827			PT	19930119	PASS	YES			
			R00009828	C00001130	WB-10	UT-45	19930120	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00009828	C00001131	WB-10	UT-45L	19930120	PASS	YES		GEOMETRIC	NON-RELEVANT
RCF-H3-4	ELBOW -ELBOW	B-J B9.11	R00009829			PT	19930401	PASS	YES			
			R00009830	C00001225	WB-10	UT-45	19930428	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RCF-H3-5	ELBOW -SAFEEND	B-J B9.11	R00009831			PT	19930127	PASS	YES			

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RCF-H3-5	ELBOW -SAFEEND	B-J B9.11	R00009832	C00001141	WB-10	UT-45	19930201	PASS	YES		LAMINAR	ANALYZED, OK
											LAMINAR	ANALYZED, OK
											GEOMETRIC	NON-RELEVANT
											LAMINAR	ANALYZED, OK
											LAMINAR	ANALYZED, OK
											GEOMETRIC	NON-RELEVANT
			R00009832	C00001142	WB-10	UT-60L	19930201	PASS	YES		LAMINAR	ANALYZED, OK
RCS-P-1	PIPE -BR CONN	B-J B9.31	R00004923	C00000738	WB-59	UT-45	19890922	PASS	NO	ISI-04		
RCS-P-2	PIPE	B-J	R00009833			PT	19930119	PASS	YES			
	-ELBOW	B9.11	R00009834	C00001130	WB-10	UT-45	19930120	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RCS-P-3	ELBOW	B-J	R00009835			PT	19930119	PASS	YES			
	-ELBOW	B9.11	R00009836	C00001130	WB-10	UT-45	19930120	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RCS-1-1	PIPE	B-J	R00004903			PT	19890829	PASS	YES			
	-RED ELB	B9.11	R00004903	C00000735	WB-59	UT-45	19890914	PASS	YES			
			R00004903	C00000728	WB-59	UT-45	19890908	PASS	YES			
			R00004903	C00000729	WB-59	UT-45	19890905	PASS	YES			
			R00004903	C00000736	WB-59	UT-45	19890915	PASS	YES			
RCS-1-2	PIPE	B-J	R00004908			PT	19890823	PASS	YES			
	-ELBOW	B9.11	R00004908	C00000704	WB-60	UT-45	19890822	PASS	YES			
			R00004908	C00000713	WB-60	UT-45	19890813	PASS	YES			
			R00004908	C00000714	WB-60	UT-45	19890817	PASS	YES			
RCS-1-3	PIPE -ELBOW	B-J B9.11	R00004912			PT	19890822	PASS	YES			

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RCS-1-3	PIPE	B-J	R00004912	C00000725	WB-60	UT-45	19890906	PASS	YES			
	-ELBOW	B9.11	R00004912	C00000704	WB-60	UT-45	19890913	PASS	YES			
			R00004912	C00000714	WB-60	UT-45	19890817	PASS	YES			
RCS-1-4	PIPE	B-J	R00004917	C00000728	WB-59	UT-45	19890911	PASS	YES			
	-ELBOW	B9.11	R00004917	C00000729	WB-59	UT-45	19890905	PASS	YES			
RCS-1-5	PIPE	B-J	R00004983	C00000737	WB-59	UT-45	19890921	PASS	YES			
	-BR CONN	B9.31										
RCS-1-6	BR CONN	B-J	R00005634			PT	19930629	PASS	YES			
	-PIPE	B9.31	R00004902	C00000737	WB-59	UT-45	19890921	PASS	NO	ISI-04		
RCS-2-1	PIPE	B-J	R00004924			PT	19890828	PASS	YES			
	-RED ELB	B9.11	R00005642			PT	19930629	PASS	YES			
			R00004924	C00000720	WB-59	UT-45	19890905	PASS	YES			
			R00004924	C00000721	WB-59	UT-45	19890830	PASS	YES			
RCS-2-2	PIPE	B-J	R00004929			PT	19890829	PASS	YES			
	-ELBOW	B9.11	R00004929	C00000722	ISI127	UT-0	19890901	PASS	YES			
			R00004929	C00000724	WB-59	UT-45	19890905	PASS	YES			
			R00004929	C00000710	WB-60	UT-45	19890809	PASS	YES			
			R00004929	C00000702	WB-60	UT-45	19890816	PASS	YES			
			R00004929	C00000711	WB-60	UT-45	19890831	PASS	YES			
			R00004929	C00000720	WB-59	UT-45	19890905	PASS	YES			
			R00004929	C00000723	ISI127	UT-70	19890901	PASS	YES			
RCS-2-3	PIPE	B-J	R00004933			PT	19890918	FAIL	YES		SURF, LINEAR IND. RMVD.	
	-ELBOW	B9.11	W89-4284			PT	19891107	PASS	YES			
			R00004933	C00000702	WB-60	UT-45	19890816	PASS	YES			
			R00004933	C00000710	WB-60	UT-45	19890831	PASS	YES			

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RCS-2-3	PIPE	B-J	R00004929	C00000711	WB-60	UT-45	19890831	PASS	YES			
	-ELBOW	B9.11										
RCS-2-4	PIPE	B-J	R00005639			PT	19930630	PASS	YES			
	-ELBOW	B9.11	R00004938	C00000720	WB-59	UT-45	19890906	PASS	YES			
			R00004938	C00000721	WB-59	UT-45	19890830	PASS	YES			
RCS-2-5	PIPE	B-J	R00004937	C00000737	WB-59	UT-45	19890921	PASS	YES			
	-BR CONN	B9.31										
RCS-2-6	PIPE	B-J	R00005646			PT	19930629	PASS	YES			
	-BR CONN	B9.31	R00004922	C00000738	WB-59	UT-45	19890922	PASS	NO	ISI-04		
RCS-3-1	PIPE	B-J	R00004944			PT	19890828	PASS	YES			
	-RED ELB	B9.11	R00004944	C00000733	WB-59	UT-45	19890912	PASS	YES			
			R00004944	C00000720	WB-59	UT-45	19890913	PASS	YES			
			R00004944	C00000721	WB-59	UT-45	19890830	PASS	YES			
			R00004944	C00000728	WB-59	UT-45	19890911	PASS	YES			
			R00004944	C00000729	WB-59	UT-45	19890905	PASS	YES			
RCS-3-2	PIPE	B-J	R00004949			PT	19890821	PASS	YES			
	-ELBOW	B9.11	R00004949	C00000701	WB-60	UT-45	19890818	PASS	YES			
			R00004949	C00000700	WB-60	UT-45	19890804	PASS	YES			
			R00004949	C00000706	WB-60	UT-45	19890730	PASS	YES			
RCS-3-3	PIPE	B-J	R00004954			PT	19890818	PASS	YES			
	-ELBOW	B9.11	R00004954	C00000703	WB-60	UT-45	19890815	PASS	YES			
			R00004954	C00000707	WB-60	UT-45	19890822	PASS	YES			
			R00004954	C00000709	WB-60	UT-45	19890803	PASS	YES			
			R00004954	C00000710	WB-60	UT-45	19890809	PASS	YES			
RCS-3-4	PIPE	B-J	R00004958	C00000728	WB-59	UT-45	19890911	PASS	YES			
	-ELBOW	B9.11										

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RCS-3-4	PIPE -ELBOW	B-J B9.11	R00004958	C00000729	WB-59	UT-45	19890905	PASS	YES			
RCS-3-5	PIPE -BR CONN	B-J B9.31	R00004957	C00000738	WB-59	UT-45	19890922	PASS	YES			
RCS-3-6	PIPE -BR CONN	B-J B9.31	R00004943	C00000738	WB-59	UT-45	19890922	PASS	NO	ISI-04		
RCS-4-1	PIPE -RED ELB	B-J B9.11	R00004964			PT	19890828	PASS	YES			
			R00004964	C00000728	WB-59	UT-45	19890913	PASS	YES			
			R00004964	C00000729	WB-59	UT-45	19890905	PASS	YES			
			R00004964	C00000731	WB-59	UT-45	19890911	PASS	YES			
RCS-4-2	PIPE -ELBOW	B-J B9.11	R00004969			PT	19890821	PASS	YES			
			R00004969	C00000716	WB-60	UT-45	19890911	PASS	YES			
			R00004969	C00000717	WB-60	UT-45	19890830	PASS	YES			
RCS-4-3	PIPE -ELBOW	B-J B9.11	R00004973			PT	19890821	PASS	YES			
			R00004973	C00000734	WB-60	UT-45	19890912	PASS	YES			
			R00004973	C00000716	WB-60	UT-45	19890913	PASS	YES			
			R00004973	C00000717	WB-60	UT-45	19890830	PASS	YES			
RCS-4-4	PIPE -ELBOW	B-J B9.11	R00004978	C00000733	WB-59	UT-45	19890921	PASS	YES			
			R00004978	C00000728	WB-59	UT-45	19890913	PASS	YES			
			R00004978	C00000729	WB-59	UT-45	19890905	PASS	YES			
RCS-4-5	PIPE -BR CONN	B-J B9.31	R00009930			PT	19930223	PASS	YES			
			R00004977	C00000737	WB-59	UT-45	19890921	PASS	YES			
RCS-4-6	PIPE -BR CONN	B-J B9.31	R00004963	C00000737	WB-59	UT-45	19890921	PASS	NO	ISI-04		

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RCF-007-3	PIPE -BR CONN	B-J B9.40	R00005043			PT	19900111	PASS	YES			
RCF-007-4	PIPE -BR CONN	B-J B9.40	R00005015			PT	19900111	PASS	YES			

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1-68-001	VSPRING	B-K-2	R00005918			VT-3	19940113	PASS	YES			
		B11.10	R00006416			VT-4	19941017	PASS	YES			
1-68-005	VSPRING	B-K-2	R00005596			VT-3	19930616	PASS	YES			
		B11.10	R00006596			VT-4	19950711	PASS	YES			

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RCL-CLR-1	RIG HGR	B-K-2 B11.10	R00006579			VT-3	19950510	PASS	YES			
RCL-CLR-2	RIG HGR	B-K-2 B11.10	R00006576			VT-3	19950509	PASS	YES			
RCL-CLR-3	RIG HGR	B-K-2 B11.10	R00006577			VT-3	19950512	PASS	YES			
RCL-CLR-4	RIG HGR	B-K-2 B11.10	R00006578			VT-3	19950510	PASS	YES			

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RCF-D1-2-SE	SAFEEND	B-F	R00005637			PT	19930630	PASS	YES			
	-VES NOZ	B5.30	R00004905	C00000727	WB-60	UT-45	19890908	PASS	NO	ISI-04		
RCF-D2-2-SE	SAFEEND	B-F	R00004926	C00000726	WB-60	UT-45	19890907	PASS	NO	ISI-04		
	-VES NOZ	B5.30										
RCF-D4-2-SE	SAFEEND	B-F	R00005636			PT	19930629	PASS	YES			
	-VES NOZ	B5.30	R00004946	C00000732	WB-60	UT-45	19890911	PASS	NO	ISI-04		
RCF-D5-2-SE	SAFEEND	B-F	R00005635			PT	19930701	PASS	YES			
	-VES NOZ	B5.30	R00004966	C00000727	WB-60	UT-45	19890908	PASS	NO	ISI-04		
RCF-F1-1-SE	VES NOZ	B-F	R00004906	C00000714	WB-60	UT-45	19890823	PASS	NO	ISI-04		
	-SAFEEND	B5.30										
RCF-F2-1-SE	VES NOZ	B-F	R00004927	C00000702	WB-60	UT-45	19890816	PASS	NO	ISI-04		
	-SAFEEND	B5.30	R00004928	C00000711	WB-60	UT-45	19890824	PASS	NO	ISI-04		
RCF-F3-1-SE	VES NOZ	B-F	R00004947	C00000708	WB-60	UT-45	19890809	PASS	NO	ISI-04		
	-SAFEEND	B5.30										
RCF-F4-1-SE	VES NOZ	B-F	R00004968	C00000717	WB-60	UT-45	19890830	PASS	NO	ISI-04		
	-SAFEEND	B5.30										

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SIF-D077-01	TEE -PIPE	C-F C5.11	R00008416			PT	19920909	PASS	YES			
SIF-D077-02A	ELBOW -PIPE	C-F C5.11	R00008417			PT	19920909	PASS	YES			
SIF-D077-02B	ELBOW -PIPE	C-F C5.11	R00008418			PT	19920909	PASS	YES			
SIF-D077-04	TEE -VALVE	C-F C5.11	R00008419			PT	19920909	PASS	YES			
SIF-D077-08	PIPE -ELBOW	C-F C5.11	R00008420			PT	19920909	PASS	YES			
SIF-D077-09	PIPE -ELBOW	C-F C5.11	R00008421			PT	19921020	PASS	YES			
SIF-D077-11	PIPE -VALVE	C-F C5.11	R00008422			PT	19921020	PASS	YES			
SIF-D079-05	VALVE -RED ELB	C-F C5.11	R00008423			PT	19921228	PASS	YES			
SIF-D079-05-LS	RELSEAM	C-F C5.12	R00008438			PT	19930104	PASS	YES			
SIF-D079-06	REDUCER -VALVE	C-F C5.11	R00008424			PT	19921026	PASS	YES			
SIF-D079-06A	PIPE -REDUCER	C-F C5.11	R00008425			PT	19930114	PASS	YES			

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SIF-D079-06A-LS	REDSEAM	C-F C5.12	R00008439			PT	19930301	PASS	YES			
SIF-D079-06B	PIPE -ELBOW	C-F C5.11	R00008426			PT	19920916	PASS	YES			
SIF-D079-06B-LS-1	ELBSEAM	C-F C5.12	R00008440			PT	19920925	PASS	YES			
SIF-D079-06B-LS-2	ELBSEAM	C-F C5.12	R00008441			PT	19920925	PASS	YES			
SIF-D079-07	VALVE -REDUCER	C-F C5.11	R00008427			PT	19921026	PASS	YES			
SIF-D079-07-LS	REDSEAM	C-F C5.12	R00008442			PT	19930301	PASS	YES			
SIF-D079-08A	REDUCER -TEE	C-F C5.11	R00008428			PT	19920916	PASS	YES			
SIS-005	PIPE -TEE	C-F C5.11	R00008429			PT	19920909	PASS	YES			
SIS-006	TEE -PIPE	C-F C5.11	R00008430			PT	19920909	PASS	YES			
SIS-008	PIPE -ELBOW	C-F C5.11	R00008431			PT	19920909	PASS	YES			
SIS-010	ELBOW -PIPE	C-F C5.11	R00008432			PT	19921020	PASS	YES			

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SIS-135	RED ELB -PIPE	C-F C5.11	R00008433			PT	19920916	PASS	YES			
SIS-136	ELBOW -PIPE	C-F C5.11	R00008434			PT	19921022	PASS	YES			

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SIF-D080-01	TEE -ELBOW	C-F C5.11	R00008444			PT	19921015	PASS	YES			
SIF-D080-02	PIPE -ELBOW	C-F C5.11	R00008445			PT	19920909	PASS	YES			
SIF-D080-02K	PIPE -FLG	C-F C5.11	R00008446			PT	19920909	PASS	YES			
SIF-D080-04	PIPE -ELBOW	C-F C5.11	R00008447			PT	19920929	PASS	YES			
SIF-D080-05	PIPE -ELBOW	C-F C5.11	R00008448			PT	19920929	PASS	YES			
SIF-D080-07	VALVE	C-F	R00008462			PT	19920929	PASS	YES			
	-PIPE	C5.21	R00008463	C00000861	BF-02	UT-45	19921006	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00008463	C00000862	BF-02	UT-60	19921006	PASS	YES		GEOMETRIC	NON-RELEVANT
SIF-D080-08B	PIPE	C-F	R00008464			PT	19930119	PASS	YES			
	-ELBOW	C5.21	R00008465	C00001029	WB-02	UT-45	19930120	PASS	YES		GEOMETRIC	NON-RELEVANT
SIS-013	ELBOW -PIPE	C-F C5.11	R00008449			PT	19921015	PASS	YES			
SIS-015	ELBOW -PIPE	C-F C5.11	R00008450			PT	19921019	PASS	YES			

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SIS-019	PIPE -ELBOW	C-F C5.11	R00008451			PT	19921019	PASS	YES			
SIS-020	ELBOW -PIPE	C-F C5.11	R00008452			PT	19921019	PASS	YES			
SIS-022	ELBOW -PIPE	C-F C5.11	R00008453			PT	19921019	PASS	YES			
SIS-023	PIPE -ELBOW	C-F C5.11	R00008454			PT	19921019	PASS	YES			
SIS-025	ELBOW -PIPE	C-F C5.11	R00008455			PT	19920929	PASS	YES			
SIS-027	RED TEE -PIPE	C-F C5.11	R00008456			PT	19920929	PASS	YES			
SIS-029	ELBOW	C-F	R00008466			PT	19920929	PASS	YES			
	-PIPE	C5.21	R00008467	C00000876	WB-02	UT-45	19921006	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIS-031	ELBOW	C-F	R00008468			PT	19920929	PASS	YES			
	-PIPE	C5.21	R00008469	C00000876	WB-02	UT-45	19921006	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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SIF-D081-01	TEE -PIPE	C-F C5.11	R00008470			PT	19921229	PASS	YES			
SIF-D081-03	ELBOW -PIPE	C-F C5.11	R00008471			PT	19921020	PASS	YES			
SIF-D081-04	ELBOW -PIPE	C-F C5.11	R00008472			PT	19920909	PASS	YES			
SIF-D081-04B	FLG -PIPE	C-F C5.11	R00008473			PT	19921015	PASS	YES			
SIF-D081-06	ELBOW -PIPE	C-F C5.11	R00008474			PT	19921117	PASS	YES			
SIF-D081-08	PIPE -VALVE	C-F C5.21	R00008487			PT	19920923	PASS	YES			
			R00008488	C00000864	WB-02	UT-45	19920928	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00008488	C00000865	WB-02	UT-45L	19921006	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIF-D081-10B	PIPE -ELBOW	C-F C5.21	R00008493			PT	19920923	PASS	YES			
			R00008494	C00001240	WB-02	UT-45	19930426	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00008494	C00001241	WB-02	UT-60L	19930426	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIF-D081-10C	PIPE -ELBOW	C-F C5.21	R00008495			PT	19920923	PASS	YES			
			R00005385			PT	19930413	PASS	YES			
			R00008496	C00000863	WB-02	UT-45	19920928	PASS	YES		MODE CONVERS	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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SIS-032	PIPE -ELBOW	C-F C5.11	R00008475			PT	19921019	PASS	YES			
SIS-036	PIPE -ELBOW	C-F C5.11	R00008476			PT	19920909	PASS	YES			
SIS-039	ELBOW -PIPE	C-F C5.11	R00008477			PT	19921117	PASS	YES			
SIS-040	PIPE -ELBOW	C-F C5.11	R00008478			PT	19920923	PASS	YES			
SIS-041	ELBOW -ELBOW	C-F C5.11	R00008479			PT	19920923	PASS	YES			
SIS-042	PIPE -RED TEE	C-F C5.11	R00008480			PT	19920114	PASS	YES			
SIS-045	ELBOW -PIPE	C-F C5.21	R00008489			PT	19930119	PASS	YES			
			R00008490	C00001026	WB-09	UT-45	19930120	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIS-047	ELBOW -PIPE	C-F C5.21	R00008491			PT	19930119	PASS	YES			
			R00008492	C00001029	WB-02	UT-45	19930120	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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SIF-B-T029-35	PIPE -PIPE	B-J B9.40	R00005843			PT	19931203	PASS	YES			
SIF-D086-03	VALVE -PIPE	B-J B9.21	R00008497			PT	19921104	PASS	YES			
SIF-D086-03C	PIPE -PIPE	B-J B9.21	R00008498			PT	19921117	PASS	YES			
SIF-D086-03D	PIPE -PIPE	B-J B9.21	R00008499			PT	19930107	PASS	YES			
SIF-D086-04	ELBOW -PIPE	B-J B9.21	R00008500			PT	19921103	PASS	YES			
			R00005706			PT	19930420	PASS	YES			
SIF-D086-04A	PIPE -ELBOW	B-J B9.21	R00008501			PT	19921103	PASS	YES			
SIF-D086-04B	BR CONN	B-J B9.32	R00005831			PT	19931203	PASS	YES			
SIF-D086-04C	CAP	B-J B9.40	R00005832			PT	19931203	PASS	YES			
SIF-D086-05	ELBOW -PIPE	B-J B9.21	R00005006			PT	19900222	PASS	YES			
SIF-D086-05A	PIPE -PIPE	B-J B9.21	R00005085			PT	19900222	PASS	YES			
SIF-D086-06	PIPE -ANCHOR	B-J B9.21	R00008502			PT	19920924	PASS	YES			

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SIF-D086-06	PIPE -ANCHOR	B-J B9.21	R00005707			PT	19930420	PASS	YES			
SIF-D086-06A	PIPE -PIPE	B-J B9.21	R00008503			PT	19920924	PASS	YES			
SIF-D086-07	PIPE -ELBOW	B-J B9.21	R00008504			PT	19920925	PASS	YES			
SIF-D086-07A	PIPE -PIPE	B-J B9.21	R00008505			PT	19920925	PASS	YES			
SIF-D086-08	ELBOW -PIPE	B-J B9.21	R00008506			PT	19920928	PASS	YES			
SIF-D086-09	PIPE -PIPE	B-J B9.21	R00008507			PT	19921104	PASS	YES			
SIF-D086-10	ELBOW -PIPE	B-J B9.21	R00008508			PT	19921102	PASS	YES			
SIF-D086-11	REDUCER -PIPE	B-J B9.21	R00008509			PT	19921103	PASS	YES			
SIF-D086-11A	PIPE -PIPE	B-J B9.21	R00008510			PT	19920924	PASS	YES			
SIF-D086-12	PIPE -PIPE	B-J B9.21	R00008511			PT	19920924	PASS	YES			
SIF-D086-13	ANCHOR -PIPE	B-J B9.21	R00008512			PT	19920924	PASS	YES			

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SIS-050	PIPE -ELBOW	B-J B9.21	R00008513			PT	19921102	PASS	YES			
SIS-052	PIPE -REDUCER	B-J B9.21	R00008514			PT	19921103	PASS	YES			
SIS-053	PIPE -ELBOW	B-J B9.21	R00008515			PT	19920924	PASS	YES			
SIS-054	ELBOW -PIPE	B-J B9.21	R00008516			PT	19920924	PASS	YES			
SIS-055	PIPE -ELBOW	B-J B9.21	R00008517			PT	19921102	PASS	YES			
SIS-056	ELBOW -PIPE	B-J B9.21	R00008518			PT	19920925	PASS	YES			
SIS-056A	PIPE -PIPE	B-J B9.21	R00008519			PT	19920924	PASS	YES			
SIS-057	PIPE -ELBOW	B-J B9.21	R00008520			PT	19920924	PASS	YES			
SIS-058	ELBOW -PIPE	B-J B9.21	R00008521			PT	19920924	PASS	YES			
SIS-059	PIPE -ELBOW	B-J B9.21	R00008522			PT	19920928	PASS	YES			
SIS-060	PIPE -ELBOW	B-J B9.21	R00008523			PT	19921104	PASS	YES			

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SIS-061	ELBOW -PIPE	B-J B9.21	R00008524			PT	19920928	PASS	YES			
SIS-062	PIPE -RED TEE	B-J B9.21	R00008525			PT	19920928	PASS	YES			
SIS-063	RED TEE -REDUCER	B-J B9.21	R00008526			PT	19920928	PASS	YES			
SIW-11	BR CONN -WELDOLT	B-J B9.32	R00008935			PT	19921104	PASS	YES			

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SIF-D087-02	ELBOW	C-F	R00008527			PT	19921117	PASS	YES			
	-PIPE	C5.21	R00008528	C00000897	WB-02	UT-45	19921119	PASS	YES		GEOMETRIC	NON-RELEVANT
SIF-D087-14	PIPE	C-F	R00008529			PT	19921130	PASS	YES			
	-RED TEE	C5.21	R00008530	C00000937	WB-02	UT-45	19921207	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00008530	C00000938	WB-02	UT-60L	19921207	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIF-D087-15	ELBOW	C-F	R00008531			PT	19920922	PASS	YES			
	-VALVE	C5.21	R00005709			PT	19930420	PASS	YES			
			R00008532	C00000893	WB-01	UT-45	19920928	PASS	YES			
			R00008532	C00000894	WB-01	UT-60L	19920928	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIF-D087-22	ELBOW	C-F	R00008533			PT	19920922	PASS	YES			
	-PIPE	C5.21	R00008534	C00000874	WB-02	UT-45	19921001	PASS	YES		GEOMETRIC	NON-RELEVANT
SIS-067	ELBOW	C-F	R00008535			PT	19920922	PASS	YES			
	-PIPE	C5.21	R00008536	C00000875	WB-02	UT-45	19921005	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIS-068	RED TEE	C-F	R00008537			PT	19921130	PASS	YES			
	-PIPE	C5.21	R00008538	C00000898	WB-01	UT-45	19921221	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00008538	C00000899	WB-01	UT-45L	19921221	PASS	YES			
SIS-069	PIPE	C-F	R00008539			PT	19930122	PASS	YES			
	-ELBOW	C5.21										

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SIS-069	PIPE	C-F	R00008540	C00001179	WB-01	UT-45	19930122	PASS	YES		GEOMETRIC	NON-RELEVANT
	-ELBOW	C5.21									GEOMETRIC	NON-RELEVANT
SIS-070	ELBOW	C-F	R00008541			PT	19920922	PASS	YES			
	-PIPE	C5.21	R00005708			PT	19930420	PASS	YES			
			R00008542	C00000893	WB-01	UT-45	19920928	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIS-073	ELBOW	C-F	R00008543			PT	19930111	PASS	YES			
	-PIPE	C5.21	R00008544	C00001020	WB-01	UT-45	19930114	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIS-074	PIPE	C-F	R00008545			PT	19920928	PASS	YES			
	-ELBOW	C5.21	R00008546	C00000900	WB-01	UT-45	19921029	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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SIF-D088-03	PIPE	C-F	R00009848			PT	19930119	PASS	YES			
	-RED TEE	C5.21	R00009880	C00001027	WB-02	UT-45	19930121	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009880	C00001028	WB-02	UT-45L	19930121	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIF-D088-04	REDUCER	C-F	R00008547			PT	19920922	PASS	YES			
	-PIPE	C5.21	R00008548	C00000824	WB-01	UT-45	19920929	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00008548	C00000825	WB-01	UT-60	19920929	PASS	YES			
			R00008548	C00000826	WB-01	UT-60R	19920930	PASS	YES		GEOMETRIC	NON-RELEVANT
											INCLUSION	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIF-D088-05	PIPE	C-F	R00008549			PT	19921104	PASS	YES			
	-ELBOW	C5.21	R00008550	C00000939	WB-01	UT-45	19921111	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIF-D088-05A	ELBOW	C-F	R00009494			PT	19921104	PASS	YES			
	-PIPE	C5.21	R00009495	C00000939	WB-01	UT-45	19921111	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIF-D088-06	ELBOW	C-F	R00009496			PT	19921104	PASS	YES			
	-PIPE	C5.21	R00009497	C00000939	WB-01	UT-45	19921111	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIF-D088-09	ELBOW	C-F	R00009500			PT	19920922	PASS	YES			
	-PIPE	C5.21										

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SIF-D088-09	ELBOW -PIPE	C-F C5.21	R00009501	C00000895	WB-01	UT-45	19920930	PASS	YES		GEOMETRIC	NON-RELEVANT
SIF-D088-10	PIPE -VALVE	C-F C5.21	R00009502			PT	19921105	PASS	YES			
			R00009503	C00000910	WB-01	UT-45	19920925	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009503	C00000912	WB-01	UT-60L	19920925	PASS	YES		GEOMETRIC	NON-RELEVANT
SIF-D088-11A	PIPE -ELBOW	C-F C5.21	R00009504			PT	19921105	PASS	YES			
			R00009505	C00000975	WB-01	UT-45	19921109	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00009505	C00001011	WB-01	UT-45	19930119	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009505	C00000970	WB-01	UT-45L	19930119	PASS	YES		GEOMETRIC	NON-RELEVANT
SIS-076	PIPE -ELBOW	C-F C5.21	R00009508			PT	19921109	PASS	YES			
			R00009509	C00000941	WB-02	UT-45	19921111	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIS-077	PIPE -ELBOW	C-F C5.21	R00009510			PT	19920922	PASS	YES			
			R00009511	C00000896	WB-02	UT-45	19921005	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIS-078	PIPE -ELBOW	C-F C5.21	R00009512			PT	19921214	PASS	YES			
			R00009513	C00000942	WB-02	UT-45	19921222	PASS	YES		GEOMETRIC	NON-RELEVANT
											MODE CONVERS	NON-RELEVANT
SIS-081	RED TEE -REDUCER	C-F C5.21	R00009514			PT	19921105	PASS	YES			
			R00009515	C00000941	WB-02	UT-45	19921111	PASS	YES			
			R00009515	C00000943	WB-02	UT-60L	19921112	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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SIS-082	PIPE	C-F	R00009516			PT	19921104	PASS	YES			
	-ELBOW	C5.21	R00009517	C00000939	WB-01	UT-45	19921111	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIS-084	PIPE	C-F	R00008483			PT	19930112	PASS	YES			
	-ELBOW	C5.21	R00008987	C00001023	WB-01	UT-45	19930114	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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SIF-D089-03	VALVE	B-J	R00009518			PT	19920908	PASS	YES			
	-ELBOW	B9.11	R00009519			RT	19921228	PASS	YES			
SIF-D089-03A	ELBOW	B-J	R00009520			PT	19920908	PASS	YES			
	-PIPE	B9.11	R00009521	C00000920	WB-33	UT-45	19920922	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											MODE CONVERS	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIF-D089-04	ELBOW	B-J	R00005005			PT	19900108	PASS	YES			
	-PIPE	B9.11	R00009826	C00000995	WB-33	UT-45	19930105	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIF-D089-05	PIPE	B-J	R00005453			PT	19930416	PASS	YES			
	-VALVE	B9.11	R00008552			PT	19920903	PASS	YES			
			R00008553	C00000812	WB-33	UT-45	19920915	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00008553	C00000813	WB-33	UT-60R	19920915	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIF-D089-06	VALVE	B-J	R00008017			PT	19920903	PASS	YES	ISI-04		
	-RED TEE	B9.11	R00005454			PT	19930416	PASS	YES			
			R00009870			RT	19930104	PASS	YES			
SIF-D089-07	VALVE	B-J	R00008556			PT	19920827	PASS	YES			
	-ELBOW	B9.11	R00008557	C00000910	WB-01	UT-45	19920925	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00008557	C00000913	WB-01	UT-60L	19920925	PASS	YES		GEOMETRIC	NON-RELEVANT

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SIF-D089-07A	ELBOW	B-J	R00008558			PT	19921119	PASS	YES			
	-PIPE	B9.11	R00008559	C00000949	WB-01	UT-45	19921203	PASS	YES			
			R00008559	C00000950	WB-01	UT-55	19921203	PASS	YES		GEOMETRIC	NON-RELEVANT
SIF-D089-08	ELBOW	B-J	R00008560			PT	19921119	PASS	YES			
	-PIPE	B9.11	R00008561	C00000951	WB-01	UT-45	19921221	PASS	YES			
SIF-D089-08A	PIPE	B-J	R00008562			PT	19921119	PASS	YES			
	-PIPE	B9.11	R00008563	C00000949	WB-01	UT-45	19921203	PASS	YES		MODE CONVERS	NON-RELEVANT
			R00008563	C00000950	WB-01	UT-55	19921203	PASS	YES		GEOMETRIC	NON-RELEVANT
SIF-D089-09	PIPE	B-J	R00008564			PT	19920930	PASS	YES			
	-RED TEE	B9.11	R00005457			PT	19930416	PASS	YES			
			R00008565	C00000969	WB-01	UT-45	19921029	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00008565	C00000970	WB-01	UT-45L	19930119	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIF-D089-10	PIPE	B-J	R00008566			PT	19930114	PASS	YES			
	-VALVE	B9.11	R00008567	C00001031	WB-33	UT-45	19930121	PASS	YES			
			R00008567	C00001032	WB-33	UT-45L	19930121	PASS	YES		GEOMETRIC	NON-RELEVANT
SIF-D089-11	VALVE	B-J	R00008568			PT	19920930	PASS	YES			
	-ELBOW	B9.11	R00008569	C00000921	WB-33	UT-45	19921008	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00008569	C00000922	WB-33	UT-45L	19921008	PASS	YES		GEOMETRIC	NON-RELEVANT
SIF-D089-12	ELBOW	B-J	R00008570			PT	19920930	PASS	YES			
	-WELDOLT	B9.11	R00008571	C00000923	WB-33	UT-45	19921014	PASS	YES			
			R00008571	C00000924	WB-33	UT-60L	19921014	PASS	YES			
SIS-087	RED TEE	B-J	R00008572			PT	19920903	PASS	YES			
	-PIPE	B9.11										

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SIS-087	RED TEE	B-J	R00008573	C00000814	WB-33	UT-45	19920914	PASS	YES		GEOMETRIC	NON-RELEVANT
	-PIPE	B9.11									GEOMETRIC	NON-RELEVANT
											MODE CONVERS	NON-RELEVANT
			R00008573	C00000813	WB-33	UT-60R	19920915	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIS-088	PIPE	B-J	R00008574			PT	19920908	PASS	YES			
	-ELBOW	B9.11	R00008575	C00000916	WB-33	UT-45	19920923	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIS-089	ELBOW	B-J	R00008576			PT	19920930	PASS	YES			
	-PIPE	B9.11	R00008577	C00000917	WB-33	UT-45	19920909	PASS	YES		MODE CONVERS	NON-RELEVANT
											MODE CONVERS	NON-RELEVANT
SIS-089A	PIPE	B-J	R00008578			PT	19920903	PASS	YES			
	-ELBOW	B9.11	R00008579	C00000917	WB-33	UT-45	19920909	PASS	YES		MODE CONVERS	NON-RELEVANT
											MODE CONVERS	NON-RELEVANT
											MODE CONVERS	NON-RELEVANT
SIS-090	ELBOW	B-J	R00008580			PT	19920930	PASS	YES			
	-PIPE	B9.11	R00008581	C00000918	WB-33	UT-45	19921008	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIS-091	PIPE	B-J	R00008582			PT	19920930	PASS	YES			
	-ELBOW	B9.11	R00008583	C00000850	WB-33	UT-0	19921019	PASS	YES			
			R00008583	C00000845	WB-33	UT-45	19921013	PASS	YES		GEOMETRIC	NON-RELEVANT
											PLANAR	ANALYZED, OK
			R00008583	C00000847	WB-33	UT-45	19921019	PASS	YES		PLANAR	ANALYZED, OK
			R00008583	C00000851	WB-33	UT-45	19921020	PASS	YES		GEOMETRIC	NON-RELEVANT
											PLANAR	ANALYZED, OK

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SIS-091	PIPE	B-J	R00008583	C00000848	WB-33	UT-45L	19921019	PASS	YES		PLANAR	ANALYZED, OK
	-ELBOW	B9.11	R00008583	C00000853	WB-33	UT-55	19921020	PASS	YES			
			R00008583	C00000846	WB-33	UT-60L	19921013	PASS	YES		GEOMETRIC	NON-RELEVANT
											PLANAR	ANALYZED, OK
			R00008583	C00000849	WB-33	UT-60L	19921019	PASS	YES		PLANAR	ANALYZED, OK
			R00008583	C00000852	WB-33	UT-60L	19921020	PASS	YES		PLANAR	ANALYZED, OK
SIS-091-LS	ELBSEAM	B-J	R00008590			PT	19920930	PASS	YES			
		B9.12	R00008591	C00000919	WB-33	UT-45	19921014	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIS-092	ELBOW	B-J	R00008584			PT	19920827	PASS	YES			
	-PIPE	B9.11	R00008585	C00000805	WB-01	UT-45	19920901	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIS-094	PIPE	B-J	R00008586			PT	19920827	PASS	YES			
	-ELBOW	B9.11	R00008587	C00000803	WB-01	UT-45	19920921	PASS	YES		GEOMETRIC	NON-RELEVANT
SIS-095	ELBOW	B-J	R00008588			PT	19920930	PASS	YES			
	-PIPE	B9.11	R00005456			PT	19930416	PASS	YES			
			R00008589	C00000948	WB-01	UT-45	19921029	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIW-01	WELDOLT	B-J	R00008592			PT	19921001	PASS	YES			
	-BR CONN	B9.32										

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SIF-B-T105-06A	PIPE -ELBOW	B-J B9.40	R00005961			PT	19940129	PASS	YES			
SIF-B-T105-16	ELBOW -PIPE	B-J B9.40	R00008673			PT	19921215	PASS	YES			
SIF-B-T112-01	PIPE -RED INS	B-J B9.40	R00008675			PT	19920903	PASS	YES			
SIF-B-T112-02	ELBOW -PIPE	B-J B9.40	R00008676			PT	19920903	PASS	YES			
SIF-B-T112-03	PIPE -ELBOW	B-J B9.40	R00008677			PT	19920903	PASS	YES			
SIF-B-T112-09	PIPE -ELBOW	B-J B9.40	R00008683			PT	19930204	PASS	YES			
SIF-B-T112-10	TEE -PIPE	B-J B9.40	R00008684			PT	19920903	PASS	YES			
SIF-B-T112-13	TEE -REDUCER	B-J B9.40	R00008686			PT	19920903	PASS	YES			
SIF-D090-03	VALVE -PIPE	B-J B9.11	R00008604			PT	19920902	PASS	YES			
			R00005409			PT	19930415	PASS	YES			
			R00008605	C00000835	WB-33	UT-45	19920917	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00008605	C00000836	WB-33	UT-45R	19920917	PASS	YES		GEOMETRIC	NON-RELEVANT
SIF-D090-04	PIPE -VALVE	B-J B9.11	R00008606			PT	19920901	PASS	YES			

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SIF-D090-04	PIPE	B-J	R00005411			PT	19930417	PASS	YES			
	-VALVE	B9.11	R00008607	C00000829	WB-33	UT-45	19920910	PASS	YES			
			R00008607	C00000830	WB-33	UT-45R	19920914	PASS	YES		GEOMETRIC	NON-RELEVANT
SIF-D090-05	VALVE	B-J	R00009849			PT	19921123	PASS	YES	ISI-04		
	-RED TEE	B9.11	R00005412			PT	19930415	PASS	YES			
			R00009871			RT	19921230	PASS	YES			
SIF-D090-06	VALVE	B-J	R00009850			PT	19921119	PASS	YES	ISI-04		
	-PIPE	B9.11	R00005413			PT	19930419	PASS	YES			
			R00009872			RT	19930111	PASS	YES			
SIF-D090-07	PIPE	B-J	R00008608			PT	19921110	PASS	YES			
	-RED TEE	B9.11	R00008609	C00000952	WB-01	UT-45	19921117	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00008609	C00000953	WB-01	UT-55	19921117	PASS	YES		GEOMETRIC	NON-RELEVANT
SIF-D090-07A	PIPE	B-J	R00008610			PT	19920901	PASS	YES			
	-PIPE	B9.11	R00008611	C00000804	WB-33	UT-45	19920903	PASS	YES			
SIF-D090-07B	PIPE	B-J	R00008612			PT	19920901	PASS	YES			
	-PIPE	B9.11	R00008613	C00000804	WB-33	UT-45	19920903	PASS	YES			
SIF-D090-08	PIPE	B-J	R00008614			PT	19920901	PASS	YES			
	-VALVE	B9.11	R00008615	C00000829	WB-33	UT-45	19920910	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00008615	C00000830	WB-33	UT-45R	19920914	PASS	YES			
SIF-D090-09	VALVE	B-J	R00008616			PT	19920902	PASS	YES			
	-ELBOW	B9.11	R00008617	C00000832	WB-33	UT-45	19920915	PASS	YES			
			R00008617	C00000833	WB-33	UT-45R	19920915	PASS	YES			

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SIF-D090-10	ELBOW	B-J	R00008618			PT	19920902	PASS	YES			
	-WELDOLT	B9.11	R00008619	C00000832	WB-33	UT-45	19920915	PASS	YES			
			R00008619	C00000833	WB-33	UT-45R	19920915	PASS	YES			
SIF-D090-11	PIPE	B-J	R00008620			PT	19921110	PASS	YES			
	-VALVE	B9.11	R00008621	C00000954	WB-01	UT-45	19921118	PASS	YES			
			R00008621	C00000955	WB-01	UT-55	19921118	PASS	YES		GEOMETRIC	NON-RELEVANT
SIF-D090-12	VALVE	B-J	R00008622			PT	19920826	PASS	YES			
	-PIPE	B9.11	R00005419			PT	19930420	PASS	YES			
			R00008623	C00000801	WB-01	UT-45	19920831	PASS	YES			
			R00008623	C00000802	WB-01	UT-60	19920831	PASS	YES			
SIF-D090-12A	PIPE	B-J	R00008624			PT	19920826	PASS	YES			
	-ELBOW	B9.11	R00008625	C00000801	WB-01	UT-45	19920831	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00008625	C00000802	WB-01	UT-60	19920831	PASS	YES			
SIF-D090-13	ELBOW	B-J	R00005009			PT	19900110	PASS	YES			
	-WELDOLT	B9.11	R00009556	C00000958	WB-01	UT-45	19921102	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00009556	C00000959	WB-01	UT-60L	19921102	PASS	YES			
SIS-096	PIPE	B-J	R00008626			PT	19920902	PASS	YES			
	-ELBOW	B9.11	R00005410			PT	19930419	PASS	YES			
			R00008627	C00000837	WB-33	UT-45	19920917	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIS-097	ELBOW	B-J	R00008628			PT	19920903	PASS	YES			
	-PIPE	B9.11	R00008629	C00000834	WB-33	UT-45	19920910	PASS	YES		GEOMETRIC	NON-RELEVANT
											MODE CONVERS	NON-RELEVANT
SIS-098	PIPE	B-J	R00008630			PT	19920902	PASS	YES			
	-ELBOW	B9.11										

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SIS-098	PIPE	B-J	R00008631	C00000821	WB-33	UT-45	19920909	PASS	YES		GEOMETRIC	NON-RELEVANT
	-ELBOW	B9.11									GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIS-099	ELBOW	B-J	R00008632			PT	19920903	PASS	YES			
	-PIPE	B9.11	R00008633	C00000821	WB-33	UT-45	19920909	PASS	YES			
SIS-100	RED TEE	B-J	R00008634			PT	19920902	PASS	YES			
	-PIPE	B9.11	R00008635	C00000835	WB-33	UT-45	19920917	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00008635	C00000836	WB-33	UT-45R	19920917	PASS	YES		GEOMETRIC	NON-RELEVANT
SIS-101	PIPE	B-J	R00008636			PT	19920902	PASS	YES			
	-ELBOW	B9.11	R00008637	C00000820	WB-33	UT-45	19920908	PASS	YES			
SIS-102	ELBOW	B-J	R00008638			PT	19920901	PASS	YES			
	-PIPE	B9.11	R00008639	C00000804	WB-33	UT-45	19920903	PASS	YES			
SIS-103	ELBOW	B-J	R00008640			PT	19921110	PASS	YES			
	-PIPE	B9.11	R00008641	C00000957	WB-33	UT-45	19921117	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIS-104	PIPE	B-J	R00008642			PT	19920902	PASS	YES			
	-ELBOW	B9.11	R00008643	C00000858	WB-33	UT-45	19920916	PASS	YES		MODE CONVERS	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00008643	C00000905	WB-33	UT-45	19921029	PASS	YES			
SIS-104-LS	ELBSEAM	B-J	R00008204			PT	19920903	PASS	YES			
		B9.12										

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SIS-104-LS	ELBSEAM	B-J B9.12	R00008335	C00000831	WB-33	UT-45	19920915	PASS	YES			
SIS-105	PIPE	B-J	R00008644			PT	19921110	PASS	YES			
	-ELBOW	B9.11	R00008645	C00000956	WB-01	UT-45	19921117	PASS	YES		GEOMETRIC	NON-RELEVANT
SIS-106	ELBOW	B-J	R00008646			PT	19920826	PASS	YES			
	-PIPE	B9.11	R00008647	C00000819	WB-01	UT-45	19920827	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00008647	C00000827	WB-01	UT-60	19921006	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIS-107	CAP	B-J	R00008648			PT	19921110	PASS	YES			
	-PIPE	B9.11	R00008649	C00000954	WB-01	UT-45	19921118	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIW-02	WELDOLT -BR CONN	B-J B9.32	R00008650			PT	19921123	PASS	YES			
SIW-03	WELDOLT -CAP	B-J B9.32	R00008651			PT	19921110	PASS	YES			

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SIF-B-T063-01	PIPE	B-J	R00008730			PT	19920903	PASS	YES			
	-WELDOLT	B9.40	R00005381			PT	19930417	PASS	YES			
SIF-B-T063-02	ELBOW	B-J	R00008731			PT	19920903	PASS	YES			
	-PIPE	B9.40	R00005382			PT	19930417	PASS	YES			
SIF-B-T063-02A	PIPE	B-J	R00008732			PT	19920903	PASS	YES			
	-ELBOW	B9.40										
SIF-B-T063-03	ELBOW	B-J	R00008733			PT	19920903	PASS	YES			
	-PIPE	B9.40										
SIF-B-T063-03A	PIPE	B-J	R00008734			PT	19920903	PASS	YES			
	-ELBOW	B9.40										
SIF-B-T063-04	TEE	B-J	R00008735			PT	19920903	PASS	YES			
	-PIPE	B9.40										
SIF-B-T063-05	TEE	B-J	R00008736			PT	19920903	PASS	YES			
	-REDUCER	B9.40										
SIF-B-T063-06	PIPE	B-J	R00008737			PT	19920903	PASS	YES			
	-TEE	B9.40										
SIF-B-T063-07	ELBOW	B-J	R00008738			PT	19920903	PASS	YES			
	-PIPE	B9.40										
SIF-B-T063-08	PIPE	B-J	R00008739			PT	19921109	PASS	YES			
	-ELBOW	B9.40										
SIF-D091-01	ELBOW	B-J	R00008687			PT	19920902	PASS	YES			
	-WELDOLT	B9.11										

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SIF-D091-01	ELBOW	B-J	R00008688	C00000907	WB-33	UT-45	19921015	PASS	YES			
	-WELDOLT	B9.11	R00008688	C00000908	WB-33	UT-60L	19921015	PASS	YES		GEOMETRIC	NON-RELEVANT
SIF-D091-02	VALVE	B-J	R00008689			PT	19921202	PASS	YES			
	-ELBOW	B9.11	R00005710			PT	19930424	PASS	YES			
			R00008690	C00001230	WB-33	UT-45	19930428	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											MODE CONVERS	NON-RELEVANT
			R00008690	C00001231	WB-33	UT-60L	19930428	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIF-D091-03	PIPE	B-J	R00008691			PT	19921110	PASS	YES			
	-VALVE	B9.11	R00008692	C00000963	WB-33	UT-45	19921117	PASS	YES			
			R00008692	C00000964	WB-33	UT-60L	19921117	PASS	YES			
SIF-D091-04	VALVE	B-J	R00009845			PT	19921109	PASS	YES	ISI-04		
	-ELBOW	B9.11	R00009873			RT	19930114	PASS	YES			
SIF-D091-04A	PIPE	B-J	R00008693			PT	19921109	PASS	YES			
	-ELBOW	B9.11	R00008694	C00000965	WB-01	UT-45	19921112	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIF-D091-05	PIPE	B-J	R00008695			PT	19921110	PASS	YES			
	-RED TEE	B9.11	R00008696	C00000961	WB-01	UT-45	19921119	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00008696	C00000962	WB-01	UT-55L	19921119	PASS	YES		GEOMETRIC	NON-RELEVANT
SIF-D091-06	VALVE	B-J	R00009846			PT	19921110	PASS	YES			
	-RED TEE	B9.11	R00009874			RT	19930106	PASS	YES			
SIF-D091-07	PIPE	B-J	R00008697			PT	19920902	PASS	YES			
	-VALVE	B9.11										

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SIF-D091-07	PIPE	B-J	R00008698	C00000906	WB-33	UT-45	19920922	PASS	YES		GEOMETRIC	NON-RELEVANT
	-VALVE	B9.11	R00008698	C00000904	WB-33	UT-45L	19920922	PASS	YES			
SIF-D091-08	VALVE	B-J	R00008699			PT	19921109	PASS	YES			
	-PIPE	B9.11	R00008700	C00000967	WB-33	UT-45	19921110	PASS	YES			
			R00008700	C00000968	WB-33	UT-60L	19921110	PASS	YES			
SIF-D091-11	ELBOW	B-J	R00008701			PT	19921109	PASS	YES			
	-PIPE	B9.11	R00008702	C00000965	WB-01	UT-45	19921112	PASS	YES		GEOMETRIC	NON-RELEVANT
SIF-D091-11A	PIPE	B-J	R00008703			PT	19920831	PASS	YES			
	-PIPE	B9.11	R00008704	C00000910	WB-01	UT-45	19920925	PASS	YES		GEOMETRIC	NON-RELEVANT
SIF-D091-11B	ELBOW	B-J	R00008705			PT	19920831	PASS	YES			
	-PIPE	B9.11	R00008706	R00000910	WB-01	UT-45	19920925	PASS	YES			
SIS-108	PIPE	B-J	R00008707			PT	19921109	PASS	YES			
	-PIPE	B9.11	R00008708	C00000966	WB-33	UT-45	19921110	PASS	YES		MODE CONVERS	NON-RELEVANT
											MODE CONVERS	NON-RELEVANT
SIS-109	RED TEE	B-J	R00008709			PT	19920902	PASS	YES			
	-PIPE	B9.11	R00008710	C000000903	WB-33	UT-45	19920922	PASS	YES		MODE CONVERS	NON-RELEVANT
			R00008710	C00000904	WB-33	UT-45L	19920922	PASS	YES		GEOMETRIC	NON-RELEVANT
SIS-110	PIPE	B-J	R00008711			PT	19920902	PASS	YES			
	-ELBOW	B9.11	R00008712	C00000903	WB-33	UT-45	19920922	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											MODE CONVERS	NON-RELEVANT
											MODE CONVERS	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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SIS-111	ELBOW	B-J	R00008713			PT	19920902	PASS	YES			
	-ELBOW	B9.11	R00008714	C00000903	WB-33	UT-45	19920922	PASS	YES			
SIS-112	ELBOW	B-J	R00008715			PT	19920902	PASS	YES			
	-PIPE	B9.11	R00008716	C00000903	WB-33	UT-45	19920922	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIS-113	ELBOW	B-J	R00008717			PT	19920902	PASS	YES			
	-PIPE	B9.11	R00008718	C00000838	WB-33	UT-45	19920924	PASS	YES		MODE CONVERS	NON-RELEVANT
SIS-114	PIPE	B-J	R00008719			PT	19920902	PASS	YES			
	-ELBOW	B9.11	R00008720	C00000838	WB-33	UT-45	19920924	PASS	YES		MODE CONVERS	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIS-115	ELBOW	B-J	R00008721			PT	19920902	PASS	YES			
	-ELBOW	B9.11	R00008722	C00000909	WB-33	UT-45	19920923	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIS-115-LS	ELBSEAM	B-J	R00008727			PT	19920902	PASS	YES			
		B9.12	R00008728	C00000841	WB-33	UT-CRP	19921001	PASS	YES			
			R00008728	C00000840	WB-33	UT-0	19920930	PASS	YES		SUBSURF, ROU	<CODE SIZE
			R00008728	C00000838	WB-33	UT-45	19920924	PASS	YES		SUBSURF, ROU	<CODE SIZE
			R00008728	C00000839	WB-33	UT-45	19920930	PASS	YES		SUBSURF, ROU	<CODE SIZE
			R00008728	C00000842		UT-45	19921001	PASS	YES		SUBSURF, ROU	<CODE SIZE
			R00008728	C00000843	WB-33	UT-45	19921001	PASS	YES		SUBSURF, ROU	<CODE SIZE
			R00008728	C00000844	WB-33	UT-45	19921008	PASS	YES		SUBSURF, ROU	<CODE SIZE
SIS-118	PIPE	B-J	R00008723			PT	19921110	PASS	YES			
	-ELBOW	B9.11	R00008724	C00000960	WB-01	UT-45	19921119	PASS	YES		GEOMETRIC	NON-RELEVANT
SIS-119	ELBOW	B-J	R00008725			PT	19921110	PASS	YES			
	-PIPE	B9.11										

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SIS-119	ELBOW -PIPE	B-J B9.11	R00008726	C00000960	WB-01	UT-45	19921119	PASS	YES		GEOMETRIC	NON-RELEVANT
SIW-04	WELDOLT -BR CONN	B-J B9.32	R00008729			PT	19920903	PASS	YES			

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SIF-B-T026-06	ELBOW	B-J	R00005383			PT	19930415	PASS	YES			
	-PIPE	B9.40										
SIF-B-T026-10	ANCHOR	B-J	R00008814			PT	19921210	PASS	YES			
	-PIPE	B9.21										
SIF-B-T026-11	PIPE	B-J	R00008815			PT	19921210	PASS	YES			
	-ANCHOR	B9.21										
SIF-B-T034-01	PIPE	B-J	R00008822			PT	19921029	PASS	YES			
	-WELDOLT	B9.40										
SIF-B-T034-02	ELBOW	B-J	R00008823			PT	19921029	PASS	YES			
	-PIPE	B9.40										
SIF-D092-03	VALVE	B-J	R00008743			PT	19921028	PASS	YES			
	-ELBOW	B9.11	R00008744			RT	19921221	PASS	YES			
SIF-D092-04	ELBOW	B-J	R00008745			PT	19921105	PASS	YES			
	-PIPE	B9.11	R00008746	C00000966	WB-33	UT-45	19921110	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIF-D092-05	PIPE	B-J	R00008747			PT	19920901	PASS	YES			
	-VALVE	B9.11	R00008748	C00000807	WB-33	UT-45	19920910	PASS	YES			
			R00008748	C00000808	WB-33	UT-45R	19920914	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIF-D092-06	VALVE	B-J	R00008749			PT	19920901	PASS	YES			
	-RED TEE	B9.11										

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SIF-D092-06	VALVE	B-J	R00005389			PT	19930414	PASS	YES			
	-RED TEE	B9.11	R00008750	C00000807	WB-33	UT-45	19920910	PASS	YES			
			R00008750	C00000808	WB-33	UT-45R	19920914	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIF-D092-07	VALVE	B-J	R00008751			PT	19921029	PASS	YES			
	-ELBOW	B9.11	R00008752	C00000976	WB-01	UT-45	19921112	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00008752	C00000977	WB-01	UT-60L	19921112	PASS	YES			
SIF-D092-07A	ELBOW	B-J	R00009825			PT	19921029	PASS	YES			
	-PIPE	B9.11	R00009557	C00000911	WB-01	UT-45	19921102	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIF-D092-07B	PIPE	B-J	R00008753			PT	19921029	PASS	YES			
	-PIPE	B9.11	R00008754	C00000996	WB-01	UT-45	19930105	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIF-D092-08	ELBOW	B-J	R00008755			PT	19921029	PASS	YES			
	-PIPE	B9.11	R00008756	C00000975	WB-01	UT-45	19921109	PASS	YES			
SIF-D092-09	PIPE	B-J	R00008757			PT	19920827	PASS	YES			
	-RED TEE	B9.11	R00008758	C00000809	WB-01	UT-45	19920901	PASS	YES			
			R00008758	C00000810	WB-01	UT-60R	19920917	PASS	YES		GEOMETRIC	NON-RELEVANT
SIF-D092-09A	PIPE	B-J	R00008759			PT	19920827	PASS	YES			
	-PIPE	B9.11	R00008760	C00000811	WB-01	UT-45	19920901	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00008760	C00000828	WB-01	UT-60	19921007	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIF-D092-10	PIPE	B-J	R00008761			PT	19920902	PASS	YES			
	-VALVE	B9.11										

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SIF-D092-10	PIPE	B-J	R00005387			PT	19930413	PASS	YES			
	-VALVE	B9.11	R00008762	C00000807	WB-33	UT-45	19920910	PASS	YES			
			R00008762	C00000808	WB-33	UT-45R	19920914	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIF-D092-11	VALVE	B-J	R00008763			PT	19920908	PASS	YES			
	-ELBOW	B9.11	R00008764	C00000859	WB-33	UT-45	19921007	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00008764	C00000860	WB-33	UT-45L	19921007	PASS	YES			
SIF-D092-11A	PIPE	B-J	R00008765			PT	19920908	PASS	YES			
	-PIPE	B9.11	R00008766	C00000817	WB-33	UT-45	19920909	PASS	YES		GEOMETRIC	NON-RELEVANT
SIF-D092-12	ELBOW	B-J	R00008767			PT	19920908	PASS	YES			
	-WELDOLT	B9.11	R00008768	C00000817	WB-33	UT-45	19920909	PASS	YES		GEOMETRIC	NON-RELEVANT
SIF-D092-13	PIPE	B-J	R00009847			PT	19921203	PASS	YES			
	-VALVE	B9.11	R00009879	C00001020	WB-01	UT-45	19930114	PASS	YES			
			R00009879	C00001021	WB-01	UT-45	19930114	PASS	YES			
			R00009879	C00001022	WB-01	UT-60L	19930114	PASS	YES		GEOMETRIC	NON-RELEVANT
SIF-D092-14	VALVE	B-J	R00008769			PT	19921027	PASS	YES			
	-ELBOW	B9.11	R00008770	C00000978	WB-01	UT-45	19921105	PASS	YES			
			R00008770	C00000979	WB-01	UT-60L	19921105	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIF-D092-15	ELBOW	B-J	R00009596			PT	19921125	PASS	YES			
	-PIPE	B9.11	R00009586	C00001020	WB-01	UT-45	19930114	PASS	YES			
			R00009586	C00001021	WB-01	UT-45	19930114	PASS	YES			
			R00009586	C00001022	WB-01	UT-60L	19930114	PASS	YES			

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SIS-120	ELBOW	B-J	R00008771			PT	19921001	PASS	YES			
	-PIPE	B9.11	R00008772	C00000901	WB-33	UT-45	19921026	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00008772	C00000902	WB-33	UT-45L	19921027	PASS	YES		GEOMETRIC	NON-RELEVANT
SIS-121	PIPE	B-J	R00008773			PT	19921001	PASS	YES			
	-ELBOW	B9.11	R00008774	C00000901	WB-33	UT-45	19921026	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIS-122	RED TEE	B-J	R00008775			PT	19920901	PASS	YES			
	-PIPE	B9.11	R00008776	C00000806	WB-33	UT-45	19920903	PASS	YES		GEOMETRIC	NON-RELEVANT
SIS-122A	PIPE	B-J	R00008777			PT	19921118	PASS	YES			
	-PIPE	B9.11	R00008778	C00000971	WB-33	UT-45	19921203	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIS-123	PIPE	B-J	R00008779			PT	19920901	PASS	YES			
	-ELBOW	B9.11	R00005386			PT	19930413	PASS	YES			
			R00008780	C00000806	WB-33	UT-45	19920903	PASS	YES		GEOMETRIC	NON-RELEVANT
SIS-124	ELBOW	B-J	R00008781			PT	19920901	PASS	YES			
	-ELBOW	B9.11	R00008782	C00000806	WB-33	UT-45	19920903	PASS	YES		GEOMETRIC	NON-RELEVANT
SIS-125	ELBOW	B-J	R00008783			PT	19920901	PASS	YES			
	-PIPE	B9.11	R00008784	C00000806	WB-33	UT-45	19920903	PASS	YES		GEOMETRIC	NON-RELEVANT
SIS-126	ELBOW	B-J	R00008785			PT	19920908	PASS	YES			
	-PIPE	B9.11										

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SIS-126	ELBOW -PIPE	B-J B9.11	R00008786	C00000817	WB-33	UT-45	19920909	PASS	YES		GEOMETRIC	NON-RELEVANT
SIS-127	PIPE -ELBOW	B-J B9.11	R00008787			PT	19920908	PASS	YES			
			R00008788	C00000817	WB-33	UT-45	19920909	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIS-127-LS	ELBSEAM	B-J B9.12	R00008801			PT	19920908	PASS	YES			
			R00008802	C00000818	WB-33	UT-45	19920909	PASS	YES			
SIS-129	PIPE -ELBOW	B-J B9.11	R00008789			PT	19921029	PASS	YES			
			R00008790	C00000996	WB-01	UT-45	19930105	PASS	YES			
SIS-130	PIPE -ELBOW	B-J B9.11	R00008791			PT	19920827	PASS	YES			
			R00005388			PT	19930413	PASS	YES			
			R00008792	C00000800	WB-01	UT-45	19920831	PASS	YES		GEOMETRIC	NON-RELEVANT
SIS-131	ELBOW -PIPE	B-J B9.11	R00008793			PT	19920827	PASS	YES			
			R00008794	C00000800	WB-01	UT-45	19920831	PASS	YES			
SIS-132	CAP -PIPE	B-J B9.11	R00008795			PT	19921027	PASS	YES			
			R00008796	C00000972	WB-01	UT-45	19921028	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIS-133	ELBOW -PIPE	B-J B9.11	R00008797			PT	19921027	PASS	YES			
			R00008798			RT	19930211	PASS	YES			
			R00008798	C00000974	WB-01	UT-45	19921026	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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SIS-133	ELBOW -PIPE	B-J B9.11	R00008798	C00001146	WB-01	UT-45	19930202	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00008798	C00001147	WB-01	UT-45	19930202	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00008798	C00000973	WB-01	UT-45L	19921028	PASS	YES			
			R00008798	C00001150	WB-01	UT-45L	19930202	PASS	YES			
			R00008798	C00001151	WB-01	UT-45L	19930203	PASS	YES			
			R00008798	C00001152	WB-01	UT-60L	19930203	PASS	YES			
			R00008798	C00001153	WB-01	UT-60L	19930204	PASS	YES			
SIS-134	PIPE -ELBOW	B-J B9.11	R00008799			PT	19921027	PASS	YES			
			R00008800	C00000973	WB-01	UT-45	19921026	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00008800	C00000974	WB-01	UT-45L	19921026	PASS	YES			
SIW-05	WELDOLT -BR CONN	B-J B9.32	R00008803			PT	19920929	PASS	YES			
SIW-06	WELDOLT -BR CONN	B-J B9.32	R00008804			PT	19921027	PASS	YES			

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SIF-B-T028-01	WELDOLT -PIPE	B-J B9.40	R00008835			PT	19930117	PASS	YES			
SIF-B-T028-03	ELBOW -PIPE	B-J B9.40	R00005436			PT	19930417	PASS	YES			
SIF-B-T028-04	PIPE -ELBOW	B-J B9.40	R00005434			PT	19930417	PASS	YES			
SIF-B-T058-01	PIPE -WELDOLT	B-J B9.21	R00008831			PT	19920929	PASS	YES			
SIF-B-T058-19A	ELBOW -PIPE	B-J B9.40	R00008861			PT	19921027	PASS	YES			
SIF-B-T058-19B	PIPE -ELBOW	B-J B9.40	R00008862			PT	19921027	PASS	YES			
SIF-B-T058-19C	ELBOW -PIPE	B-J B9.40	R00008863			PT	19921027	PASS	YES			
SIF-B-T058-19D	PIPE -ELBOW	B-J B9.40	R00008864			PT	19921027	PASS	YES			
SIF-B-T058-19E	ELBOW -PIPE	B-J B9.40	R00008865			PT	19921027	PASS	YES			
SIF-B-T058-19F	PIPE -ELBOW	B-J B9.40	R00008866			PT	19930111	PASS	YES			
SIF-B-T058-19G	ELBOW -PIPE	B-J B9.40	R00008867			PT	19921027	PASS	YES			

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SIF-B-T058-19H	PIPE -ELBOW	B-J B9.40	R00008868			PT	19921027	PASS	YES			
SIF-B-T058-39	PIPE -COUPLNG	B-J B9.40	R00005846			PT	19931208	PASS	YES			
SIF-B-T058-40	COUPLNG -PIPE	B-J B9.40	R00005847			PT	19931208	PASS	YES			
SIF-B-T058-41	PIPE -COUPLNG	B-J B9.40	R00005848			PT	19931208	PASS	YES			
SIF-B-T058-42	COUPLNG -PIPE	B-J B9.40	R00005849			PT	19931208	PASS	YES			
SIF-B-T058-43	PIPE -COUPLNG	B-J B9.40	R00005850			PT	19931208	PASS	YES			
SIF-B-T058-44	COUPLNG -PIPE	B-J B9.40	R00005851			PT	19931208	PASS	YES			
SIF-B-T058-45	PIPE	B-J B9.40	R00005852			PT	19931208	PASS	YES			
SIF-B-T058-46	PIPE	B-J B9.40	R00005853			PT	19931208	PASS	YES			
SIF-B-T059-01	COUPLNG -PIPE	B-J B9.40	R00005914			PT	19931204	PASS	YES			
SIF-B-T059-01A	PIPE -COUPLNG	B-J B9.40	R00005915			PT	19931202	PASS	YES			

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SIF-B-T059-01B	COUPLNG -PIPE	B-J B9.40	R00005916			PT	19931202	PASS	YES			
SIF-B-T059-02	PIPE -COUPLNG	B-J B9.40	R00005917			PT	19931202	PASS	YES			
SIF-B-T059-02A	FLG -PIPE	B-J B9.21	R00005007			PT	19900109	PASS	YES			
SIF-B-T059-02B	PIPE -FLG	B-J B9.21	R00008832			PT	19920929	PASS	YES			
SIW-07	BR CONN -WELDOLT	B-J B9.32	R00008833			PT	19921102	PASS	YES			
SIW-08	WELDOLT -BR CONN	B-J B9.32	R00008834			PT	19920929	PASS	YES			

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SIF-B-T060-08	RED TEE	B-J	R00008886			PT	19920929	PASS	YES			
	-PIPE	B9.21	R00005384			PT	19930415	PASS	YES			
SIF-B-T113-01	PIPE	B-J	R00008887			PT	19920929	PASS	YES			
	-WELDOLT	B9.21										
SIF-B-T113-02	ELBOW	B-J	R00005399			PT	19930414	PASS	YES			
	-PIPE	B9.40										
SIF-B-T113-05	PIPE	B-J	R00005003			PT	19900108	PASS	YES			
	-VALVE	B9.40	R00005400			PT	19930414	PASS	YES			
SIF-B-T113-07	PIPE	B-J	R00005401			PT	19930414	PASS	YES			
	-ELBOW	B9.40										
SIF-B-T113-09	PIPE	B-J	R00005402			PT	19930414	PASS	YES			
	-ELBOW	B9.40										
SIF-B-T113-18	ELBOW	B-J	R00005403			PT	19930414	PASS	YES			
	-PIPE	B9.40										
SIF-B-T113-24	FLG	B-J	R00008888			PT	19920930	PASS	YES			
	-PIPE	B9.21										
SIF-B-T113-25	PIPE	B-J	R00008889			PT	19920930	PASS	YES			
	-FLG	B9.21										
SIF-B-T113-29A	PIPE	B-J	R00005819			PT	19931202	PASS	YES			
	-COUPLNG	B9.40										
SIF-B-T113-29B	PIPE	B-J	R00005820			PT	19931202	PASS	YES			
	-COUPLNG	B9.40										

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SIF-B-T113-29C	COUPLNG -PIPE	B-J B9.40	R00005814			PT	19931202	PASS	YES			
SIF-B-T113-29D	PIPE -COUPLNG	B-J B9.40	R00005815			PT	19931202	PASS	YES			
SIF-B-T113-44	PIPE	B-J B9.40	R00005854			PT	19931208	PASS	YES			
SIF-B-T113-45	PIPE -COUPLNG	B-J B9.40	R00005855			PT	19931208	PASS	YES			
SIF-B-T113-46	COUPLNG -PIPE	B-J B9.40	R00005856			PT	19931208	PASS	YES			
SIF-B-T113-47	PIPE -COUPLNG	B-J B9.40	R00005857			PT	19931208	PASS	YES			
SIF-B-T113-48	COUPLNG -PIPE	B-J B9.40	R00005858			PT	19931208	PASS	YES			
SIF-B-T113-49	PIPE -COUPLNG	B-J B9.40	R00005859			PT	19931208	PASS	YES			
SIF-B-T113-50	COUPLNG -PIPE	B-J B9.40	R00005860			PT	19931208	PASS	YES			
SIF-B-T113-51	PIPE -COUPLNG	B-J B9.40	R00005861			PT	19931208	PASS	YES			
SIW-09	WELDOLT -BR CONN	B-J B9.32	R00008890			PT	19920929	PASS	YES			

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RCF-B4-04	WELDOLT -WELDOLT	B-J B9.21	R00008927			PT	19930107	PASS	YES			
SIF-B-T029-01	PIPE -WELDOLT	B-J B9.21	R00008937			PT	19930107	PASS	YES			
SIF-B-T029-01A	PIPE -PIPE	B-J B9.21	R00008938			PT	19930107	PASS	YES			
SIF-B-T029-17	PIPE -ELBOW	B-J B9.40	R00005437			PT	19930422	PASS	YES			
SIF-B-T029-22	FLG -PIPE	B-J B9.21	R00008928			PT	19920930	PASS	YES			
SIF-B-T029-23	PIPE -FLG	B-J B9.21	R00008929			PT	19920930	PASS	YES			
SIF-B-T029-24	ELBOW -PIPE	B-J B9.40	R00005833			PT	19931203	PASS	YES			
SIF-B-T029-25	PIPE -ELBOW	B-J B9.40	R00005834			PT	19931203	PASS	YES			
SIF-B-T029-27	ELBOW -PIPE	B-J B9.40	R00005835			PT	19931203	PASS	YES			
SIF-B-T029-28	PIPE -ELBOW	B-J B9.40	R00005836			PT	19931203	PASS	YES			
SIF-B-T029-29	COUPLNG -PIPE	B-J B9.40	R00005837			PT	19931203	PASS	YES			

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SIF-B-T029-30	PIPE -COUPLNG	B-J B9.40	R00005838			PT	19931203	PASS	YES			
SIF-B-T029-31	COUPLNG -PIPE	B-J B9.40	R00005839			PT	19931203	PASS	YES			
SIF-B-T029-32	PIPE -COUPLNG	B-J B9.40	R00005840			PT	19931203	PASS	YES			
SIF-B-T029-33	ELBOW -PIPE	B-J B9.40	R00005841			PT	19931203	PASS	YES			
SIF-B-T029-34	PIPE -ELBOW	B-J B9.40	R00005842			PT	19931203	PASS	YES			
SIF-B-T061-01	REDUCER -PIPE	B-J B9.21	R00008930			PT	19920929	PASS	YES			
SIF-B-T061-01A	PIPE -COUPLNG	B-J B9.40	R00005816			PT	19931202	PASS	YES			
SIF-B-T061-01B	COUPLNG -PIPE	B-J B9.40	R00005817			PT	19931202	PASS	YES			
SIF-B-T061-01C	PIPE -COUPLNG	B-J B9.40	R00005821			PT	19931202	PASS	YES			
SIF-B-T061-01D	COUPLNG -PIPE	B-J B9.40	R00005822			PT	19931202	PASS	YES			
SIF-B-T061-03A	PIPE -COUPLNG	B-J B9.40	R00005823			PT	19931206	PASS	YES			

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SIF-B-T061-03B	COUPLNG -PIPE	B-J B9.40	R00005824			PT	19931206	PASS	YES			
SIF-B-T061-06	PIPE -FLG	B-J B9.21	R00008931			PT	19920929	PASS	YES			
SIF-B-T061-07	FLG -PIPE	B-J B9.21	R00008932			PT	19920929	PASS	YES			
SIF-B-T061-11	ELBOW -PIPE	B-J B9.40	R00008969			PT	19921027	PASS	YES			
SIF-B-T061-16	PIPE -VALVE	B-J B9.40	R00008437			PT	19921222	PASS	YES			
SIF-B-T061-17	VALVE -PIPE	B-J B9.40	R00008257			PT	19921222	PASS	YES			
SIF-B-T061-18	PIPE -ELBOW	B-J B9.40	R00008267			PT	19921222	PASS	YES			
SIF-B-T061-22	PIPE -WELDOLT	B-J B9.21	R00008933			PT	19921202	PASS	YES			
SIW-10	WELDOLT -BR CONN	B-J B9.32	R00008934			PT	19930107	PASS	YES			
SIW-12	WELDOLT -BR CONN	B-J B9.32	R00008936			PT	19930107	PASS	YES			

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SIF-D089-13	PIPE -PIPE	C-F C5.11	R00008982			PT	19921119	PASS	YES			
SIF-D090-16	PIPE -ELBOW	C-F C5.11	R00008983			PT	19921001	PASS	YES			
SIF-D091-09	ELBOW -VALVE	C-F C5.21	R00008988			PT	19920908	PASS	YES			
			R00008989	C00000991	WB-33	UT-45	19921008	PASS	YES			
			R00008989	C00000992	WB-33	UT-60L	19921008	PASS	YES			
SIF-D091-10	PIPE -ELBOW	C-F C5.11	R00008984			PT	19921110	PASS	YES			
SIF-D091-10-LS	ELBSEAM	C-F C5.22	R00008986			PT	19921123	PASS	YES			
SIF-D092-02	PIPE -VALVE	C-F C5.21	R00008990			PT	19921001	PASS	YES			
			R00008991	C00000989	WB-33	UT-45	19921027	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00008991	C00000990	WB-33	UT-45L	19921027	PASS	YES			
SIS-096A	PIPE -ELBOW	C-F C5.11	R00008985			PT	19921001	PASS	YES			
SIW-13	BR CONN -PIPE	C-F C5.21	R00008992			PT	19921209	PASS	YES			
			R00008993	C00001162	BF-46	UT-45	19930217	PASS	YES			
			R00008993	C00001163	BF-46	UT-45L	19930217	PASS	YES			

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47A435-1-69	VSPRING	C-E C3. 50	R00005605			VT-3	19930622	PASS	YES			
		C-E C3. 60	R00006305			VT-4	19940901	PASS	YES			
47A435-1-70	VSPRING	C-E C3. 50	R00005606			VT-3	19930622	PASS	YES			
		C-E C3. 60	R00006306			VT-4	19940901	PASS	YES			
47A435-1-71	M SNUB	C-E C3. 50	R00005607			VT-3	19930622	PASS	YES			
		C-E C3. 60	R00006307			VT-4	19940901	PASS	YES			
47A435-1-72	M SNUB	C-E C3. 50	R00005608			VT-3	19930622	PASS	YES			
		C-E C3. 60	R00006308			VT-4	19940901	PASS	YES			
74-1RHR-R122	RIG HGR	C-E C3. 50	R00005295			VT-3	19930401	PASS	YES			
74-1RHR-R124	RIG HGR	C-E C3. 50	R00005204			VT-3	19921208	PASS	YES			
74-1RHR-R129	RIG HGR	C-E C3. 50	R00005268			VT-3	19930401	PASS	YES			

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SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
74-1RHR-R130	RIG HGR	C-E C3. 50	R00005269			VT-3	19930401	PASS	YES			
74-1RHR-R131	RIG HGR	C-E C3. 50	R00006369			VT-3	19940929	PASS	YES			
74-1RHR-R134	RIG HGR	C-E C3. 50	R00006459			VT-3	19950119	PASS	YES			

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ISOMETRIC NUMBER : ISI-0021-C SHEET : 02

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
47A435-1-50	RIG HGR	C-E C3. 50	R00005243			VT-3	19930305	PASS	YES			
74-1RHR-R211	RIG HGR	C-E C3. 50	R00005291			VT-3	19930402	PASS	YES			
74-1RHR-R212	RIG HGR	C-E C3. 50	R00005292			VT-3	19930402	PASS	YES			
74-1RHR-R213	RIG HGR	C-E C3. 50	R00005293			VT-3	19930402	PASS	YES			
74-1RHR-R214	RIG HGR	C-E C3. 50	R00006427			VT-3	19941025	PASS	YES			
74-1RHR-R215	RIG HGR	C-E C3. 50	R00006428			VT-3	19941025	PASS	YES			
74-1RHR-R217	RIG HGR	C-E C3. 50	R00006426			VT-3	19941025	PASS	YES			
74-1RHR-R218	RIG HGR	C-E C3. 50	R00005303			VT-3	19930504	PASS	YES			
74-1RHR-R219	RIG HGR	C-E C3. 50	R00005810			VT-3	19931203	PASS	YES			
74-1RHR-R220	RIG HGR	C-E C3. 50	R00006450			VT-3	19941128	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIH-040	RIG HGR	C-E C3. 50	R00006258			VT-3	19940831	PASS	YES			
SIH-042	M SNUB	C-E C3. 50	R00005949			VT-3	19940125	PASS	YES			
		C-E C3. 60	R00006259			VT-4	19940831	PASS	YES			
SIH-044	RIG HGR	C-E C3. 50	R00005271			VT-3	19930414	PASS	YES			
SIH-045	RIG HGR	C-E C3. 50	R00005272			VT-3	19930414	PASS	YES			
SIH-046	RIG HGR	C-E C3. 50	R00005508			VT-3	19930602	PASS	YES			
SIH-047	RIG HGR	C-E C3. 50	R00005677			VT-3	19930806	PASS	YES			
SIH-048	RIG HGR	C-E C3. 50	R00005507			VT-3	19930602	PASS	YES			
SIH-049	RIG HGR	C-E C3. 50	R00005259			VT-3	19930412	PASS	YES			
SIH-050	RIG HGR	C-E C3. 50	R00005964			VT-3	19940127	PASS	YES			
SIH-051	RIG HGR	C-E C3. 50	R00005260			VT-3	19930413	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIH-052	RIG HGR	C-E C3. 50	R00005273			VT-3	19930413	PASS	YES			
SIH-053	RIG HGR	C-E C3. 50	R00005261			VT-3	19930413	PASS	YES			
SIH-054	RIG HGR	C-E C3. 50	R00005274			VT-3	19930413	PASS	YES			
SIH-055	M SNUB	C-E C3. 50	R00006014			VT-3	19940217	PASS	YES			
		C-E C3. 60	R00006260			VT-4	19940831	PASS	YES			
SIH-056	RIG HGR	C-E C3. 50	R00005625			VT-3	19930629	PASS	YES			
SIH-057	RIG HGR	C-E C3. 50	R00005965			VT-3	19940127	PASS	YES			
SIH-058	RIG HGR	C-E C3. 50	R00005623			VT-3	19930629	PASS	YES			
SIH-059	RIG HGR	C-E C3. 50	R00005568			VT-3	19930609	PASS	YES			
SIH-060	RIG HGR	C-E C3. 50	R00005624			VT-3	19930629	PASS	YES			
SIH-062	M SNUB	C-E C3. 50	R00005948			VT-3	19940125	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIH-062	M SNUB	C-E C3. 60	R00006304			VT-4	19940901	PASS	YES			
SIH-063	VSPRING	C-E C3. 50	R00006048			VT-3	19940302	PASS	YES			
		C-E C3. 60	R00006048			VT-4	19940302	PASS	YES			
SIH-064	M SNUB	C-E C3. 50	R00006049			VT-3	19940302	PASS	YES			
			R00006146			VT-3	19940322	PASS	YES			
		C-E C3. 60	R00006049			VT-4	19940302	PASS	YES			
			R00006146			VT-4	19940322	PASS	YES			
SIH-069	RIG HGR	C-E C3. 50	R00005506			VT-3	19930602	PASS	YES			
SIH-077	RIG HGR	C-E C3. 50	R00005569			VT-3	19930609	PASS	YES			
SIH-078	M SNUB	C-E C3. 50	R00006462			VT-3	19950127	PASS	YES			
		C-E C3. 60	R00006462			VT-4	19950127	PASS	YES			
SIH-079	M SNUB	C-E C3. 50	R00005574			VT-3	19930610	PASS	YES			
		C-E C3. 60	R00006265			VT-4	19940831	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
47A435-6-74	M SNUB	C-E C3. 50	R00005626			VT-3	19930629	PASS	YES			
		C-E C3. 60	R00006293			VT-4	19940901	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
1-63-065	M SNUB	B-K-2	R00005276			VT-3	19930406	PASS	YES			
		B11.10	R00006261			VT-4	19940831	PASS	YES			
1-63-066	M SNUB	B-K-2	R00005277			VT-3	19930406	PASS	YES			
		B11.10	R00006262			VT-4	19940831	PASS	YES			
1-63-067	RIG HGR	B-K-2	R00006155			VT-3	19940324	PASS	YES			
		B11.10										
1-63-068	RIG HGR	B-K-2	R00005378			VT-3	19930517	PASS	YES			
		B11.10										
1-63-072	RIG HGR	B-K-2	R00005675			VT-3	19930806	PASS	YES			
		B11.10										
1-63-073	M SNUB	B-K-2	R00005894			VT-3	19940111	PASS	YES			
		B11.10	R00006129			VT-3	19940318	PASS	YES			
			R00006263			VT-4	19940831	PASS	YES			
1-63-080	VSPRING	B-K-2	R00006127			VT-3	19940318	PASS	YES			
		B11.10	R00006399			VT-4	19941013	PASS	YES			
1-63-081	M SNUB	B-K-2	R00006128			VT-3	19940318	PASS	YES			
		B11.10	R00006398			VT-4	19941012	PASS	YES			
1-63-082	RIG HGR	B-K-2	R00005377			VT-3	19930517	PASS	YES			
		B11.10										
1-63-083	RIG HGR	B-K-2	R00005676			VT-3	19930806	PASS	YES			
		B11.10										
1-63-087	RIG HGR	B-K-2	R00005376			VT-3	19930517	PASS	YES			
		B11.10										

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
1-63-088	RIG HGR	B-K-2 B11.10	R00005732			VT-3	19930930	PASS	YES			
1-63-089	RIG HGR	B-K-2 B11.10	R00006160			VT-3	19940326	PASS	YES			
1-63-090	RIG HGR	B-K-2 B11.10	R00005380 R00005722			VT-3 VT-3	19930517 19930928	PASS PASS	YES YES			
47A435-8-87	RIG HGR	B-K-2 B11.10	R00006166			VT-3	19940330	PASS	YES			
47A435-8-88	M SNUB	B-K-2 B11.10	R00005674 R00006302			VT-3 VT-4	19930806 19940901	PASS PASS	YES YES			
47A435-9-78	M SNUB	B-K-2 B11.10	R00005679 R00006303			VT-3 VT-4	19930814 19940901	PASS PASS	YES YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
RHRH-R233	RIG HGR	C-E C3. 50	R00005220			VT-3	19930216	PASS	YES			
47A435-1-12	RIG HGR	C-E C3. 50	R00005258			VT-3	19930412	PASS	YES			
74-1RHR-R221	RIG HGR	C-E C3. 50	R00006062			VT-3	19940309	PASS	YES			
74-1RHR-R222	RIG HGR	C-E C3. 50	R00005628			VT-3	19930630	PASS	YES			
74-1RHR-R223	RIG HGR	C-E C3. 50	R00006423			VT-3	19941025	PASS	YES			
74-1RHR-R224	RIG HGR	C-E C3. 50	R00005217			VT-3	19930216	PASS	YES			
74-1RHR-R225	RIG HGR	C-E C3. 50	R00005218			VT-3	19930216	PASS	YES			
74-1RHR-R226	RIG HGR	C-E C3. 50	R00005483			VT-3	19930527	PASS	YES			
74-1RHR-R227	RIG HGR	C-E C3. 50	R00005484			VT-3	19930527	PASS	YES			
74-1RHR-R228	RIG HGR	C-E C3. 50	R00005219			VT-3	19930216	PASS	YES			
74-1RHR-R230	RIG HGR	C-E C3. 50	R00005493			VT-3	19930527	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
74-1RHR-R231	RIG HGR	C-E C3. 50	R00006424			VT-3	19941025	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
1-63-013	VSPRING	C-E C3. 50	R00005986			VT-3	19940211	PASS	YES			
		C-E C3. 60	R00005986			VT-4	19940211	PASS	YES			
1-63-014	M SNUB	C-E C3. 50	R00005501			VT-3	19930602	PASS	YES			
		C-E C3. 60	R00006245			VT-4	19940830	PASS	YES			
1-63-015	RIG HGR	C-E C3. 50	R00006140			VT-3	19940319	PASS	YES			
1-63-016	C FORCE	C-E C3. 50	R00005984			VT-3	19940211	PASS	YES			
		C-E C3. 60	R00005984			VT-4	19940211	PASS	YES			
1-63-017	M SNUB	C-E C3. 50	R00005512			VT-3	19930603	PASS	YES			
		C-E C3. 60	R00006246			VT-4	19940830	PASS	YES			
1-63-018	M SNUB	C-E C3. 50	R00006142			VT-3	19940320	PASS	YES			
		C-E C3. 60	R00006247			VT-4	19940830	PASS	YES			

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1-63-019	M SNUB	C-E C3. 50	R00006248			VT-3	19940830	PASS	YES			
		C-E C3. 60	R00006248			VT-4	19940830	PASS	YES			
1-63-020	VSPRING	C-E C3. 50	R00005985			VT-3	19940211	PASS	YES			
		C-E C3. 60	R00005985			VT-4	19940211	PASS	YES			
1-63-021	M SNUB	C-E C3. 50	R00006022			VT-3	19940223	PASS	YES			
		C-E C3. 60	R00006249			VT-4	19940830	PASS	YES			
1-63-022	M SNUB	C-E C3. 50	R00005511 R00006134			VT-3 VT-3	19930603 19940319	PASS PASS	YES YES			
		C-E C3. 60	R00006250			VT-4	19940830	PASS	YES			
1-63-023	M SNUB	C-E C3. 50	R00005510			VT-3	19930603	PASS	YES			
		C-E C3. 60	R00006251			VT-4	19940830	PASS	YES			
1-63-024	M SNUB	C-E C3. 50	R00005509			VT-3	19930603	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
1-63-024	M SNUB	C-E C3. 60	R00006252			VT-4	19940830	PASS	YES			
1-63-025	RIG HGR	C-E C3. 50	R00005812			VT-3	19931205	PASS	YES			
1-63-026	VSPRING	C-E C3. 50	R00005983			VT-3	19940211	PASS	YES			
		C-E C3. 60	R00005983			VT-4	19940211	PASS	YES			
1-63-027	RIG HGR	C-E C3. 50	R00006136			VT-3	19940319	PASS	YES			
1-63-028	VSPRING	C-E C3. 50	R00005982			VT-3	19940211	PASS	YES			
		C-E C3. 60	R00005982			VT-4	19940211	PASS	YES			
1-63-029	M SNUB	C-E C3. 50	R00006137			VT-3	19940319	PASS	YES			
		C-E C3. 60	R00006253			VT-4	19940830	PASS	YES			
1-63-030	M SNUB	C-E C3. 50	R00006091			VT-3	19940311	PASS	YES			
		C-E C3. 60	R00006254			VT-4	19940830	PASS	YES			

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1-63-031	M SNUB	C-E C3. 50	R00005869			VT-3	19931220	PASS	YES			
		C-E C3. 60	R00006255			VT-4	19940830	PASS	YES			
1-63-032	M SNUB	C-E C3. 50	R00005960			VT-3	19940128	PASS	YES			
		C-E C3. 60	R00006256			VT-4	19940830	PASS	YES			
1-63-033	RIG HGR	C-E C3. 50	R00005517			VT-3	19930603	PASS	YES			

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1-63-001	M SNUB	B-K-2	R00005878			VT-3	19931222	PASS	YES			
		B11.10	R00006242			VT-4	19940830	PASS	YES			
1-63-002	VSPRING	B-K-2	R00005987			VT-3	19940211	PASS	YES			
		B11.10	R00005987			VT-4	19940211	PASS	YES			
1-63-004	RIG HGR	B-K-2	R00005805			VT-3	19931130	PASS	YES			
		B11.10										
1-63-005	RIG HGR	B-K-2	R00005806			VT-3	19931130	PASS	YES			
		B11.10										
1-63-006	RIG HGR	B-K-2	R00005826			VT-3	19931208	PASS	YES			
		B11.10										
1-63-007	RIG HGR	B-K-2	R00005887			VT-3	19940103	PASS	YES			
		B11.10										
1-63-008	M SNUB	B-K-2	R00005825			VT-3	19931208	PASS	YES			
		B11.10	R00006243			VT-4	19940830	PASS	YES			
1-63-010	RIG HGR	B-K-2	R00005723			VT-3	19930928	PASS	YES			
		B11.10										
1-63-011	M SNUB	B-K-2	R00005570			VT-3	19930609	PASS	YES			
		B11.10	R00006244			VT-4	19940830	PASS	YES			
1-63-012	RIG HGR	B-K-2	R00005724			VT-3	19930928	PASS	YES			
		B11.10										
1-63-444	HVSPG 2	B-K-2	R00005980			VT-3	19940211	PASS	YES			
		B11.10										

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1-63-444	HVSPG 2	B-K-2 B11.10	R00005980			VT-4	19940211	PASS	YES			
1-63-451	VSPRING	B-K-2 B11.10	R00005981 R00005981			VT-3 VT-4	19940211 19940211	PASS PASS	YES YES			
1-63-452	M SNUB	B-K-2 B11.10	R00006071 R00006279			VT-3 VT-4	19940307 19940831	PASS PASS	YES YES			
1-63-453	M SNUB	B-K-2 B11.10	R00006097 R00006280			VT-3 VT-4	19940313 19940901	PASS PASS	YES YES			
1-63-454	M SNUB	B-K-2 B11.10	R00006118 R00006281			VT-3 VT-4	19940316 19940901	PASS PASS	YES YES			
1-63-455	RIG HGR	B-K-2 B11.10	R00005745			VT-3	19931006	PASS	YES			
1-63-456	RIG HGR	B-K-2 B11.10	R00005871			VT-3	19931220	PASS	YES			
1-63-458	M SNUB	B-K-2 B11.10	R00005813 R00006282			VT-3 VT-4	19931206 19940901	PASS PASS	YES YES			
1-63-459	M SNUB	B-K-2 B11.10	R00006153 R00006283			VT-3 VT-4	19940324 19940901	PASS PASS	YES YES			
1-63-461	RIG HGR	B-K-2 B11.10	R00005744			VT-3	19931006	PASS	YES			
1-63-462	MSNUB-2	B-K-2 B11.10	R00006106			VT-3	19940315	PASS	YES			

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1-63-462	MSNUB-2	B-K-2 B11.10	R00006284			VT-4	19940901	PASS	YES			
1-63-463	RIG HGR	B-K-2 B11.10	R00005743			VT-3	19931006	PASS	YES			
1-63-464	RIG HGR	B-K-2 B11.10	R00006040			VT-3	19940301	PASS	YES			
1-63-480	M SNUB	B-K-2 B11.10	R00006089 R00006286			VT-3 VT-4	19940311 19940901	PASS PASS	YES YES			
1-63-482	RIG HGR	B-K-2 B11.10	R00005415			VT-3	19930520	PASS	YES			
47A435-7-60	M SNUB	B-K-2 B11.10	R00005971 R00006297			VT-3 VT-4	19940207 19940901	PASS PASS	YES YES			

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1-63-150	RIG HGR	B-K-2 B11.10	R00005428			VT-3	19930521	PASS	YES			
1-63-151	RIG HGR	B-K-2 B11.10	R00005427			VT-3	19930521	PASS	YES			
1-63-152	RIG HGR	B-K-2 B11.10	R00005426			VT-3	19930521	PASS	YES			
1-63-153	RIG HGR	B-K-2 B11.10	R00006034			VT-3	19940225	PASS	YES			
1-63-154	RIG HGR	B-K-2 B11.10	R00005429			VT-3	19930521	PASS	YES			
1-63-155	RIG HGR	B-K-2 B11.10	R00005958			VT-3	19940127	PASS	YES			
1-63-166	RIG HGR	B-K-2 B11.10	R00005433			VT-3	19930521	PASS	YES			
1-63-167	RIG HGR	B-K-2 B11.10	R00005432			VT-3	19930521	PASS	YES			
1-63-168	RIG HGR	B-K-2 B11.10	R00005430			VT-3	19930521	PASS	YES			
1-63-191	RIG HGR	B-K-2 B11.10	R00006174			VT-3	19940331	PASS	YES			
1-63-192	RIG HGR	B-K-2 B11.10	R00005420			VT-3	19930521	PASS	YES			

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1-63-193	RIG HGR	B-K-2 B11.10	R00005421			VT-3	19930521	PASS	YES			
1-63-194	RIG HGR	B-K-2 B11.10	R00005422			VT-3	19930521	PASS	YES			
1-63-195	RIG HGR	B-K-2 B11.10	R00005423			VT-3	19930521	PASS	YES			
1-63-196	M SNUB	B-K-2 B11.10	R00006090 R00006273			VT-3 VT-4	19940311 19940831	PASS PASS	YES YES			
1-63-197	RIG HGR	B-K-2 B11.10	R00005610			VT-3	19930623	PASS	YES			
1-63-198	RIG HGR	B-K-2 B11.10	R00005424			VT-3	19930521	PASS	YES			
1-63-199	RIG HGR	B-K-2 B11.10	R00005425			VT-3	19930521	PASS	YES			
47A435-6-102	M SNUB	B-K-2 B11.10	R00006294 R00006294			VT-3 VT-4	19940901 19940901	PASS PASS	YES YES			
47A435-6-103	M SNUB	B-K-2 B11.10	R00005649 R00006295			VT-3 VT-4	19930707 19940901	PASS PASS	YES YES			

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1-63-093	RIG HGR	B-K-2 B11.10	R00005448			VT-3	19930524	PASS	YES			
1-63-094	M SNUB	B-K-2 B11.10	R00005450 R00006266			VT-3 VT-4	19930524 19940831	PASS PASS	YES YES			
1-63-096	M SNUB	B-K-2 B11.10	R00005452 R00006267			VT-3 VT-4	19930524 19940831	PASS PASS	YES YES			
1-63-097	RIG HGR	B-K-2 B11.10	R00005451			VT-3	19930524	PASS	YES			
1-63-115	RIG HGR	B-K-2 B11.10	R00005444			VT-3	19930524	PASS	YES			
1-63-116	M SNUB	B-K-2 B11.10	R00005942 R00006268			VT-3 VT-4	19940124 19940831	PASS PASS	YES YES			
1-63-117	RIG HGR	B-K-2 B11.10	R00005445			VT-3	19930524	PASS	YES			
1-63-119	RIG HGR	B-K-2 B11.10	R00005446			VT-3	19930524	PASS	YES			
47A435-8-73	RIG HGR	B-K-2 B11.10	R00005447			VT-3	19930524	PASS	YES			
47A435-9-73	RIG HGR	B-K-2 B11.10	R00005449			VT-3	19930524	PASS	YES			

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1-63-038	MSNUB-2	B-K-2	R00006108			VT-3	19940316	PASS	YES			
		B11.10	R00006257			VT-4	19940831	PASS	YES			
1-63-039	M SNUB	B-K-2	R00006123			VT-3	19940316	PASS	YES			
		B11.10	R00006123			VT-4	19940316	PASS	YES			
1-63-283	RIG HGR	B-K-2	R00005472			VT-3	19930526	PASS	YES			
		B11.10	R00005959			VT-3	19940128	PASS	YES			
1-63-284	RIG HGR	B-K-2	R00005470			VT-3	19930526	PASS	YES			
		B11.10										
1-63-288	RIG HGR	B-K-2	R00005408			VT-3	19930519	PASS	YES			
		B11.10										
1-63-328	RIG HGR	B-K-2	R00005476			VT-3	19930526	PASS	YES			
		B11.10										
1-63-329	RIG HGR	B-K-2	R00005478			VT-3	19930526	PASS	YES			
		B11.10										
1-63-442	RIG HGR	B-K-2	R00005475			VT-3	19930526	PASS	YES			
		B11.10										
1-63-465	M SNUB	B-K-2	R00005719			VT-3	19930923	PASS	YES			
		B11.10	R00006285			VT-4	19940901	PASS	YES			
1-74-13	RIG HGR	B-K-2	R00005466			VT-3	19930525	PASS	YES			
		B11.10										
1-74-14	M SNUB	B-K-2	R00006095			VT-3	19940313	PASS	YES			
		B11.10										

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1-74-14	M SNUB	B-K-2 B11.10	R00006234			VT-4	19940830	PASS	YES			
1-74-15	M SNUB	B-K-2 B11.10	R00005469 R00006235			VT-3 VT-4	19930525 19940830	PASS PASS	YES YES			
1-74-17	M SNUB	B-K-2 B11.10	R00005962 R00006236			VT-3 VT-4	19940126 19940830	PASS PASS	YES YES			
1-74-18	RIG HGR	B-K-2 B11.10	R00005468			VT-3	19930525	PASS	YES			
1-74-19	RIG HGR	B-K-2 B11.10	R00005467			VT-3	19930525	PASS	YES			
1-74-21	RIG HGR	B-K-2 B11.10	R00005465			VT-3	19930525	PASS	YES			
1-74-24	RIG HGR	B-K-2 B11.10	R00006031			VT-3	19940224	PASS	YES			
47A435-8-34	HVSPG 2	B-K-2 B11.10	R00006608 R00006608			VT-3 VT-4	19950823 19950823	PASS PASS	YES YES			
47A435-8-35	M SNUB	B-K-2 B11.10	R00005189 R00006298			VT-3 VT-4	19921014 19940901	PASS PASS	YES YES			
47A435-8-36	M SNUB	B-K-2 B11.10	R00005480 R00006299			VT-3 VT-4	19930526 19940901	PASS PASS	YES YES			
47A435-8-37	RIG HGR	B-K-2 B11.10	R00005481			VT-3	19930526	PASS	YES			

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47A435-8-38	M SNUB	B-K-2	R00005479			VT-3	19930526	PASS	YES			
		B11.10	R00006300			VT-4	19940901	PASS	YES			
47A435-8-39	RIG HGR	B-K-2	R00005482			VT-3	19930526	PASS	YES			
		B11.10										
47A435-8-40	M SNUB	B-K-2	R00005474			VT-3	19930526	PASS	YES			
		B11.10	R00006301			VT-4	19940901	PASS	YES			

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1-63-175	RIG HGR	B-K-2 B11.10	R00005505			VT-3	19930602	PASS	YES			
1-63-176	RIG HGR	B-K-2 B11.10	R00005504			VT-3	19930602	PASS	YES			
1-63-177	RIG HGR	B-K-2 B11.10	R00005956			VT-3	19940126	PASS	YES			
1-63-178	RIG HGR	B-K-2 B11.10	R00005497			VT-3	19930528	PASS	YES			
1-63-179	RIG HGR	B-K-2 B11.10	R00005496			VT-3	19930528	PASS	YES			
1-63-180	RIG HGR	B-K-2 B11.10	R00005495			VT-3	19930528	PASS	YES			
1-63-181	RIG HGR	B-K-2 B11.10	R00005499			VT-3	19930601	PASS	YES			
1-63-182	RIG HGR	B-K-2 B11.10	R00005500			VT-3	19930601	PASS	YES			
1-63-183	RIG HGR	B-K-2 B11.10	R00005485			VT-3	19930527	PASS	YES			
1-63-184	RIG HGR	B-K-2 B11.10	R00005486			VT-3	19930527	PASS	YES			
1-63-185	M SNUB	B-K-2 B11.10	R00006172			VT-3	19940331	PASS	YES			

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1-63-185	M SNUB	B-K-2 B11.10	R00006271			VT-4	19940831	PASS	YES			
1-63-186	RIG HGR	B-K-2 B11.10	R00005490			VT-3	19930528	PASS	YES			
1-63-187	M SNUB	B-K-2 B11.10	R00006463 R00006463			VT-3 VT-4	19950127 19950127	PASS PASS	YES YES			
1-63-189	RIG HGR	B-K-2 B11.10	R00005491			VT-3	19930528	PASS	YES			
1-63-520	M SNUB	B-K-2 B11.10	R00006053 R00006287			VT-3 VT-4	19940303 19940901	PASS PASS	YES YES			
1-63-521	RIG HGR	B-K-2 B11.10	R00005952			VT-3	19940125	PASS	YES			
1-63-522	RIG HGR	B-K-2 B11.10	R00005487			VT-3	19930527	PASS	YES			
1-63-523	M SNUB	B-K-2 B11.10	R00005263 R00006288			VT-3 VT-4	19930414 19940901	PASS PASS	YES YES			
1-63-524	RIG HGR	B-K-2 B11.10	R00006105			VT-3	19940315	PASS	YES			
1-63-525	RIG HGR	B-K-2 B11.10	R00005951			VT-3	19940125	PASS	YES			
1-63-526	M SNUB	B-K-2 B11.10	R00005742			VT-3	19931006	PASS	YES			

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1-63-526	M SNUB	B-K-2 B11.10	R00006289			VT-4	19940901	PASS	YES			
47A435-6-099	RIG HGR	B-K-2 B11.10	R00005539			VT-3	19930601	PASS	YES			

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SIH-212	RIG HGR	B-K-2 B11.10	R00005554			VT-3	19930608	PASS	YES			
SIH-213	RIG HGR	B-K-2 B11.10	R00005553			VT-3	19930608	PASS	YES			
SIH-214	RIG HGR	B-K-2 B11.10	R00006276			VT-3	19940831	PASS	YES			
SIH-215	RIG HGR	B-K-2 B11.10	R00005552			VT-3	19930608	PASS	YES			
SIH-216	RIG HGR	B-K-2 B11.10	R00005551			VT-3	19930608	PASS	YES			
SIH-217	RIG HGR	B-K-2 B11.10	R00005550			VT-3	19930608	PASS	YES			
SIH-218	RIG HGR	B-K-2 B11.10	R00005549			VT-3	19930608	PASS	YES			
SIH-219	RIG HGR	B-K-2 B11.10	R00005554A			VT-3	19930608	PASS	YES			
SIH-220	RIG HGR	B-K-2 B11.10	R00005555			VT-3	19930608	PASS	YES			
SIH-221	RIG HGR	B-K-2 B11.10	R00005556			VT-3	19930608	PASS	YES			
SIH-222	RIG HGR	B-K-2 B11.10	R00006173			VT-3	19940331	PASS	YES			

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SIH-223	RIG HGR	B-K-2 B11.10	R00005557			VT-3	19930608	PASS	YES			
SIH-224	M SNUB	B-K-2 B11.10	R00005945 R00006277			VT-3 VT-4	19940124 19940831	PASS PASS	YES YES			
SIH-225	RIG HGR	B-K-2 B11.10	R00005558			VT-3	19930608	PASS	YES			
SIH-226	RIG HGR	B-K-2 B11.10	R00005526			VT-3	19930603	PASS	YES			
SIH-227	RIG HGR	B-K-2 B11.10	R00006008			VT-3	19940216	PASS	YES			
SIH-228	M SNUB	B-K-2 B11.10	R00005944 R00006278			VT-3 VT-4	19940124 19940831	PASS PASS	YES YES			
SIH-546	RIG HGR	B-K-2 B11.10	R00005529			VT-3	19930603	PASS	YES			
SIH-547	M SNUB	B-K-2 B11.10	R00005560 R00006290			VT-3 VT-4	19930608 19940901	PASS PASS	YES YES			
SIH-548	M SNUB	B-K-2 B11.10	R00005955 R00006291			VT-3 VT-4	19940125 19940901	PASS PASS	YES YES			
SIH-549	M SNUB	B-K-2 B11.10	R00005528 R00006292			VT-3 VT-4	19930603 19940901	PASS PASS	YES YES			
SIH-550	RIG HGR	B-K-2 B11.10	R00005530			VT-3	19930603	PASS	YES			

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TENNESSEE VALLEY AUTHORITY
WATTS BAR NUCLEAR POWER PLANT - UNIT 1
ISI DATA BASE
POST OUTAGE EXAMINATION RESULTS REPORT
EXAM REQUIREMENT : P03-01 CYCLE : 00
INTERVAL : 00 PERIOD : 3

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SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : ISI-0021-C SHEET : 12

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIH-553	VSPRING	B-K-2	R00006597			VT-3	19950606	PASS	YES			
		B11.10	R00006597			VT-4	19950606	PASS	YES			

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TENNESSEE VALLEY AUTHORITY
WATTS BAR NUCLEAR POWER PLANT - UNIT 1
ISI DATA BASE
POST OUTAGE EXAMINATION RESULTS REPORT
EXAM REQUIREMENT : P03-01 CYCLE : 00
INTERVAL : 00 PERIOD : 3

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SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : ISI-0021-C SHEET : 13

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIH-156	M SNUB	B-K-2	R00006269			VT-3	19941013	PASS	YES			
		B11.10	R00006269			VT-4	19940831	PASS	YES			
SIH-157	RIG HGR	B-K-2	R00005580			VT-3	19930610	PASS	YES			
		B11.10										
SIH-158	RIG HGR	B-K-2	R00006175			VT-3	19940331	PASS	YES			
		B11.10										
SIH-159	RIG HGR	B-K-2	R00006397			VT-3	19941011	PASS	YES			
		B11.10										
SIH-162	RIG HGR	B-K-2	R00005278			VT-3	19930419	PASS	YES			
		B11.10										
SIH-164	M SNUB	B-K-2	R00005950			VT-3	19940125	PASS	YES			
		B11.10	R00006270			VT-4	19940831	PASS	YES			
SIH-165	VSPRING	B-K-2	R00006156			VT-3	19940324	PASS	YES			
		B11.10	R00006156			VT-4	19940324	PASS	YES			
SIH-200	RIG HGR	B-K-2	R00005521A			VT-3	19930603	PASS	YES			
		B11.10										
SIH-201	RIG HGR	B-K-2	R00006088			VT-3	19940311	PASS	YES			
		B11.10										
SIH-202	M SNUB	B-K-2	R00005522			VT-3	19930603	PASS	YES			
		B11.10	R00006274			VT-4	19940831	PASS	YES			
SIH-203	RIG HGR	B-K-2	R00005524			VT-3	19930603	PASS	YES			
		B11.10										

SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : ISI-0021-C SHEET : 13

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIH-204	RIG HGR	B-K-2 B11.10	R00005521			VT-3	19930603	PASS	YES			
SIH-205	RIG HGR	B-K-2 B11.10	R00005520			VT-3	19930603	PASS	YES			
SIH-206	RIG HGR	B-K-2 B11.10	R00006154			VT-3	19940324	PASS	YES			
SIH-209	RIG HGR	B-K-2 B11.10	R00005519			VT-3	19930623	PASS	YES			
SIH-211	VSPRING	B-K-2 B11.10	R00006275			VT-3	19940830	PASS	YES			
			R00006275			VT-4	19940830	PASS	YES			
SIH-545	RIG HGR	B-K-2 B11.10	R00005523			VT-3	19930603	PASS	YES			
47A435-6-108	M SNUB	B-K-2 B11.10	R00006029			VT-3	19940224	PASS	YES			
			R00006296			VT-4	19940901	PASS	YES			
47A435-6-110	RIG HGR	B-K-2 B11.10	R00005966			VT-3	19940202	PASS	YES			

SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : ISI-0053-B SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
BITMWCB-01	MW BLTG	C-D C4.10	R00002915	C00000566	WB-45	UT-0	19830824	PASS	YES			
BITMWCB-02	MW BLTG	C-D C4.10	R00002916	C00000566	WB-45	UT-0	19830824	PASS	YES			
BITMWCB-03	MW BLTG	C-D C4.10	R00002917	C00000566	WB-45	UT-0	19830824	PASS	YES			
BITMWCB-04	MW BLTG	C-D C4.10	R00002918	C00000566	WB-45	UT-0	19830824	PASS	YES			
BITMWCB-05	MW BLTG	C-D C4.10	R00002919	C00000566	WB-45	UT-0	19830824	PASS	YES			
BITMWCB-06	MW BLTG	C-D C4.10	R00002920	C00000566	WB-45	UT-0	19830824	PASS	YES			
BITMWCB-07	MW BLTG	C-D C4.10	R00002921	C00000566	WB-45	UT-0	19830824	PASS	YES			
BITMWCB-08	MW BLTG	C-D C4.10	R00002922	C00000566	WB-45	UT-0	19830824	PASS	YES			
BITMWCB-09	MW BLTG	C-D C4.10	R00002923	C00000566	WB-45	UT-0	19830824	PASS	YES			
BITMWCB-10	MW BLTG	C-D C4.10	R00002924	C00000566	WB-45	UT-0	19830824	PASS	YES			
BITMWCB-11	MW BLTG	C-D C4.10	R00002925	C00000566	WB-45	UT-0	19830824	PASS	YES			

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TENNESSEE VALLEY AUTHORITY
WATTS BAR NUCLEAR POWER PLANT - UNIT 1
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SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : ISI-0053-B SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
BITMWCB-12	MW BLTG	C-D C4.10	R00002926	C00000566	WB-45	UT-0	19830824	PASS	YES			
BITMWCB-13	MW BLTG	C-D C4.10	R00002927	C00000566	WB-45	UT-0	19830824	PASS	YES			
BITMWCB-14	MW BLTG	C-D C4.10	R00002928	C00000566	WB-45	UT-0	19830824	PASS	YES			
BITMWCB-15	MW BLTG	C-D C4.10	R00002929	C00000566	WB-45	UT-0	19830824	PASS	YES			
BITMWCB-16	MW BLTG	C-D C4.10	R00002930	C00000566	WB-45	UT-0	19830824	PASS	YES			

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TENNESSEE VALLEY AUTHORITY
WATTS BAR NUCLEAR POWER PLANT - UNIT 1
ISI DATA BASE
POST OUTAGE EXAMINATION RESULTS REPORT
EXAM REQUIREMENT : P03-01 CYCLE : 00
INTERVAL : 00 PERIOD : 3

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SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : ISI-0120-A SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIPH-1A-A	PMP SUP	C-E C3. 80	R00003100			VT-3	19831020	PASS	YES			
SIPH-1B-B	PMP SUP	C-E C3. 80	R00003099			VT-3	19831020	PASS	YES			

OWNER: TENNESSEE VALLEY AUTHORITY OFFICE OF NUCLEAR POWER 1101 MARKET STREET CHATTANOOGA, TENNESSEE 37402	PLANT: WATTS BAR NUCLEAR PLANT PO BOX 800 SPRING CITY, TN 37381
UNIT: ONE	CERTIFICATE OF AUTHORIZATION: N, NA, NPT
COMMERCIAL SERVICE DATE: 1996	
NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED.	

APPENDIX VI

NOTIFICATION OF INDICATIONS (NOI's)

OWNER: TENNESSEE VALLEY AUTHORITY OFFICE OF NUCLEAR POWER 1101 MARKET STREET CHATTANOOGA, TENNESSEE 37402	PLANT: WATTS BAR NUCLEAR PLANT PO BOX 800 SPRING CITY, TN 37381
UNIT: ONE	CERTIFICATE OF AUTHORIZATION: N, NA, NPT
COMMERCIAL SERVICE DATE: 1996	
NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED.	

Surface, visual, and volumetric indications detected during the performance of preservice examinations for the Watts Bar Nuclear Plant Unit 1/Cycle 0 PSI were evaluated in accordance with approved written procedures. Generally, examination results yielded either No Recordable Indications (NRI) or Recordable Indications.

Recordable Indications were evaluated to determine their origin. Indications determined to be of a geometric, metallurgical, or similar origin were typically dispositioned as non-relevant. Indications determined to be of a non-geometric, non-metallurgical, or similar origin were typically dispositioned as relevant. Such indications required additional measures such as further evaluation in accordance with ASME Section XI acceptance standards, engineering analysis, repair, or replacement. This evaluation was documented on a Notification of Indication (NOI) form.

All NOI's were dispositioned in accordance with WBN site procedures by the responsible Nuclear Engineering (NE) organization. The NOI's that required repair or replacement and are in the Section XI program were re-examined per approved NDE procedures. The NDE examination that closed the NOI may be used as the PSI baseline examination for code credit.

Table 1 contains those NOI's that are being included in the component examination for code credit.

OWNER: TENNESSEE VALLEY AUTHORITY
OFFICE OF NUCLEAR POWER
1101 MARKET STREET
CHATTANOOGA, TENNESSEE 37402

PLANT: WATTS BAR NUCLEAR PLANT
PO BOX 800
SPRING CITY, TN 37381

UNIT: ONE

CERTIFICATE OF AUTHORIZATION: N, NA, NPT

COMMERCIAL SERVICE DATE: 1996

NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED.

Table 1

NOTIFICATION OF INDICATIONS NOI'S WATTS BAR UNIT 1

NOI NO	SYSTEM	COMPONENT NO.	METHOD
R-0002	CVCS	62-638-BC	VT
R-0003	CVCS	62-659-BC	VT
R-0004	CVCS	62-640-BC	VT
R-0009	CVCS	62-660-BC	VT
R-0017	RX	RCS-1-6	PT
R-0018	RX	RCS-3-6	PT
R-0019	RX	RCS-2-6	PT
R-0023	RCS	RCF-B-T003-10	PT
R-0024	RCS	RCF-B-T004-08	PT
R-0025	RCS	RCF-B-T004-10	PT
R-0026	RCS	RCF-B-T002-04	PT
R-0030	SIS	SIF-B-T113-18	PT
R-0031	SIS	SIF-B-T029-17	PT
R-0033	SIS	SIF-B-T026-06	PT
R-0034	CVCS	CVCF-B-T217-10	PT
R-0035	CVCS	CVCF-B-T217-12A	PT
R-0036	CVCS	CVCF-B-T217-17	PT
R-0037	CVCS	CVCF-B-T183-11	PT
R-0039	CVCS	CVCF-B-T183-03	VT
R-0042	S/G	SG-6B-7-4	UT
R-0043	S/G	SG-6B-7-4	UT
R-0047	RV	UPIAH-3-D	PT
R-0062	S/G	SG-6B-7-4	MT
R-0065	PZR	WP-02	UT
R-0078	RX	RCF-D2-2	PT
R-0081	RX	RCF-F4-1	PT
R-0082	SIS	SIF-B-T028-04	PT
R-0083	SIS	SIF-B-T028-03	PT
R-0115	CVCS	CVCS-012	PT
R-0128	CVC	CVCF-D036-08A	PT
R-0134	RHRS	RHRHX-1-1B	PT
R-0135	RHRS	RHRHX-2-1A	PT
R-0136	S/G	RCF-D5-2-SE	PT
R-0137	S/G	RCF-D1-2-SE	PT

OWNER: TENNESSEE VALLEY AUTHORITY OFFICE OF NUCLEAR POWER 1101 MARKET STREET CHATTANOOGA, TENNESSEE 37402	PLANT: WATTS BAR NUCLEAR PLANT PO BOX 800 SPRING CITY, TN 37381
UNIT: ONE	CERTIFICATE OF AUTHORIZATION: N, NA, NPT
COMMERCIAL SERVICE DATE: 1996	
NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED.	

Table 1 (cont.)

NOTIFICATION OF INDICATIONS NOI'S WATTS BAR UNIT 1

NOI NO.	SYSTEM	COMPONENT NO.	METHOD
R-0141	S/G	RCF-D4-2-SE	PT
R-0151	SIS	SIF-B-T113-02	PT
R-0152	SIS	SIF-B-T113-07	PT
R-0174	FWS	MSVS-03-656	MT
R-0175	FWS	MSVS-03-669	MT
R-0181	RV	RVCSUPST	VT
R-0183	RV	RVINT	VT
R-0185	RV	RVCSUPST	VT
R-0186	RV	RVCSUPST	VT
R-0192	CVCS	CVCW-02B	PT
R-0336	SIS	SI-03 -BC	VT
R-0338	SIS	SI-05-BC	VT
R-0339	SIS	SI-04-BC	VT
R-0341	RCS	RC-01-BC	VT
R-0360	RX	RCS-2-6	PT
R-0361	SIS	63-581-BC	VT
R-0368	RV	RVCSUPST	VT
R-0400	RX	RCS-2-3	PT
R-0402	RHRS	1-63-353-IA	PT
R-0403	RHRS	1-63-ISIS-V139	VT
CAR-78-02	RCS	1-RCP-3-INT.	VT

OWNER: TENNESSEE VALLEY AUTHORITY OFFICE OF NUCLEAR POWER 1101 MARKET STREET CHATTANOOGA, TENNESSEE 37402	PLANT: WATTS BAR NUCLEAR PLANT PO BOX 800 SPRING CITY, TN 37381
UNIT: ONE	CERTIFICATE OF AUTHORIZATION: N, NA, NPT
COMMERCIAL SERVICE DATE: 1996	
NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED.	

APPENDIX VII

AUGMENTED EXAMINATION SUMMARY

OWNER: TENNESSEE VALLEY AUTHORITY OFFICE OF NUCLEAR POWER 1101 MARKET STREET CHATTANOOGA, TENNESSEE 37402	PLANT: WATTS BAR NUCLEAR PLANT PO BOX 800 SPRING CITY, TN 37381
UNIT: ONE	CERTIFICATE OF AUTHORIZATION: N, NA, NPT
COMMERCIAL SERVICE DATE: 1996	
NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED.	

This section includes augmented examinations performed to comply with the NRC or TVA self-imposed requirements. Typical sources include generic letters, IE Bulletins, technical specifications, vendor recommendations, and industry experience. The specific augmented examinations that are being included in this NIS-1 report are outlined in TI-50A and include steam generator tubes, Safety Injection System Piping Welds to the Accumulators and Class 2 Piping Examinations examined to the 1983 Edition, Winter 1983 Addenda of ASME Section XI.

The steam generator tubes are listed under examination requirement B01-01. The PSI for the tubes was performed in accordance with Appendix IV of the 1974 Edition, Summer 1976 Addenda of Section XI and Regulatory Guide 1.83, Revision 1.

There are 8 welds that fall under examination category P03-01 that are augmented. These safety injection welds were added due to design optional upgrading of the accumulator tanks and associated piping from class 3 to class 2. These welds however will not be in the ISI program due to an exemption for statically pressurized passive safety injection systems such as accumulator tanks and associated piping and valves in the 1989 Edition of Section XI.

The welds augmented examined to the 1983 Edition, Winter 1983 Addenda of Section XI includes Residual Heat Removal System piping welds, Emergency Core Cooling System piping welds and Containment Heat Removal System piping welds. These welds are included as examination requirement P05-01. Examination selection criteria and exemption criteria for these welds is in accordance with the 1983 Edition, Winter 1983 Addenda of ASME Section XI. These welds are included as part of the NIS-1 report for Preservice Inspection due to the Code of Record to be adopted for Inservice Examination. The Code of Record for WBN is ASME Section XI 1974 Edition with Summer 1975 Addenda. Examination of the subject welds was not required by the Code of Record. The Code for Inservice Inspection will be the 1989 Edition of ASME Section XI. Examination of the subject welds will be required by the later Code edition and to meet the requirements of the Inservice Inspection program. TVA performed the NDE PSI on these welds as augmented examinations until the ISI program is put into effect.

In addition, the pipe-to-feedwater nozzle welds not required for preservice examination, were voluntarily examined. The examination requirement for these welds is V03-01.

The following scan plan printout summarizes the augmented examinations performed during the Unit 1/Cycle 0 PSI.

REFERENCE KEY	DESCRIPTION
B01-01	AUGMENTED EXAMINATIONS OF STEAM GENERATOR TUBING : B01-01 EXAMINATION OF SG TUBING FOR AUGMENTED REQUIREMENTS CATEGORY B-Q ITEMNO B16.20 SG TUBING AUGMENTED EXAMINATION STATUS REPORT SG TUBING : B01-01
P01-01	COMPONENT LISTING AND ISI 10 YEAR PLAN : P01-01 ASME SECTION XI, 1974 EDITION THRU SUMMER 1975 THE 1974, SUMMER 1975 ADDENDA ASME SECTION XI PRESERVICE EXAMINATION PROGRAM STATUS REPORT:P01-01
P02-01	COMPONENT LISTING AND ISI 10 YEAR PLAN : P02-01 ASME SECTION XI, 1974 EDITION THRU SUMMER 1976 THE 1974, SUMMER 1976 ADDENDA ASME SECTION XI PRESERVICE EXAMINATION PROGRAM STATUS REPORT : P02-01
P03-01	COMPONENT LISTING AND ISI 10 YEAR PLAN : P03-01 ASME SECTION XI, 1977 EDITION THRU SUMMER 1978 THE 1977, SUMMER 1978 EDITION OF ASMSE SECTION XI PRESERVICE EXAMINATION PROGRAM STATUS REPORT : P03-01
P04-01	COMPONENT LISTING AND ISI 10 YEAR PLAN : P04-01 ASME SECTION XI, 1980 EDITION THRU 1981 ASME SECTION XI THE 1980, WINTER 1981 EDITION OF ASME SECTION XI PRESERVICE EXAMINATION PROGRAM STATUS REPORT : P04-01
P05-01	COMPONENT LISTING AND ISI 10 YEAR PLAN : P05-01 ASME SECTION XI, 1986 EDITION FOR PRE-SERVICE EXAMS THE 1986 EDITION OF ASME SECTION XI, PSI EXAMS PRE-SERVICE EXAMINATION PROGRAM STATUS REPORT : P05-01

REFERENCE KEY	DESCRIPTION
V01-01	VOLUNTARY EXAM COMPONENT LISTING : V01-01 ASME SECTION XI, 1974 EDITION THROUGH AND INCLUDING SUMMER 1975 ADDENDA, INTERVAL 01 ONLY THIS PROGRAM CORRESPONDS TO EXAM REQUIREMENTS OF P01-01
V03-01	VOLUNTARY EXAM COMPONENT LISTING : V03-01 ASME SECTION XI, 1977 EDITION THROUGH AND INCLUDING THE SUMMER 1978 ADDENDA, INTERVAL 01 ONLY THIS PROGRAM CORRESPONDS TO EXAM REQUIREMENTS OF P03-01

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SYSTEM : SG RCS STEAM GENERATOR - 068
ISOMETRIC NUMBER : NON-AVAIL SHEET :

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SG-1-TUBING	VES TUB	B-Q B16.20	R00009903		Z-1590	ET	19930224	PASS	YES			
SG-2-TUBING	VES TUB	B-Q B16.20	R00009904		Z-1590	ET	19930224	PASS	YES			
SG-3-TUBING	VES TUB	B-Q B16.20	R00009905		Z-1590	ET	19930224	PASS	YES			
SG-4-TUBING	VES TUB	B-Q B16.20	R00009906		Z-1590	ET	19930224	PASS	YES			

SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : CHM-2758-C SHEET : 14

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIF-D089-13	PIPE -PIPE	C-F C5.11	R00008982			PT	19921119	PASS	YES			
SIF-D090-16	PIPE -ELBOW	C-F C5.11	R00008983			PT	19921001	PASS	YES			
SIF-D091-09	ELBOW -VALVE	C-F C5.21	R00008988			PT	19920908	PASS	YES			
			R00008989	C00000991	WB-33	UT-45	19921008	PASS	YES			
			R00008989	C00000992	WB-33	UT-60L	19921008	PASS	YES			
SIF-D091-10	PIPE -ELBOW	C-F C5.11	R00008984			PT	19921110	PASS	YES			
SIF-D091-10-LS	ELBSEAM	C-F C5.22	R00008986			PT	19921123	PASS	YES			
SIF-D092-02	PIPE -VALVE	C-F C5.21	R00008990			PT	19921001	PASS	YES			
			R00008991	C00000989	WB-33	UT-45	19921027	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00008991	C00000990	WB-33	UT-45L	19921027	PASS	YES			
SIS-096A	PIPE -ELBOW	C-F C5.11	R00008985			PT	19921001	PASS	YES			
SIW-13	BR CONN -PIPE	C-F C5.21	R00008992			PT	19921209	PASS	YES			
			R00008993	C00001162	BF-46	UT-45	19930217	PASS	YES			
			R00008993	C00001163	BF-46	UT-45L	19930217	PASS	YES			

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SYSTEM : CSS CONTAINMENT SPRAY SYSTEM - 072
ISOMETRIC NUMBER : ISI-0375-C SHEET : 43

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
CSS-SKE2879-789-B	REDUCER -PIPE	C-F-1 C5.41	R00006538			PT	19950414	PASS	YES			
CSS-SKE2879-791-C	REDUCER -PIPE	C-F-1 C5.41	R00006536			PT	19950414	PASS	YES			
CVCF-A-T051-02	PIPE -ELBOW	C-F-1 C5.30	R00006537			PT	19950414	PASS	YES			
CVCF-A-T051-20	PIPE -ELBOW	C-F-1 C5.30	R00006539			PT	19950414	PASS	YES			

SYSTEM : CSS CONTAINMENT SPRAY SYSTEM - 072
ISOMETRIC NUMBER : ISI-0400-C SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
CSF-D058-09	PIPE	C-F-1	R00009522			PT	19921021	PASS	YES			
	-PIPE	C5.11	R00009523	C00001190	WB-67	UT-45	19930108	PASS	YES			
CSS-056	PIPE	C-F-1	R00009524			PT	19921015	PASS	YES			
	-ELBOW	C5.11	R00009525	C00001190	WB-67	UT-45	19930108	PASS	YES			
CSS-057	ELBOW	C-F-1	R00006573			PT	19950504	PASS	YES			
	-REDUCER	C5.11	R00006583	C00001304	WB-67	UT-45	19950512	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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CSF-D056-02	VALVE	C-F-1	R00009542			PT	19921029	PASS	YES			
	-PIPE	C5.11	R00009543	C00001186	WB-41	UT-45	19921029	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009543	C00001187	WB-41	UT-60L	19921029	PASS	YES			
CSF-D056-04	FL HEAD	C-F-1	R00006565			PT	19950502	PASS	YES			
	-ELBOW	C5.11	R00006575	C00001300		UT-CRP	19950504	PASS	YES			
			R00006575	C00001296	WB-41	UT-45	19950503	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00006575	C00001297	WB-41	UT-45L	19950503	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00006575	C00001298	WB-41	UT-60	19950504	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00006575	C00001299	WB-41	UT-70	19950504	PASS	YES		GEOMETRIC	NON-RELEVANT
CSF-D056-07	VALVE	C-F-1	R00009532			PT	19921007	PASS	YES			
	-ELBOW	C5.11	R00009533	C00001193	WB-41	UT-45	19921021	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009533	C00001194	WB-41	UT-60L	19921021	PASS	YES		GEOMETRIC	NON-RELEVANT
CSS-011	PIPE	C-F-1	R00009540			PT	19921019	PASS	YES			
	-ELBOW	C5.11	R00009541	C00000946	WB-41	UT-45	19921102	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
CSS-014	PIPE	C-F-1	R00009538			PT	19930126	PASS	YES			
	-REDUCER	C5.11	R00009539	C00001184	WB-41	UT-45	19930126	PASS	YES			
CSS-015	REDUCER	C-F-1	R00009536			PT	19921019	PASS	YES			
	-ELBOW	C5.11	R00009537	C00001191	WB-68	UT-45	19930107	PASS	YES			
CSS-022	PIPE	C-F-1	R00006571			PT	19950504	PASS	YES			
	-REDUCER	C5.11										

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CSS-022	PIPE	C-F-1	R00006581	C00001302	WB-68	UT-45	19950511	PASS	YES		GEOMETRIC	NON-RELEVANT
	-REDUCER	C5.11									GEOMETRIC	NON-RELEVANT
			R00006581	C00001303	WB-68	UT-60	19950511	PASS	YES		GEOMETRIC	NON-RELEVANT
CSS-025	ELBOW	C-F-1	R00009534			PT	19921019	PASS	YES			
	-PIPE	C5.11	R00009535	C00001197	BNP-32	UT-45	19921022	PASS	YES		GEOMETRIC	NON-RELEVANT
CSS-027	PIPE	C-F-1	R00006572			PT	19950504	PASS	YES			
	-FLG	C5.11	R00006580	C00001301	BNP-32	UT-45	19950510	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
CSF-D057-04A	ELBOW	C-F-1	R00009574			PT	19921124	PASS	YES			
	-PIPE	C5.11	R00009575	C00001189	WB-41	UT-45	19930423	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
CSF-D057-11R	ELBOW	C-F-1	R00009564			PT	19921007	PASS	YES			
	-ELBOW	C5.11	R00009565	C00001198	BNP-32	UT-45	19921027	PASS	YES		GEOMETRIC	NON-RELEVANT
CSS-036	ELBOW	C-F-1	R00009566			PT	19930114	PASS	YES			
	-PIPE	C5.11	R00009567	C00001164	WB-41	UT-45	19930118	PASS	YES			
			R00009567	C00001165	WB-41	UT-45	19930118	PASS	YES			
CSS-038	ELBOW	C-F-1	R00009568			PT	19921019	PASS	YES			
	-PIPE	C5.11	R00009569	C00001195	WB-41	UT-45	19921022	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
CSS-040	ELBOW	C-F-1	R00009570			PT	19921019	PASS	YES			
	-PIPE	C5.11	R00009571	C00001195	WB-41	UT-45	19921022	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
CSS-041	REDUCER	C-F-1	R00009572			PT	19930122	PASS	YES			
	-ELBOW	C5.11	R00009573	C00001185	WB-68	UT-45	19930122	PASS	YES			
CSS-045	FLG	C-F-1	R00009562			PT	19921019	PASS	YES			
	-PIPE	C5.11	R00009563	C00001191	WB-68	UT-45	19930107	PASS	YES		GEOMETRIC	NON-RELEVANT

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CVCF-D020-01	VALVE	C-F-1	R00009709			PT	19930203	PASS	YES			
	-PIPE	C5.21	R00009710	C00001149	WB-64	UT-45	19930203	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009710	C00001211	WB-64	UT-60	19930208	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009710	C00001212	WB-64	UT-60L	19930208	PASS	YES			
CVCF-D020-03F	ELBOW	C-F-1	R00009711			PT	19921103	PASS	YES			
	-PIPE	C5.21	R00009712	C00000981	BNP-12	UT-45	19921118	PASS	YES			
CVCS-226	ELBOW	C-F-1	R00009713			PT	19921103	PASS	YES			
	-PIPE	C5.21	R00009714	C00000981	BNP-12	UT-45	19921118	PASS	YES			

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SYSTEM : CVCS CHEMICAL & VOLUME CONTROL SYSTEM - 062
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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
CVCF-D102-06A	PIPE	C-F-1	R00009723			PT	19930104	PASS	YES			
	-ELBOW	C5.21	R00009724	C00001203	WB-62	UT-45	19930203	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
CVCS-221	ELBOW	C-F-1	R00009721			PT	19930104	PASS	YES			
	-PIPE	C5.21	R00009722	C00001213	WB-62	UT-45	19930208	PASS	YES		GEOMETRIC	NON-RELEVANT
CVCS-224	PIPE	C-F-1	R00006551			PT	19950425	PASS	YES			
	-PIPE	C5.41										

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIF-D074-01E	ELBOW	C-F-1	R00009729			PT	19921104	PASS	YES			
	-PIPE	C5.21	R00009730	C00000999	WB-40	UT-45	19921105	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00009730	C00001000	WB-40	UT-45	19921105	PASS	YES			
SIF-D074-06	ELBOW	C-F-1	R00008994			PT	19930106	PASS	YES			
	-VES NOZ	C5.11	R00008995	C00000988	WB-01	UT-45	19930108	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIF-D074-07	VES NOZ	C-F-1	R00008996			PT	19930106	PASS	YES			
	-REDUCER	C5.11	R00008997	C00000988	WB-01	UT-45	19930108	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIF-D086-02	PIPE	C-F-1	R00009735			PT	19921202	PASS	YES			
	-VALVE	C5.21	R00009736	C00000993	WB-11	UT-45	19930106	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009736	C00000994	WB-11	UT-60L	19930106	PASS	YES			
SIS-162	REDUCER	C-F-1	R00008998			PT	19930106	PASS	YES			
	-ELBOW	C5.11	R00008999	C00000988	WB-01	UT-45	19930108	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIS-228	PIPE	C-F-1	R00009731			PT	19921208	PASS	YES			
	-REDUCER	C5.21	R00009732	C00001009	WB-40	UT-45	19921221	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIS-238	PIPE	C-F-1	R00009733			PT	19921215	PASS	YES			
	-TEE	C5.21	R00009734	C00001009	WB-40	UT-45	19921221	PASS	YES			
			R00009734	C00001010	WB-40	UT-60L	19921221	PASS	YES			

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CVCF-D024-01C	AL BEAD	C-F-1	R00009737			PT	19921103	PASS	YES			
		C5.21	R00009738	C00001157	WB-40	UT-45	19921104	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00009738	C00001158	WB-40	UT-45	19921104	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00009738	C00001159	WB-40	UT-45	19921104	PASS	YES			
CVCF-D024-01D	AL BEAD	C-F-1	R00009745			PT	19930106	PASS	YES			
		C5.21	R00009746	C00001155	WB-40	UT-45	19930108	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009746	C00001156	WB-40	UT-45L	19930108	PASS	YES		GEOMETRIC	NON-RELEVANT
CVCF-D024-06	TEE	C-F-1	R00009741			PT	19921103	PASS	YES			
	-PIPE	C5.21	R00009742	C00001159	WB-40	UT-45	19921104	PASS	YES			
			R00009742	C00001160	WB-40	UT-45	19921104	PASS	YES			
			R00009742	C00001161	WB-40	UT-60L	19921104	PASS	YES		GEOMETRIC	NON-RELEVANT
CVCF-D024-23A	ELBOW	C-F-1	R00009743			PT	19921103	PASS	YES			
	-PIPE	C5.21	R00009744	C00000993	WB-11	UT-45	19930106	PASS	YES		GEOMETRIC	NON-RELEVANT
											MODE CONVERS	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
CVCS-200	BOSS	C-F-1	R00009747			PT	19921103	PASS	YES			
	-BR CONN	C5.41										
CVCS-201	TEE	C-F-1	R00009739			PT	19930203	PASS	YES			
	-FLG	C5.21	R00009740	C00001207	WB-40	UT-45	19930203	PASS	YES		GEOMETRIC	NON-RELEVANT

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CVCF-A-T091-06	PIPE -TEE	C-F-1 C5.30	R00009750			PT	19921103	PASS	YES			
CVCF-A-T091-15	PIPE -REDUCER	C-F-1 C5.21	R00009748			PT	19921103	PASS	YES			
			R00009749	C00001001	WB-06	UT-45	19921116	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009749	C00001002	WB-06	UT-45	19921116	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009749	C00001003	WB-06	UT-60L	19921116	PASS	YES		GEOMETRIC	NON-RELEVANT
CVCF-A-T134-04	PIPE -ELBOW	C-F-1 C5.30	R00009751			PT	19921103	PASS	YES			

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SYSTEM : CVCS CHEMICAL & VOLUME CONTROL SYSTEM - 062
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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
CVCF-D024-25	PIPE	C-F-1	R00006496			PT	19950407	PASS	YES			
	-ELBOW	C5.21	R00006518	C00001272	WB-11	UT-45	19950411	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
CVCF-D025-02A	ELBOW	C-F-1	R00006491			PT	19950414	PASS	YES			
	-PIPE	C5.21	R00006550	C00001277	WB-11	UT-45	19950413	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
CVCF-D020-10A	PIPE	C-F-1	R00006492			PT	19950407	PASS	YES			
	-ELBOW	C5.21	R00006523	C00001274	WB-11	UT-45	19950412	PASS	YES		GEOMETRIC	NON-RELEVANT
CVCF-D021-02A	PIPE	C-F-1	R00006495			PT	19950407	PASS	YES			
	-ELBOW	C5.21	R00006519	C00001273	WB-11	UT-45	19950411	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
CVCS-SKE2879-254-C	TEE	C-F-1	R00006493			PT	19950407	PASS	YES			
	-PIPE	C5.21	R00006524	C00001275	WB-11	UT-45	19950411	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00006524	C00001276	WB-11	UT-60	19950411	PASS	YES			

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CVCS-SKE2879-258-H	PIPE	C-F-1	R00006497			PT	19950407	PASS	YES			
	-ELBOW	C5.21	R00006517	C00001271	WB-11	UT-45	19950411	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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CVCS-SKE2879-261-C	PIPE	C-F-1	R00006494			PT	19950407	PASS	YES			
	-ELBOW	C5.21	R00006542	C00001279	WB-11	UT-45	19950414	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
CVCF-A-T108-02	PIPE -ELBOW	C-F-1 C5.30	R00006505			PT	19950410	PASS	YES			
CVCF-A-T108-04	PIPE -PIPE	C-F-1 C5.30	R00006507			PT	19950410	PASS	YES			
CVCF-A-T108-09	PIPE -PIPE	C-F-1 C5.30	R00006503			PT	19950410	PASS	YES			
CVCS-SKE2879-298-B	PIPE -REDUCER	C-F-1 C5.21	R00006504			PT	19950410	PASS	YES			
			R00006543	C00001280	WB-11	UT-45	19950417	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00006543	C00001281	WB-11	UT-60L	19950417	PASS	YES		GEOMETRIC	NON-RELEVANT

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CVCF-A-T106-04	PIPE -ELBOW	C-F-1 C5.30	R00006511			PT	19950411	PASS	YES			
CVCF-A-T106-09	ELBOW -PIPE	C-F-1 C5.30	R00006512			PT	19950411	PASS	YES			
CVCF-A-T107-05	PIPE -ELBOW	C-F-1 C5.30	R00006514			PT	19950411	PASS	YES			

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SYSTEM : CVCS CHEMICAL & VOLUME CONTROL SYSTEM - 062
ISOMETRIC NUMBER : ISI-0375-C SHEET : 30

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
CVCF-D025-12	ELBOW	C-F-1	R00006490			PT	19950407	PASS	YES			
	-PIPE	C5.21	R00006541	C00001278	WB-11	UT-45	19950414	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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SYSTEM : CVCS CHEMICAL & VOLUME CONTROL SYSTEM - 062
ISOMETRIC NUMBER : ISI-0375-C SHEET : 31

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
CVCF-A-T125-03	ELBOW -PIPE	C-F-1 C5.30	R00006510			PT	19950411	PASS	YES			
CVCF-A-T125-32	PIPE -ELBOW	C-F-1 C5.30	R00006508			PT	19950411	PASS	YES			
CVCF-A-T126-06	FL HEAD	C-F-1 C5.30	R00006515			PT	19950412	PASS	YES			
CVCF-D025-18	REDUCER -PIPE	C-F-1 C5.21	R00006509			PT	19950411	PASS	YES			
			R00006554	C00001290	WB-06	UT-45	19950426	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00006554	C00001291	WB-06	UT-45	19950426	PASS	YES		GEOMETRIC	NON-RELEVANT

SYSTEM : CVCS CHEMICAL & VOLUME CONTROL SYSTEM - 062
ISOMETRIC NUMBER : ISI-0375-C SHEET : 32

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
CVCF-D189-04	ELBOW -PIPE	C-F-1 C5.30	R00006521			PT	19950412	PASS	YES			
CVCF-D190-01	PIPE -ELBOW	C-F-1 C5.30	R00006522			PT	19950412	PASS	YES			

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ISOMETRIC NUMBER : ISI-0375-C SHEET : 33

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
CVCF-B-T117-05	ELBOW -REDUCER	C-F-1 C5.30	R00006533			PT	19950413	PASS	YES			
CVCF-D190-08	PIPE -TEE	C-F-1 C5.30	R00006531			PT	19950413	PASS	YES			
CVCF-D190-12A	COUPLNG -PIPE	C-F-1 C5.30	R00006520			PT	19950412	PASS	YES			

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SYSTEM : CVCS CHEMICAL & VOLUME CONTROL SYSTEM - 062
ISOMETRIC NUMBER : ISI-0375-C SHEET : 34

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
CVCF-B-T214-09	PIPE -ELBOW	C-F-1 C5.30	R00006527			PT	19950413	PASS	YES			
CVCF-D190-18	PIPE -ELBOW	C-F-1 C5.30	R00006529			PT	19950413	PASS	YES			
CVCF-D190-21	COUPLNG -PIPE	C-F-1 C5.30	R00006528			PT	19950413	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
CVCF-B-T215-03	ELBOW -PIPE	C-F-1 C5.30	R00006526			PT	19950413	PASS	YES			
CVCF-D190-24	PIPE -ELBOW	C-F-1 C5.30	R00006532			PT	19950413	PASS	YES			

SYSTEM : CVCS CHEMICAL & VOLUME CONTROL SYSTEM - 062
ISOMETRIC NUMBER : ISI-0375-C SHEET : 36

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
CVCF-D189-24	PIPE -ELBOW	C-F-1 C5.30	R00006534			PT	19950413	PASS	YES			
CVCF-D189-27	PIPE -ELBOW	C-F-1 C5.30	R00006530			PT	19950413	PASS	YES			

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ISOMETRIC NUMBER : ISI-0375-C SHEET : 37

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
CVCF-A-T099-03	PIPE -ELBOW	C-F-1 C5.30	R00006500			PT	19950410	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
CVCF-A-D027-16	PIPE	C-F-1	R00006553			PT	19950425	PASS	YES			
	-ELBOW	C5.21	R00006552	C00001289	WB-64	UT-45	19950425	PASS	YES		GEOMETRIC	NON-RELEVANT
CVCS-SKE2879-319-L	PIPE	C-F-1	R00006498			PT	19950410	PASS	YES			
	-TEE	C5.21	R00006544	C00001282	WB-64	UT-45	19950418	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00006544	C00001283	WB-64	UT-60	19950418	PASS	YES			
CVCS-SKE2879-322-G	PIPE	C-F-1	R00006506			PT	19950410	PASS	YES			
	-ELBOW	C5.21	R00006545	C00001282	WB-64	UT-45	19950418	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00006545	C00001283	WB-64	UT-60	19950418	PASS	YES			

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SYSTEM : CVCS CHEMICAL & VOLUME CONTROL SYSTEM - 062
ISOMETRIC NUMBER : ISI-0375-C SHEET : 40

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
CVCS-SKE2879-240-F	PIPE	C-F-1	R00006501			PT	19950410	PASS	YES			
	-ELBOW	C5.21	R00006546	C00001284	WB-64	UT-45	19950419	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00006546	C00001285	WB-64	UT-60	19950419	PASS	YES		GEOMETRIC	NON-RELEVANT
CVCS-SKE2879-241-C	PIPE	C-F-1	R00006502			PT	19950410	PASS	YES			
	-ELBOW	C5.21	R00006547	C00001284	WB-64	UT-45	19950419	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00006547	C00001285	WB-64	UT-60	19950419	PASS	YES			

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SYSTEM : CVCS CHEMICAL & VOLUME CONTROL SYSTEM - 062
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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
CVCF-A-D026-01	PIPE -FL HEAD	C-F-1 C5.21	R00006516			PT	19950412	PASS	YES			
			R00006550	C00001286	WB-64	UT-45	19950419	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00006550	C00001288	WB-64	UT-45L	19950424	PASS	YES			
			R00006550	C00001287	WB-64	UT-60	19950420	PASS	YES			
CVCF-A-D026-07	ELBOW -PIPE	C-F-1 C5.21	R00006499			PT	19950410	PASS	YES			
			R00006548	C00001284	WB-64	UT-45	19950419	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00006548	C00001285	WB-64	UT-60	19950419	PASS	YES		GEOMETRIC	NON-RELEVANT

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SYSTEM : CVCS CHEMICAL & VOLUME CONTROL SYSTEM - 062
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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIS-SKE2879-316-F	PIPE -ELBOW	C-F-1 C5.21	R00006513			PT	19950411	PASS	YES			
			R00006549	C00001286	WB-64	UT-45	19950420	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00006549	C00001287	WB-64	UT-60	19950420	PASS	YES		GEOMETRIC	NON-RELEVANT

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SYSTEM : RHRS RESIDUAL HEAT REMOVAL SYSTEM - 074
ISOMETRIC NUMBER : CHM-2636-C SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
RHRF-D053-13	VALVE	C-F-1	R00008064			PT	19920916	PASS	YES			
	-PIPE	C5.11	R00008065	C00001058	WB-34	UT-45	19920924	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00008065	C00001059	WB-34	UT-60L	19920924	PASS	YES		GEOMETRIC	NON-RELEVANT
RHRF-D053-15	VALVE	C-F-1	R00008066			PT	19930111	PASS	YES			
	-PIPE	C5.21	R00008067	C00001085	WB-33	UT-45	19930112	PASS	YES			
			R00008067	C00001086	WB-33	UT-45L	19930112	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00008067	C00001219	WB-33	UT-45L	19930304	PASS	YES		GEOMETRIC	NON-RELEVANT
RHRS-021	RED TEE	C-F-1	R00008062			PT	19930111	PASS	YES			
	-PIPE	C5.11	R00009720	C00000944	BNP-32	UT-45	19930112	PASS	YES			

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SYSTEM : RHRS RESIDUAL HEAT REMOVAL SYSTEM - 074
ISOMETRIC NUMBER : CHM-2636-C SHEET : 02

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
RHRF-D047-04	ELBOW	C-F-1	R00008071			PT	19921005	PASS	YES			
	-TEE	C5.11	R00009591	C00001038	BNP-32	UT-45	19921103	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											BEAM REDIREC	NON-RELEVANT
RHRF-D047-06	PIPE	C-F-1	R00008073			PT	19921005	PASS	YES			
	-TEE	C5.11	R00009719	C00001037	BNP-32	UT-45	19921028	PASS	YES		BEAM REDIREC	NON-RELEVANT
											BEAM REDIREC	NON-RELEVANT
											BEAM REDIREC	NON-RELEVANT
RHRS-024	ELBOW	C-F-1	R00008080			PT	19921001	PASS	YES			
	-PIPE	C5.11	R00009725	C00001038	BNP-32	UT-45	19921103	PASS	YES		GEOMETRIC	NON-RELEVANT
RHRS-033	PIPE	C-F-1	R00009602			PT	19921005	PASS	YES			
	-ELBOW	C5.11	R00009603	C00001037	BNP-32	UT-45	19921028	PASS	YES			

SYSTEM : RHRS RESIDUAL HEAT REMOVAL SYSTEM - 074
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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
RHRF-D045-13	VALVE	C-F-1	R00008135			PT	19921110	PASS	YES			
	-REDUCER	C5.11	R00008136	C00001035	WB-43	UT-45	19921110	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00008136	C00001036	WB-43	UT-60L	19921110	PASS	YES		GEOMETRIC	NON-RELEVANT
RHRF-D046-04	ELBOW	C-F-1	R00008101			PT	19921222	PASS	YES			
	-PUMP	C5.11	R00009804	C00001099	BNP-32	UT-45	19930112	PASS	YES			
			R00009804	C00001098	WB-34	UT-45	19930112	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009804	C00001100	BNP-32	UT-60L	19930112	PASS	YES		GEOMETRIC	NON-RELEVANT
RHRF-D046-05	VALVE	C-F-1	R00008102			PT	19920910	PASS	YES			
	-PIPE	C5.11	R00009805	C00001040	BNP-32	UT-45	19921028	PASS	YES			
			R00009805	C00001041	BNP-32	UT-60L	19921028	PASS	YES			
RHRF-D046-12	ELBOW	C-F-1	R00008105			PT	19921228	PASS	YES			
	-PIPE	C5.11	R00006488	C00001267	WB-46	UT-45	19950406	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RHRS-040	PIPE	C-F-1	R00008111			PT	19921001	PASS	YES			
	-ELBOW	C5.11	R00006489	C00001268	WB-46	UT-45	19950406	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00006489	C00001270	WB-46	UT-45L	19950407	PASS	YES			
			R00006489	C00001269	WB-46	UT-60L	19950407	PASS	YES			
RHRS-048	FLG	C-F-1	R00008117			PT	19921221	PASS	YES			
	-ELBOW	C5.11	R00009806	C00001101	BNP-32	UT-45	19921228	PASS	YES			
			R00009806	C00001102	BNP-32	UT-45L	19921228	PASS	YES		GEOMETRIC	NON-RELEVANT

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RHRF-D048-10	REDUCER	C-F-1	R00008146			PT	19920910	PASS	YES			
	-VES NOZ	C5.11	R00009807	C00001038	BNP-32	UT-45	19921103	PASS	YES			

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FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
RHRF-D051-03C	PIPE	C-F-1	R00008206			PT	19920917	PASS	YES			
	-ELBOW	C5.11	R00009808	C00001043	WB-41	UT-45	19921103	PASS	YES			
RHRF-D051-06	PIPE	C-F-1	R00008215			PT	19921221	PASS	YES			
	-ELBOW	C5.11	R00009809	C00001201	WB-41	UT-45	19930201	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RHRS-115	RED TEE	C-F-1	R00008228			PT	19921217	PASS	YES			
	-PIPE	C5.11	R00009812	C00001079	WB-41	UT-45	19930111	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RHRS-159	ELBOW	C-F-1	R00008286			PT	19921020	PASS	YES			
	-ELBOW	C5.21	R00008287	C00000857	WB-03	UT-0	19921022	PASS	YES			
			R00008287	C00000854	WB-03	UT-45	19921020	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											PLANAR	ANALYZED, OK
											GEOMETRIC	NON-RELEVANT
			R00008287	C00000855	WB-03	UT-45	19921022	PASS	YES		PLANAR	ANALYZED, OK
			R00008287	C00000856	WB-03	UT-45L	19921022	PASS	YES		PLANAR	ANALYZED, OK

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RHRF-D054-02	ELBOW	C-F-1	R00008326			PT	19921228	PASS	YES			
	-PIPE	C5.21	R00008327	C00000945	WB-03	UT-45	19930112	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RHRF-D054-07C	ELBOW	C-F-1	R00008334			PT	19920924	PASS	YES			
	-PIPE	C5.11	R00009599	C00000915	WB-02	UT-45	19921103	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
RHRS-164A	RED ELB	C-F-1	R00008348			PT	19921229	PASS	YES			
	-ELBOW	C5.21	R00006606			RT	19770222	PASS	YES			
			R00008349	C00001090	WB-02	UT-45	19930107	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00008349	C00001091	WB-02	UT-60L	19930107	PASS	YES		GEOMETRIC	NON-RELEVANT
RHRS-169	PIPE	C-F-1	R00008354			PT	19920925	PASS	YES			
	-ELBOW	C5.11	R00008355	C00001068	WB-02	UT-45	19920929	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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SYSTEM : RHRS RESIDUAL HEAT REMOVAL SYSTEM - 074
ISOMETRIC NUMBER : CHM-2636-C SHEET : 08

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
RHRF-D055-10	ELBOW -VALVE	C-F-1 C5.11	R00008403			PT	19920925	PASS	YES			
			R00008404	C00001075	WB-02	UT-45	19920929	PASS	YES			
			R00008404	C00001076	WB-02	UT-45L	19920929	PASS	YES			
RHRS-174	ELBOW -ELBOW	C-F-1 C5.11	R00008408			PT	19920925	PASS	YES			
			R00008409	C00001074	WB-02	UT-45	19920928	PASS	YES		GEOMETRIC	NON-RELEVANT

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PRISIM

SYSTEM : RHRS RESIDUAL HEAT REMOVAL SYSTEM - 074
ISOMETRIC NUMBER : ISI-0375-C SHEET : 44

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
RHRF-A-T021-2	PIPE	C-F-1	R00006475			PT	19950224	PASS	YES			
	-VALVE	C5.30										
RHRF-D052-04	ELBOW	C-F-1	R00006481			PT	19950315	PASS	YES			
	-PIPE	C5.21	R00006484	C00001262	WB-62	UT-45	19950405	PASS	YES			
			R00006484	C00001261	WB-62	UT-70	19950405	PASS	YES		GEOMETRIC	NON-RELEVANT
RHRF-D052-14	FLG	C-F-1	R00006482			PT	19950316	PASS	YES			
	-PIPE	C5.21	R00006485	C00001264	WB-62	UT-45	19950405	PASS	YES			
			R00006485	C00001263	WB-62	UT-70	19950405	PASS	YES			
RHRS-SKE2879-360-J	REDUCER	C-F-1	R00006478			PT	19950314	PASS	YES			
		C5.41										
RHRS-SKE2879-410-B	PIPE	C-F-1	R00006483			PT	19950405	PASS	YES			
		C5.21	R00006486	C00001265	WB-62	UT-45	19950405	PASS	YES			
RHRS-SKE2879-411-F	ELBOW	C-F-1	R00006480			PT	19950314	PASS	YES			
	-PIPE	C5.21	R00006487	C00001266	WB-62	UT-45	19950405	PASS	YES			

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SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : CHM-2758-C SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIF-D079-06	REDUCER	C-F-1	R00008424			PT	19921026	PASS	YES			
	-VALVE	C5.11	R00009813	C00000946	WB-41	UT-45	19921102	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00009813	C00000947	WB-41	UT-60L	19921102	PASS	YES		GEOMETRIC	NON-RELEVANT
SIF-D079-06B	PIPE	C-F-1	R00006567			PT	19950503	PASS	YES			
	-ELBOW	C5.11	R00006587	C00001309	WB-67	UT-45	19950518	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIF-D079-08A	REDUCER	C-F-1	R00008428			PT	19920916	PASS	YES			
	-TEE	C5.11	R00009816	C00001024	BNP-32	UT-45	19930114	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00009816	C00001025	BNP-32	UT-60L	19930114	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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TENNESSEE VALLEY AUTHORITY
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PRISIM

SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : CHM-2758-C SHEET : 02

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIF-D080-07	VALVE	C-F-1	R00008462			PT	19920929	PASS	YES			
	-PIPE	C5.11	R00008463	C00000861	BF-02	UT-45	19921006	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00008463	C00000862	BF-02	UT-60	19921006	PASS	YES		GEOMETRIC	NON-RELEVANT
SIS-031	ELBOW	C-F-1	R00008468			PT	19920929	PASS	YES			
	-PIPE	C5.11	R00008469	C00000876	WB-02	UT-45	19921006	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : CHM-2758-C SHEET : 03

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIF-D081-10C	PIPE	C-F-1	R00008495			PT	19920923	PASS	YES			
	-ELBOW	C5.11	R00008496	C00000863	WB-02	UT-45	19920928	PASS	YES		MODE CONVERS	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : CHM-2758-C SHEET : 05

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIF-D087-14	PIPE	C-F-1	R00008529			PT	19921130	PASS	YES			
	-RED TEE	C5.11	R00008530	C00000937	WB-02	UT-45	19921207	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00008530	C00000938	WB-02	UT-60L	19921207	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIS-067	ELBOW	C-F-1	R00008535			PT	19920922	PASS	YES			
	-PIPE	C5.11	R00008536	C00000875	WB-02	UT-45	19921005	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIS-073	ELBOW	C-F-1	R00008543			PT	19930111	PASS	YES			
	-PIPE	C5.11	R00008544	C00001020	WB-01	UT-45	19930114	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : CHM-2758-C SHEET : 06

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIF-D088-11A	PIPE	C-F-1	R00009504			PT	19921105	PASS	YES			
	-ELBOW	C5.11	R00009505	C00000975	WB-01	UT-45	19921119	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00009505	C00001011	WB-01	UT-45	19930119	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009505	C00000970	WB-01	UT-45L	19930119	PASS	YES			
SIS-078	PIPE	C-F-1	R00009512			PT	19921214	PASS	YES			
	-ELBOW	C5.11	R00009513	C00000942	WB-02	UT-45	19921222	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : ISI-0375-C SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIF-B-T033-01	PIPE -ELBOW	C-F-1 C5.30	R00009626			PT	19921124	PASS	YES			
SIS-322	PIPE -ELBOW	C-F-1 C5.21	R00006568			PT	19950503	PASS	YES			
			R00006588	C00001310	WB-40	UT-45	19950522	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : ISI-0375-C SHEET : 02

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIF-D072-07	PIPE	C-F-1	R00009632			PT	19921104	PASS	YES			
	-VALVE	C5.21	R00009633	C00001014	WB-40	UT-45	19921109	PASS	YES			
			R00009633	C00001015	WB-40	UT-45	19921109	PASS	YES			
			R00009633	C00001016	WB-40	UT-60L	19921109	PASS	YES		GEOMETRIC	NON-RELEVANT
SIF-D072-10	PIPE	C-F-1	R00009630			PT	19921104	PASS	YES			
	-VALVE	C5.21	R00009631	C00001006	BF-02	UT-45	19921110	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009631	C00001008	BF-02	UT-45	19921110	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009631	C00001007	BF-02	UT-60L	19921110	PASS	YES		GEOMETRIC	NON-RELEVANT
SIS-244	PUMP	C-F-1	R00009634			PT	19930122	PASS	YES			
	-PIPE	C5.21	R00009635	C00001177	WB-64	UT-45	19930125	PASS	YES			
			R00009635	C00001178	WB-64	UT-60L	19930125	PASS	YES			
SIS-251	ELBOW	C-F-1	R00009628			PT	19921104	PASS	YES			
	-PIPE	C5.21	R00009629	C00001012	WB-65	UT-45	19921222	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : ISI-0375-C SHEET : 03

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIF-D073-08	TEE	C-F-1	R00009642			PT	19921105	PASS	YES			
	-PIPE	C5.21	R00009643	C00001006	BF-02	UT-45	19921110	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009643	C00001008	BF-02	UT-45	19921110	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009643	C00001007	BF-02	UT-60L	19921110	PASS	YES			
SIS-267	PUMP	C-F-1	R00009646			PT	19930420	PASS	YES			
	-PIPE	C5.21	R00009647	C00001168	WB-63	UT-45	19930118	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009647	C00001169	WB-63	UT-60L	19930118	PASS	YES		GEOMETRIC	NON-RELEVANT
SIS-268	REDUCER	C-F-1	R00009636			PT	19921208	PASS	YES			
	-PIPE	C5.21	R00009637	C00000982	WB-63	UT-45	19930107	PASS	YES			
SIS-270	PIPE	C-F-1	R00009638			PT	19921229	PASS	YES			
	-ELBOW	C5.21	R00009639	C00001030	WB-65	UT-45	19930119	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIS-275	PIPE	C-F-1	R00009640			PT	19921112	PASS	YES			
	-FLG	C5.21	R00009641	C00001012	WB-65	UT-45	19921222	PASS	YES			
			R00009641	C00001013	WB-65	UT-60L	19921222	PASS	YES			
SIS-281	ELBOW	C-F-1	R00009644			PT	19921105	PASS	YES			
	-ELBOW	C5.21	R00009645	C00001004	BF-02	UT-45	19921110	PASS	YES			
			R00009645	C00001005	BF-02	UT-45	19921110	PASS	YES			

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SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : ISI-0375-C SHEET : 04

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIF-D082-02	PIPE	C-F-1	R00009648			PT	19921207	PASS	YES			
	-ELBOW	C5.21	R00009649	C00000986	WB-40	UT-45	19930106	PASS	YES		GEOMETRIC	NON-RELEVANT

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SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : ISI-0375-C SHEET : 05

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIF-B-T027-11	VALVE -PIPE	C-F-1 C5.30	R00009659			PT	19921014	PASS	YES			
SIF-B-T027-15	ELBOW -PIPE	C-F-1 C5.30	R00009658			PT	19921014	PASS	YES			
SIF-B-T027-16C	COUPLNG -PIPE	C-F-1 C5.30	R00005865			PT	19931203	PASS	YES			
SIF-D085-06	PIPE -ELBOW	C-F-1 C5.21	R00009652			PT	19921014	PASS	YES			
			R00009653	C00000866	WB-40	UT-45	19921021	PASS	YES			
			R00009653	C00000867	WB-40	UT-45	19921021	PASS	YES			
SIS-284	ELBOW -PIPE	C-F-1 C5.21	R00009650			PT	19921014	PASS	YES			
			R00009651	C00000868	WB-40	UT-45	19921022	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009651	C00000869	WB-40	UT-45	19921022	PASS	YES			
SIS-295	PIPE -CAP	C-F-1 C5.21	R00009654			PT	19921014	PASS	YES			
			R00009655	C00000866	WB-40	UT-45	19921021	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009655	C00000867	WB-40	UT-45	19921021	PASS	YES		GEOMETRIC	NON-RELEVANT

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SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : ISI-0375-C SHEET : 06

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIF-D351-13	COUPLNG	C-F-1 C5.30	R00009664			PT	19921029	PASS	YES			

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SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : ISI-0375-C SHEET : 07

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIF-B-T109-02	VALVE -PIPE	C-F-1 C5.30	R00009660			PT	19921105	PASS	YES			

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SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : ISI-0375-C SHEET : 08

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIF-B-T062-03	PIPE -TEE	C-F-1 C5.30	R00009663			PT	19921014	PASS	YES			
SIF-B-T062-12E	COUPLNG -PIPE	C-F-1 C5.30	R00005863			PT	19931207	PASS	YES			
SIF-D351-04	PIPE -COUPLNG	C-F-1 C5.30	R00009661			PT	19921014	PASS	YES			

SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : ISI-0375-C SHEET : 09

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIF-B-T104-04A	ELBOW -PIPE	C-F-1 C5.30	R00009669			PT	19921029	PASS	YES			
SIF-B-T104-06	REDUCER -PIPE	C-F-1 C5.21	R00009667			PT	19921029	PASS	YES			
			R00009668	C00001001	WB-06	UT-45	19921116	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009668	C00001002	WB-06	UT-45	19921116	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009668	C00001003	WB-06	UT-60L	19921116	PASS	YES		GEOMETRIC	NON-RELEVANT
SIF-B-T104-06B	COUPLNG -PIPE	C-F-1 C5.30	R00005864			PT	19931207	PASS	YES			
SIF-B-T104-10A	PIPE -ELBOW	C-F-1 C5.30	R00009670			PT	19921029	PASS	YES			
SIS-340	TEE -REDUCER	C-F-1 C5.21	R00009665			PT	19921118	PASS	YES			
			R00009666	C00000986	WB-40	UT-45	19930106	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009666	C00000987	WB-40	UT-45L	19930106	PASS	YES		GEOMETRIC	NON-RELEVANT

SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : ISI-0375-C SHEET : 10

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIS-334A	PIPE	C-F-1	R00009671			PT	19921116	PASS	YES			
	-ELBOW	C5.21	R00009672	C00000986	WB-40	UT-45	19930106	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIS-336	PIPE	C-F-1	R00009673			PT	19921029	PASS	YES			
	-ELBOW	C5.21	R00009674	C00000998	WB-40	UT-45	19921105	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00009674	C00000997	WB-40	UT-45	19921105	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : ISI-0375-C SHEET : 11

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIF-B-T005-01	BOSS -PIPE	C-F-1 C5.30	R00005884			PT	19931208	PASS	YES			
SIF-B-T005-03E	PIPE -COUPLNG	C-F-1 C5.30	R00005844			PT	19931207	PASS	YES			
SIF-B-T005-07	FLG -PIPE	C-F-1 C5.21	R00009675			PT	19930113	PASS	YES			
			R00009676	C00000983	WB-06	UT-45	19930113	PASS	YES		GEOMETRIC	NON-RELEVANT
SIS-329	BOSS	C-F-1 C5.41	R00009678			PT	19921118	PASS	YES			

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TENNESSEE VALLEY AUTHORITY
WATTS BAR NUCLEAR POWER PLANT - UNIT 1
ISI DATA BASE
POST OUTAGE EXAMINATION RESULTS REPORT
EXAM REQUIREMENT : P05-01 CYCLE : 00
INTERVAL : 00 PERIOD : 3

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DATE 12/01/95

SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : ISI-0375-C SHEET : 12

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
CSF-D056-12	ELBOW	C-F-1	R00009683			PT	19921103	PASS	YES			
	-PIPE	C5.11	R00009684	C00001188	BNP-32	UT-45	19921105	PASS	YES		BEAM REDIREC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00009684	C00001237	BNP-32	UT-45	19930430	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009684	C00001238	BNP-32	UT-45L	19930430	PASS	YES		GEOMETRIC	NON-RELEVANT
CSS-003	PIPE	C-F-1	R00006562			PT	19950502	PASS	YES			
	-ELBOW	C5.11	R00006585	C00001307	WB-41	UT-45	19950516	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00006585	C00001308	WB-41	UT-60	19950516	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
CSS-006	PIPE	C-F-1	R00006563			PT	19950502	PASS	YES			
	-ELBOW	C5.11	R00006584	C00001305	WB-41	UT-45	19950516	PASS	YES			
			R00006584	C00001306	WB-41	UT-60	19950516	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIS-212	PIPE	C-F-1	R00009679			PT	19930126	PASS	YES			
	-TEE	C5.11	R00009680	C00001176	WB-67	UT-45	19930127	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00009680	C00001220	WB-67	UT-45	19930224	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009680	C00001235	WB-67	UT-45	19930503	PASS	YES		GEOMETRIC	NON-RELEVANT
											BEAM REDIREC	NON-RELEVANT
			R00009680	C00001221	WB-67	UT-45L	19930224	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009680	C00001236	WB-67	UT-45L	19930503	PASS	YES		GEOMETRIC	NON-RELEVANT
											BEAM REDIREC	NON-RELEVANT
SIS-217	REDUCER	C-F-1	R00009681			PT	19921208	PASS	YES			
	-PIPE	C5.11										

SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : ISI-0375-C SHEET : 12

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIS-217	REDUCER -PIPE	C-F-1 C5.11	R00009682	C00000984	WB-68	UT-45	19930105	PASS	YES		GEOMETRIC	NON-RELEVANT
SIS-218	PIPE -TEE	C-F-1 C5.41	R00006564			PT	19950502	PASS	YES			

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TENNESSEE VALLEY AUTHORITY
WATTS BAR NUCLEAR POWER PLANT - UNIT 1
ISI DATA BASE
POST OUTAGE EXAMINATION RESULTS REPORT
EXAM REQUIREMENT : P05-01 CYCLE : 00
INTERVAL : 00 PERIOD : 3

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SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : ISI-0375-C SHEET : 13

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIF-D078-07	PIPE	C-F-1	R00009697			PT	19921102	PASS	YES			
	-ELBOW	C5.11	R00009698	C00000985	WB-69	UT-45	19930105	PASS	YES		GEOMETRIC	NON-RELEVANT
SIS-200A	PIPE	C-F-1	R00006556			PT	19950426	PASS	YES			
	-ELBOW	C5.11	R00006569	C00001292	WB-69	UT-45	19950428	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
			R00006569	C00001293	WB-69	UT-60	19950428	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIS-201	PIPE	C-F-1	R00006555			PT	19950426	PASS	YES			
	-ELBOW	C5.11	R00006570	C00001294	WB-69	UT-45	19950428	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
SIS-205	ELBOW	C-F-1	R00009699			PT	19921209	PASS	YES			
	-PIPE	C5.11	R00009700	C00000985	WB-69	UT-45	19930105	PASS	YES		MODE CONVERS	NON-RELEVANT
			R00009700	C00001017	WB-69	UT-45L	19930121	PASS	YES		GEOMETRIC	NON-RELEVANT

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TENNESSEE VALLEY AUTHORITY
WATTS BAR NUCLEAR POWER PLANT - UNIT 1
ISI DATA BASE
POST OUTAGE EXAMINATION RESULTS REPORT
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INTERVAL : 00 PERIOD : 3

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SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : ISI-0375-C SHEET : 19

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIF-B-T047-10	PIPE -ELBOW	C-F-1 C5.30	R00009752			PT	19921014	PASS	YES			

SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : ISI-0375-C SHEET : 20

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIF-B-T057-07	TEE -REDUCER	C-F-1 C5.30	R00009754			PT	19921104	PASS	YES			
SIF-D351-23	REDUCER -PIPE	C-F-1 C5.30	R00009753			PT	19921014	PASS	YES			

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TENNESSEE VALLEY AUTHORITY
WATTS BAR NUCLEAR POWER PLANT - UNIT 1
ISI DATA BASE
POST OUTAGE EXAMINATION RESULTS REPORT
EXAM REQUIREMENT : P05-01 CYCLE : 00
INTERVAL : 00 PERIOD : 3

PRISIM

SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : ISI-0375-C SHEET : 22

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIF-B-T110-07	PIPE -ELBOW	C-F-1 C5.30	R00009755			PT	19921104	PASS	YES			

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TENNESSEE VALLEY AUTHORITY
WATTS BAR NUCLEAR POWER PLANT - UNIT 1
ISI DATA BASE
POST OUTAGE EXAMINATION RESULTS REPORT
EXAM REQUIREMENT : P05-01 CYCLE : 00
INTERVAL : 00 PERIOD : 3

PRISIM

SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : ISI-0375-C SHEET : 23

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIF-D075-01	PIPE	C-F-1	R00009756			PT	19921112	PASS	YES			
	-PIPE	C5.21	R00009757	C00001018	BNP-12	UT-45	19921222	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00009757	C00001019	BNP-12	UT-60L	19921222	PASS	YES			
SIF-D075-08	ELBOW	C-F-1	R00009758			PT	19921112	PASS	YES			
	-PIPE	C5.21	R00009759	C00000981	BNP-12	UT-45	19921118	PASS	YES			
SIS-346	PIPE	C-F-1	R00006566			PT	19950503	PASS	YES			
	-ELBOW	C5.21	R00006574	C00001295	WB-64	UT-45	19950504	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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TENNESSEE VALLEY AUTHORITY
WATTS BAR NUCLEAR POWER PLANT - UNIT 1
ISI DATA BASE
POST OUTAGE EXAMINATION RESULTS REPORT
EXAM REQUIREMENT : P05-01 CYCLE : 00
INTERVAL : 00 PERIOD : 3

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SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : ISI-0375-C SHEET : 38

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIF-A-T008-04	PIPE -TEE	C-F-1 C5.30	R00006561			PT	19950428	PASS	YES			
SIF-A-T008-06	ELBOW -PIPE	C-F-1 C5.30	R00006559			PT	19950428	PASS	YES			
SIF-A-T008-12	PIPE -TEE	C-F-1 C5.11	R00006560			PT	19950428	PASS	YES			

SYSTEM : SIS SAFETY INJECTION SYSTEM - 063
ISOMETRIC NUMBER : ISI-0375-C SHEET : 45

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIF-A-T009-07	ELBOW -PIPE	C-F-1 C5.30	R00006557			PT	19950428	PASS	YES			
SIF-A-T009-09	ELBOW -PIPE	C-F-1 C5.30	R00006558			PT	19950428	PASS	YES			

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TENNESSEE VALLEY AUTHORITY
WATTS BAR NUCLEAR POWER PLANT - UNIT 1
ISI DATA BASE
POST OUTAGE EXAMINATION RESULTS REPORT
EXAM REQUIREMENT : V03-01 CYCLE : 00
INTERVAL : 00 PERIOD : 3

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SYSTEM : FWS FEEDWATER SYSTEM - 003
ISOMETRIC NUMBER : CHM-2671-C SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
FWF-D001-11A	ELBOW -SPOOL P	C-F C5.21	R00009452			PT	19921118	PASS	YES			
			R00009453	C00000935	WB-04	UT-45	19921203	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
FWF-D001-12	SPOOL P -VES NOZ	C-F C5.21	R00009867			PT	19921118	PASS	YES			
			R00009868	C00000935	WB-04	UT-45	19921203	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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TENNESSEE VALLEY AUTHORITY
WATTS BAR NUCLEAR POWER PLANT - UNIT 1
ISI DATA BASE
POST OUTAGE EXAMINATION RESULTS REPORT
EXAM REQUIREMENT : V03-01 CYCLE : 00
INTERVAL : 00 PERIOD : 3

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SYSTEM : FWS FEEDWATER SYSTEM - 003
ISOMETRIC NUMBER : CHM-2671-C SHEET : 02

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
FWF-D003-11B	ELBOW	C-F	R00009861			MT	19921117	PASS	YES			
	-SPOOL P	C5.21	R00009862	C00000936	WB-04	UT-45	19921130	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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TENNESSEE VALLEY AUTHORITY
WATTS BAR NUCLEAR POWER PLANT - UNIT 1
ISI DATA BASE
POST OUTAGE EXAMINATION RESULTS REPORT
EXAM REQUIREMENT : V03-01 CYCLE : 00
INTERVAL : 00 PERIOD : 3

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DATE 12/01/95

SYSTEM : FWS FEEDWATER SYSTEM - 003
ISOMETRIC NUMBER : CHM-2671-C SHEET : 03

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
FWF-D002-17	SPOOL P	C-F	R00009865			PT	19921118	PASS	YES			
	-VES NOZ	C5.21	R00009866	C00000934	WB-04	UT-45	19921202	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
FWF-D002-19A	ELBOW	C-F	R00009857			PT	19921118	PASS	YES			
	-SPOOL P	C5.21	R00009858	C00000934	WB-04	UT-45	19921202	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT

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TENNESSEE VALLEY AUTHORITY
WATTS BAR NUCLEAR POWER PLANT - UNIT 1
ISI DATA BASE
POST OUTAGE EXAMINATION RESULTS REPORT
EXAM REQUIREMENT : V03-01 CYCLE : 00
INTERVAL : 00 PERIOD : 3

PRISIM

REVISION 0000
DATE 12/01/95

SYSTEM : FWS FEEDWATER SYSTEM - 003
ISOMETRIC NUMBER : CHM-2671-C SHEET : 04

FEATURE NUMBER	COMPONENT DESCRIPT.	CATGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
FWF-D002-08	SPOOL P	C-F	R00009863			MT	19921116	PASS	YES			
	-VES NOZ	C5.21	R00009864	C00000935	WB-04	UT-45	19921203	PASS	YES		GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT
											GEOMETRIC	NON-RELEVANT


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NNN NNNNNN UUU UUU TTTTTTT EEEEEEE CCCCCC HHH HHHHH
NNNNNNNNNNN UUU UUU TTTTTTT EEEEEEEEE CCCCCCCC HHHHHHHHHH
NNNN NNNN UUU UUU TTT EEE EEE CCCC CCC HHHH HHHH
NNN NNN UUU UUU TTT EEEEEEEEEE CCC HHH HHH
NNN NNN UUUU UUUU TTT EEE CCCC CCC HHH HHH
NNN NNN UUUUUUUUUU TTT EEEEEEEEE CCCCCCCC HHH HHH
NNN NNN UUUUUU UUU TTTT EEEEEEE CCCCCC HHH HHH

LAST PAGE

ENCLOSURE 2

VOLUME 1

APPENDIX G
Page 1 of 5

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner TENNESSEE VALLEY AUTHORITY (Name) Date MAY 17, 1996
   400 W. Summit Hill Drive, Knoxville, TN (Address) Sheet 1 of 65
2. Plant Watts Bar Nuclear Plant (Name) Unit 1
   P. O. Box 2000, Spring City, TN, 37381 (Address) TVA (Repair Organization P.O. No, Job No, etc.) SEE ATTACHED NIS-2's FOR WID's
3. Work performed by TVA - WBN (Name) Type Code Symbol Stamp / NA
   PO Box 2000, Spring City, TN 37381 (Address) Authorization No.
   Expiration Date
4. Identification of system VARIOUS, SEE ATTACHED NIS-2's
5. (a) Applicable Construction Code VARIOUS, SEE ATTACHED NIS-2's ~~19 Edition Addenda Code Case~~
   (b) Applicable Edition of Section XI utilized for Repairs or Replacements ~~1989 Edition~~ 5/17/96 1980 EDITION W/N 81 ADDENDA
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
SEE ATTACHED NIS-2's							
		NA					

7. Description of Work SEE ATTACHED NIS-2's

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ SEE ATTACHED NIS-2's
   ~~Other ☐ Pressure~~ _____ psi Test Temp _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

Form NIS-2, front, Rev 1

APPENDIX G
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FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner TENNESSEE VALLEY AUTHORITY (Name) Date MAY 15, 1996
400 W. Summit Hill Drive, Knoxville, TN (Address) Sheet 1 of 564
2. Plant Watts Bar Nuclear Plant (Name) Unit 1
P. O. Box 2000, Spring City, TN, 37381 (Address) TVA VARIOS, SEE ATTACHED INDEX (Repair Organization P.O. No, Job No, etc.) 5/17/96
3. Work performed by TVA-WBN (Name) Type Code Symbol Stamp NA
P.O. Box 2000, SPRING CITY, TN. 37381 (Address) Authorization No.
Expiration Date
4. Identification of system SEE ATTACHED INDIVIDUAL SUMMARY REPORTS
5. (a) Applicable Construction Code SEE ATTACHED INDINDUAL SUMMARY REPORTS 19 ~~Edition~~ ~~Addenda~~ ~~Code Case~~
(b) Applicable Edition of Section XI utilized for Repairs or Replacements 1980 Edition Win 81 Addenda
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
SEE ATTACHED INDINDUAL SUMMARY				REPORTS			
			N/A				

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7. Description of Work SEE ATTACHED INDIVIDUAL SUMMARY REPORTS
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ SEE ATTACHED INDIVIDUAL SUMMARY REPORTS
Other ☐ Pressure ____ psi Test Temp ____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

Form NIS-2, front, Rev 0

WBN - ASME Section XI Repair/Replacement Program
Index of Attached NIS-2s
Sorted by Tracking Number

NIS-2 TRACKING NUMBER	WORK IMPLEMENTING DOCUMENT NUMBER	AFFECTED COMPONENT	DESCRIPTION OF REPAIR/REPLACEMENT	COMMENTS
92- 185	D-16449-03	1067-450-22- 44	DELETED SUPPORTS	Also affects 1067-A450-22-045.
92- 186	D-04666-03	1063-63-1SIS-R 57	INSTALLED MODIFIED SUPPORT	
92- 187	D-16473-01	1059-492- 1- 21	Deleted Support	
92- 189	D-06011-01	1001-1-01A-381	DELETED SUPPORT	ALSO DELETES 1001A-1-01A-386 AND 1001A-1-01A-387
92- 190	D-04641-03	1063-1-63-293	INSTALLED MODIFIED SUPPORTS	ALSO MODIFIES 1063-1-63-298, -306 AND -307
92- 191	D-16449-02	1067-450-22- 38	DELETED SUPPORTS	ALSO DELETES 1067-A450-22-043
92- 192	D-04617-01	1062-62-1CVC-R201	INSTALLED MODIFIED SUPPORTS	ALSO MODIFIES 1067-A406-02-043.
92- 193	D-04666-06	1063-63-1SIS-R 82	INSTALLED MODIFIED SUPPORT	
92- 194	D-04666-04	1063-63-1SIS-R 63	ADDED NEW STIFFENER PLATE TO SUPPORT	
92- 194B	D-16449-04	1067-450-22- 37	DELETED SUPPORTS	Also affects 1067-A450-22-041.
92- 195	D-16449-05	1067-450-22- 39	DELETED SUPPORTS	ALSO DELETED 1067-A450-22-042 AND -194
92- 196	D-04602-03	1062-62-1CVC-R 95	REPLACED ENTIRE SUPPORT	ALSO REPLACED 1062-62-1CVC-R097.
92- 197	D-04602-03	1062-62-1CVC-R101	REPLACED SWAY STRUT AND CLAMP WITH A LARGER ONE	
92- 198	D-04602-03	1062-62-1CVC-R102	REPLACED BASE PLATE AND ROTATED END ATTACHMENT	
92- 199	D-04602-03	1062-62-1CVC-R104	ENLARGED HOLES IN BASE PLATE FOR LARGER ANCHORS	
92- 200	D-04590-01	1062-1-62A-222	MODIFIED EXISTING SUPPORT	ALSO MODIFIES 1062-1-62A-212 AND -225
92- 201	D-04602-04	1062-62-1CVC-R107	ENLARGED HOLES IN BASEPLATE FOR LARGER ANCHORS	
92- 202	D-04602-04	1062-62-1CVC-R109	REMOVED EXISTING U=BOLT. CUT ANGLE FROM BASEPLATE. REINSTALLED NEW ANGLE AND BOXED AROUND PIPE USING ANGLE.	
92- 203	D-04602-04	1062-62-1CVC-R121	DELETED BASEPLATE, ANCHOR BOLT ASSEMBLIES, SWAY STRUT AND PIPE CLAMP	

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92- 204	D-04602-04	1062-62-1CVC-R123	REMOVED BASEPLATE. INSTALLED NEW BASEPLATE.	
92- 205	D-04602-04	1062-62-1CVC-R126	REMOVED BASEPLATE. INSTALLED NEW BASEPLATE.	
92- 206	D-06177-01	1070-1-70-130	REPLACED ANCHOR BOLTING AND WELD TO EMBED.	
92- 207	D-04622-01	1062-406- 2- 7	MODIFIED SUPPORT BY ADDING STIFFENER	
92- 208	D-04667-03	1063-63-1SIS-R114	MODIFIED SUPPORT	ALSO MODIFIES 1063-63-1SIS-R115, -R120, -R131, -R137.
92- 209	D-05709-05	1074-74-1RHR-R 42	MODIFIED SUPPORT	ALSO MODIFIES 1074-74-1RHR-R044, -R050, -R051, AND -R054.
92- 210	D-04642-01	1063-1-63-370	MODIFIED SUPPORT	ALSO MODIFIES 1063-1-63-372, -373, AND -379.
92- 211	D-04642-04	1063-1-63-347	MODIFIED SUPPORT	ALSO MODIFIES 1063-1-63-351, -354, AND -383.
92- 212	D-04642-06	1063-1-63-357	MODIFIED SUPPORT	ALSO MODIFIES 1063-1-63-363, AND -590.
92- 213	D-06175-02	1070-70-1CC-R 15	REPLACED EXISTING ANCHOR BOLTS WITH LARGER SIZE.	
92- 214	D-04634-03	1063-1-63-409	MOIDFIED EXISTING SUPPORTS	ALSO MODIFIES 1063-1-63-411 AND -572.
92- 215	D-04666-01	1063-63-1SIS-R 69	MODIFIED EXISTING SUPPORTS	ALSO MODIFIES 1063-63-1SIS-R068.
92- 216	D-04666-05	1063-63-1SIS-R 70	MODIFIED EXISTING SUPPORTS	ALSO MODIFIES 1063-63-1SIS-R071, -R072, AND -R073.
92- 217	D-04666-07	1063-63-1SIS-R 96	MODIFIED EXISTING SUPPORTS	
92- 218	D-05709-01	1063-060-63- 7	MODIFIED EXISTING SUPPORTS	ALSO MODIFIES 1074-A060-74-001 AND 1063-A435-01-001
92- 219	D-04602-01	1062-406- 2- 1	ADDED STIFFNER GUSSETS TO BASEPLATE	
92- 220	D-16459-02	1063-1-63-252	DELETED SUPPORT	
92- 221	D-06175-01	1070-70-1CC-R 20	MODIFIED SUPPORT	ALSO MODIFIES 1070-70-1CC-R025

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92- 223	D-05620-01	1072-437- 3- 3	REPLACED BASEPLATE AND ANCHORS	
92- 224	D-05620-01	1062-555-18- 27	REPLACED SUPPORT	
92- 225	D-05620-01	1072-437- 5- 25	REPLACED ANCHORS, BASEPLATE, STRUT AND CLAMPS.	
92- 226	D-04602-01	1062-406- 3- 7	REPLACED BASEPLATE	
92- 227	D-04602-01	1062-62-1CVC-R 35	REPLACED STRUT AND ADDED NEW SUPPORT MEMBER	
92- 228	D-04602-01	1062-62-1CVC-R 56	TRIMMED BASEPLATE AND CHANNEL TO ALLOW ADDITIONAL CLEARANCE	
92- 229	D-04602-01	1062-62-1CVC-R 36	DELETED SUPPORT	
92- 230	D-04602-02	1062-62-1CVC-R 57	RECONSTRUCTED SUPPORT USING A TWO STRUT CONFIGURATION	
92- 231	D-04602-02	1062-62-1CVC-R 58	REPLACED STRUT	
92- 232	D-04602-02	1062-62-1CVC-R 74	REPLACED BASEPLATE	
92- 233	D-04602-02	1062-62-1CVC-R 77	REPLACED STRUTS	
92- 234	D-04602-02	1062-62-1CVC-R 64	REPLACED STRUTS	
92- 235	D-00278-06	1063-435- 8- 60	DELETED SUPPORT	ALSO DELETES 1063-A435-08-064, -067, -068, -070
92- 237	D-08693-01	1063-1-63-340	MODIFIED SUPPORT	
92- 238	D-00278-07	1063-435- 9- 61	DELETED SUPPORT	ALSO DELETES 1063-A435-09-068
92- 239	D-16473-03	1059-492- 1- 35A	MODIFIED SUPPORT	
92- 240	D-04584-01	1062-1-62A- 19	ENLARGED HOLES IN BASEPLATE TO ALLOW INSTALLATION OF LARGER ANCHORS.	
92- 241	D-04584-01	1062-1-62A- 16	MODIFIED SUPPORT BY REMOVING EXISTING BASEPLATE AND INSTALLING NEW BASEPLATE, ANCHORS AND STIFFENERS.	
92- 242	D-04584-01	1062-1-62A- 13	MODIFIED SUPPORT BY ADDING NEW BASEPLATE, ANCHORS, KICKER AND	

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92- 243	D-05709-04	1074-74-1RHR-R 22	ENLARGED HOLES IN BASEPLATES FOR LARGER ANCHORS.	ALSO MODIFIES 1074-74-1RHR-R033.
92- 244	D-05709-04	1074-74-1RHR-R 26	REMOVED BASEPLATE, ANCHORS, REAR BRACKET AND DAMATED SWAY STRUT AND INSTALLED NEW BASEPLATE, ANCHORS, REAR BRACKET AND SWAY STRUT.	
92- 245	D-05709-04	1074-74-1RHR-R 34	CUT EXISTING REAR BRACKET FROM BASEPLATE. INSTALLED NEW BASEPLATE AND ANCHORS. WELDED REAR BRACKET BACK TO NEW BASEPLATE.	
92- 246	D-05709-04	1074-74-1RHR-R 37	MODIFIED SUPPORT BY CUTTING EXISTING REAR BRACKET FROM W6x15.5. REMOVED W6x15.5 AND INSTALLED TUBE STEEL AND PLATED. WELDED SNUBBER REAR BRACKET BACK IN PLACE.	
92- 247	D-04665-01	1063-435- 1- 9	PIPE SUPPORT MODIFICATIONS.	ALSO MODIFIES 1063-63-1SIS-R034, 1063-63-1SIS-R040.
92- 248	D-04642-05	1063-1-63-358	PIPE SUPPORT MODIFICATIONS AND REMOVAL OF DENTS ON ADJACENT PIPING.	ALSO MODIFIES 1063-1-63-359, 1063-1-63-360 AND 1063-1-63-361.
92- 249	D-04667-14	1074-432- 1- 6	MODIFIED PIPE SUPPORTS.	ALSO MODIFIES 1074-A432-01-007 AND 1072-A437-01-017.
92- 250	D-04599-01	SES #0945	REMOVE SURFACE DEFECT IN PIPING. NO WELD REPAIR REQUIRED.	
92- 251	D-05724-02	1074-74-1RHR-R170	MODIFY SUPPORTS PER APPLICABLE DCA'S.	
92- 252	D-04594-02	1062-1-62A-805	REPLACED STRUT, CLAMP AND STRUCTURAL MEMBERS	ALSO MODIFIES 1062-1-62A-806.
92- 253	D-04667-07	1063-63-1SIS-R203	PIPE SUPPORT MODIFICATIONS.	ALSO MODIFIES 1063-63-1SIS-R206, -R207, -R218, AND -R219.
92- 254	D-04667-06	1063-63-1SIS-R165	PIPE SUPPORT MODIFICATIONS.	ALSO MODIFIES 1063-63-1SIS-R173, -R174, -R175, AND -R181.
92- 255	D-04515-05	1001-400- 7- 31	MODIFY SUPPORTS	ALSO MODIFIES 1001-A400-07-039 AND -047.

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92- 256	D-04734-02	1062-62-1CVC-R 14	MODIFY SUPPORTS PER DCA.	ALSO MODIFIES 1062-62-1CVC-R018, and -R021.
92- 259	D-14941-02	1003-060- 3- 11	MODIFY SUPPORTS PER DCA.	ALSO MODIFIES 1003-A060-03-009.
92- 260	D-04621-02	1062-060-62- 14	MODIFY SUPPORTS PER DCA.	ALSO MODIFIES 1062-A060-62-100, 1062-62-1CVC-R137, -R143, AND -R144.
92- 261	D-04667-09	1063-63-1SIS-R230	MODIFY SUPPORTS PER DCA.	ALSO MODIFIES 1063-63-1SIS-R232, 1063-63-1SIS-R246, AND 1063-63-1SIS-R248.
92- 262	D-04625-01	1062-060-62- 21	MODIFY SUPPORTS PER DCA.	ALSO MODIFIES 1062-62-1CVC-R245, AND 1062-62-1CVC-R248.
92- 263	D-04593-01	1062-1-62A-339	MODIFY SUPPORTS PER DCA.	ALSO MODIFIES 1062-1-62A-340, 1062-1-62A-341, 1062-1-62A-345, AND 1062-1-62A-348.
92- 266	D-04642-08	1063-1-63-353	ADDED WELD METAL	
92- 267	92-06416-00	1-HTX - 74 - 31 -B	REPLACED SHELL TO BONNET FLANGE AND INLET/OUTLET SHELL FLANGE BOLTING.	
92- 268	D-04587-01	1062-1-62A-102	MODIFIED SUPPORTS PER DCA.	ALSO MODIFIES 1062-1-62A-107, 1062-1-62A-109, AND 1062-1-62-110.
92- 269	D-14941-03	1003-060- 3- 11	MODIFIED SUPPORTS PER DCA.	ALSO MODIFIES 1003-A060-03-09, AND 1003-A060-03-010.
92- 270	D-00909-01	1001-400- 6-182	INSTALL NEW STRUT AND CLAMP.	
92- 271	D-05709-07	1074-74-1RHR-R 96	MODIFY SUPPORTS PER DCA.	ALSO MODIFIES 1074-74-1RHR-R098, 1074-74-1RHR-R124, 1074-74-1RHR-R131, AND 1074-74-1RHR-R125.
92- 275	D-04608-01	1062-62-1CVC-R209	MODIFIED SUPPORT.	
92- 276	D-15790-01	1062-406-18- 1	MODIFIED SUPPORT.	ALSO AFFECTS 1062-A406-18-002. THIS TRACKING NUMBER MISTAKENLY ISSUED TWICE.
92- 276	D-14941-20	1070-060-70- 16	DRILLED AND REAMED OUT HOLES IN REAR PLATE.	THIS TRACKING NUMBER MISTAKENLY ISSUED TWICE.

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92- 277	D-06108-02	1070-464-20- 3	INSTALLED NEW BASE PLATE, ADDED WELDS, RESET SPRING CAN.	ALSO AFFECTS SUPPORTS 1070-A464-20-004, -020, -021 AND -022.
92-X001	D-04641-01	1063-435- 8- 35	REPLACED CLAMP AND RELOCATED CLAMP ATTACHMENT LOCATION ON PIPE. REPLACED REAR BRACKET ALSO.	
92-X002	D-04641-01	1063-1-63-571	REPLACED BP PARTS 2540-.35 AND 2650-.35 WITH 2420-.65 AND 6202-.7. REMOVED AND REPLACED ONE PIECE OF EXISTING 3X3X3/16 TUBE STEEL.	
92-X003	D-04641-01	1063-1-63-289	REPLACED ANCHORS, BASEPLATE AND A PIECE OF 2X2X1/4 TUBE STEEL.	
93- 1	D-00278-08	1063-1-63- 30	HANGER MODIFICATION.	
93- 2	D-00278-05	1063-435- 7- 62	REMOVED DELETED SUPPORTS	Also affects 1063-A435-7-63, -7-64, and -7-65.
93- 3	D-14941-18	1070-060-70- 8	DRILLED PLATES (REAR) TO ALLOW WELD REMOVAL FROM PIPE.	Also affects 1070-060-70- 10.
93- 4	92-13294-00	1074-432- 1- 34	REPLACED EXISTING BP304 CLAMP WITH BP6150 CLAMP.	
93- 5	08-16255-63	1062-62-1CVC-R200	REPLACED ONE PADDLE ON STRUT	
93- 8	D-06020-01	1081-492- 2- 11	INCREASE ANCHOR BOLT SIZE AND STRUCTURAL TUBING SIZE	
93- 9	D-14941-08	1070-060-70- 9	MODIFIED REAR PLATE FOR FUSION INVESTIGATOIN.	ALSO AFFECTS SUPPORT 1070-A060-70-024.
93- 10	D-14941-01	1062-1-62 -498	SUPPORT MODIFICATIONS.	ALSO AFFECTS SUPPORT 1063-1-63-102, 1063-1-63-416, 1063-1-63-492.
93- 11	D-04591-09	1062-1-62A-240	SUPPORT MODIFICATIONS.	ALSO AFFECTS SUPPORT 1062-1-62A-241, -242, -246, -247, AND FLUSH GRINDING WELDS 1-062B-D035-11 AND -12 PREPARATORY TO PERFORMING PSI NDE. THE GRINDING IS NOT A REPAIR OR REPLACEMENT.
93- 12	D-03631-02	1074-74-1RHR-V121	DELETED SUPPORT.	

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93- 13	D-15486-02	1-PMP - 62 - 104 -B	ADD WELD METAL TO ALIGNMENT AND CENTERING PIN OF CHARGING PUMP 1B-B SUPPORTS	
93- 14	D-15486-01	1-PMP - 62 - 108 -A	ADD WELD METAL TO ALIGNMENT AND CENTERING PIN OF CHARGING PUMP 1A-A SUPPORTS	
93- 15	D-04586-02	1062-1-62A- 89	SUPPORT MODIFICATIONS	ALSO AFFECTS SUPPORTS 1062-1-62A-095, -097, -075 AND -096.
93- 16	D-04592-02	1062-1-62A-315	SUPPORT MODIFICATIONS	ALSO AFFECTS SUPPORTS 1062-1-62A-316 AND -317.
93- 17	D-04667-15	1063-63-1SIS-R226	SUPPORT MODIFICATIONS	ALSO AFFECTS SUPPORTS 1074-A432-01-005, 1074-A432-01-024 AND 1074-A432-01-025.
93- 18	D-04667-13	1074-432- 2- 1	SUPPORT MODIFICATIONS	ALSO AFFECTS SUPPORTS 1074-A432-05-002 AND 1072-A437-01-015.
93- 19	D-16152-04	2062-406- 1- 17	DELETED SUPPORTS	ALSO AFFECTS SUPPORTS 2062-A406-01-018 AND 2062-A435-25-002.
93- 20	D-14941-28	1062-060-62- 16	MODIFIED SUPPORTS	ALSO AFFECTS SUPPORTS 1062-A060-62-017.
93- 21	93-00125-00	1070-060-70- 37	REPAIR REAR PLATE WELD	
93- 22	93-00133-00	2070-060-70- 1	REPLACEMENT OF ANCHOR REAR PLATE DEFECTIVE WELD	
93- 23	D-16461-03	1062-555-18- 16- 1	DELETE THIS SUPPORT AND MODIFY 1062-555-18-16-2	
93- 24	D-14941-27	1062-060-62- 15	REMOVED INADVERTENT SEAM WELD BETWEEN PIPE AND REAR PLATE WHICH HAD BEEN FUSED TO THE PIPE IN ERROR.	
93- 25	D-14941-35	1062-060-62- 3	SUPPORT MODIFICATION - ADDED STIFFENER PLATE.	Also affects 1062-1-62A-876
93- 26	D-04667-11	1063-63-1SIS-R274	MODIFIED SUPPORT	ALSO AFFECTS SUPPORTS 1063-63-1SIS-R281, -V132, -V134 AND -V136.

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93- 27	D-14941-26	1062-060-62- 1	REMOVE INADVERTANT SEAL WELDS.	ALSO AFFECTS SUPPORTS 1062-A060-62-006. DUPLICATE TRACKING NUMBER ISSUED BY MISTAKE.
93- 27	D-04624-01	1062-62-1CVC-R158	SUPPORT MODIFICATIONS	ALSO AFFECTS SUPPORTS 1062-62-1CVC-R159. DUPLICATE TRACKING NUMBER ISSUED BY MISTAKE.
93- 28	D-16461-09	1062-555-18- 18- 3	DELETED SUPPORT.	
93- 30	D-05595-01	1061-462- 8- 3	DELETED SUPPORT	
93- 31	D-14941-29	1062-1-62A-170	BASE METAL DEFECT EVALUATION.	
93- 32	D-04595-01	1062-406- 6- 4	ADDED FRICTION ANCHORS.	ALSO AFFECTS 1062-A406-06-063.
93- 33	D-04595-01	1062-1-62A-854	ADDED SHIM PLATES.	ALSO AFFECTS 1062-1-62A-869.
93- 34	D-04595-01	1062-1-62A-613	INCREASED BASE PLATE SIZE, ADDED WEDGE BOLTS, REPLACED SSDS WITH UNDERCUT ANCHOR.	
93- 35	D-16460-05	1062-406- 2- 35A-1	SUPPORT DELETED.	
93- 36	D-04535-03	1003-427- 5- 3	ADDED TUBE STEEL BRACE.	
93- 37	D-04535-03	1003-1-03B- 79	ADDED WELD TUBE STEEL TO BASEPLATE	
93- 38	D-04535-03	1003-1-03B- 80	ADDED NEW BASEPLATE, BEAM ATTACHMENT AND ANCHOR BOLTS	
93- 40	D-04535-03	1003-427- 5- 2	REPLACED SNUBBER AND OTHER SUPPORT COMPONENTS.	
93- 41	D-16460-15	1062-435-20- 3 -462	MODIFIED SUPPORTS.	ALSO AFFECTS 1062-435-020-002-462 AND -465.
93- 42	D-16460-15	1062-435-20- 2 -463	DELETED SUPPORT	
93- 43	D-16460-17	1062-435-20- 5 -401	DELETED SUPPORT.	
93- 44	D-16460-17	1062-435-20- 4A-446	MODIFIED SUPPORTS	ALSO AFFECTS -005-403 AND -005-521.
93- 45	D-14941-38	1063-1-63-250	ADDED STIFFENER PLATES.	Also affects 1063-1-63-586.

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93- 46	93-00496-00	1015-400- 6-101	REPLACED NPS 4 PIPE CLAMP.	
93- 47	D-14941-41	1074-060-74- 5	MODIFIED REAR PLATE ON BOX ANCHOR	
93- 48	D-05724-03	1074-74-1RHR-R200	REPLACED EXISTING SNUBBER AND CLAMP WITH HIGHER LOAD RATED SNUBBER AND CLAMP	
93- 49	D-05724-03	1074-74-1RHR-R199	REMOVED ENTIRE EXISTING SUPPORT AND REBUILT SUPPORT WITH NEW MATERIAL.	
93- 50	D-14941-36	1074-060-74- 1	REMOVED INADVERTANT SEAM WELD.	
93- 51	D-14941-37	1063-060-63- 12	REWORKED REAR PLATE ON BOX ANCHOR	
93- 52	D-16460-16	1062-435-20- 3 -466	MODIFIED SUPPORTS	ALSO AFFECTS -003-467 AND -004C-52
93- 53	D-16460-16	1062-435-20- 3 -468	DELETED SUPPORTS	ALSO AFFECTS -004C-457
93- 54	D-05709-11	1074-74-1RHR-R 63	INSTALLED NEW STRUT AND END BRACKET	
93- 55	D-15586-01	1-TANK- 63 - 46	REPLACED BOLTS AND NUTS IN THE RWST MANHOLE COVER.	
93- 56	D-04591-08	1062-406- 7- 1	HANGER MODIFICATIONS	Also affects 1062-A406-7-2, -6, and -7.
93- 57	D-16152-07	2062-060-62-113	ADDED KICKER WITH PASE PLATE AND ANCHORS AND STIFFNER PLATE.	
93- 58	D-16152-07	2062-435-25- 4	ADDED SHIM PLATE.	
93- 59	D-04720-02	1062-1-62A-326	SUPPORTS DELETED.	ALSO AFFECTS -328, -329, AND -384.
93- 60	D-04667-05	1063-63-1SIS-R126	SUPPORT MODIFICATIONS.	ALSO AFFECTS -R152, -R153, -R155, AND -R162.
93- 61	D-16460-13	1-FLTR- 62 - 4/1B	RELOCATED ASME NAME PLATE.	
93- 63	D-20761-18	1063-63-1SIS-R 43	SUPPORT MODIFICATIONS	ALSO AFFECTS -R206 AND -R114.
93- 65	92-05146-00	1067-060-67- 26	EXCAVATED WELD AND PERFORMED REPAIR WELD.	
93- 66	D-04715-01	1074-432- 1- 31	SUPPORT MODIFICATIONS	Also affects 1063-63-1SIS-R216 and 1063-A435-3-14

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93- 68	D-04592-06	1062-1-62A-302	SUPPORT MODIFICATIONS	ALSO AFFECTS 1062-1-62A-307, -310, -314, AND -316.
93- 69	A-670062	1-DRV - 3 - 593	REPLACE STEM AND DISK ASSEMBLY	ALSO AFFECTS 1-DRV-3-594
93- 70	D-04602-05	1062-62-1CVC-R 59	SUPPORT MODIFICATIONS	ALSO AFFECTS 1062-62-1CVC-R133 AND 1062-A406-03-043
93- 71	D-18202-06	1063-435- 1- 58	ADD NEW SUPPORTS	ALSO AFFECTS 1063-A435-01-068
93- 73	92-22920-03	1-FCV - 74 - 9	DRILLED PRESSURE RELIEF HOLE IN ONE OF THE TWO DISCS	
93- 74	D-05698-16	1063-435- 1- 2	DELETED SUPPORT.	ALSO AFFECTS 1074-74-1RHR-R035.
93- 75	D-05709-09	1074-74-1RHR-R224	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1074-74-1RHR-R225, -R228, -R223, AND -V038.
93- 76	D-16460-25	48N1221-7(MK 1)	REPLACED BASEPLATE AND ANCHORS	Affects support 48N1221-7 (MK 1) for both the 1A and the 1B seal water injection filters.
93- 78	D-16460-19	1-FLTR- 62 - 04/1A	RELOCATED THE ASME NAMEPLATE TO ALLOW ATTACHMENT OF SUPPORT 1062-406-2-19-6.	
93- 79	D-16152-03	2062-62-2CVC-R 29	DELETED SUPPORT.	ALSO AFFECTS 2062-62-2CVC-R032 AND 2062-A406-01-016.
93- 80	D-16460-20	1062-1-62A-121	MODIFIED SUPPORTS	ALSO AFFECTS 1062-1-62A-134.
93- 81	D-05698-13	1074-74-1RHR-R 6	MODIFIED SUPPORTS	ALSO AFFECTS 1063-A435-01-050
93- 82	D-04591-04	1062-1-62A-256	INSTALLED NEW FRICTION ANCHOR, 2 SWAY STRUTS AND ADDITIONAL TUBE STEEL.	
93- 83	D-04591-04	1062-1-62A-534	REPLACED EXISTING SNUBBBER WITH LARGER SNUBBER, ADDED TUBE STEEL BASEPLATE, ANCHORS AND PIPE CLAMP.	
93- 84	D-16152-02	2062-62-2CVC-R 15	DELETED SUPPORT	ALSO DELETES 2062-62-2CVC-R020, -R022 AND -R026.
93- 85	D-04601-02	1062-060-62-143	ADDED FRICTION ANCHORS TO SUPPORT.	
93- 86	D-04621-01	1062-62-1CVC-R138	MODIFY SUPPORTS	ALSO DELETES 1062-62-1CVC-R147, -R150, AND -R170.

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93- 87	92-22920-02	1-FCV - 74 - 8A	DRILLED PRESSURE RELIEF HOLE IN ONE DISC.	
93- 88	92-22920-01	1-FCV - 74 - 2B	DRILLED PRESSURE RELIEF HOLE IN ONE DISC.	
93- 89	92-22920-00	1-FCV - 74 - 1A	DRILLED PRESSURE RELIEF HOLE IN ONE DISC.	
93- 90	D-18202-07	1063-435- 1- 59	ADDED NEW SUPPORTS.	ALSO ADDS 1063-A435-01-060, -061, AND -062.
93- 91	D-17667-03	1068-1-68- 1	SET SPRING CAN AND REPLACED ITEM NO. 8	ALSO AFFECTS 1068-1-68-005.
93- 93	D-04585-01	1062-1-62A- 34	SUPPORT MODIFICATIONS	ALSO AFFECTS 1062-1-62A-067, -063, -066.
93- 94	D-04636-01	1062-435-10- 42	ADDED WELD METAL	
93- 95	D-05709-03	1074-74-1RHR-R 12	SUPPORT MODIFICATIONS	ALSO AFFECTS 1074-74-1RHR-R052, -R005, -R007, -R017, AND -R020.
93- 96	D-04636-06	1063-1-63-523	SUPPORT MODIFICATIONS	
93- 97	D-16459-05	1063-1-63-256	SUPPORT MODIFICATIONS	ALSO AFFECTS 1063-1-63-262, 1063-A435-26-001, 1063-A435-07-050, AND 1062-1-63-253.
93- 98	D-04535-05	1003-1-03A-403	SUPPORT MODIFICATIONS	ALSO AFFECTS 1003A-1-03A-405, 1003A-1-03A-425, AND 1003A-1-03A-426.
93- 99	D-04623-02	1062-62-1CVC-R225	SUPPORT MODIFICATIONS	ALSO AFFECTS 1062-A555-10-029.
93- 100	D-07886-04	1062-1-62 -271	SUPPORT MODIFICATIONS	
93- 101	D-04593-02	1062-1-62A-356	SUPPORT MODIFICATIONS	ALSO AFFECTS 1062-1-62A-358, -359, -361, AND -362.
93- 102	D-16448-04	1067-450-22-1EB- 10	REPLACE PIPE CLAMP	
93- 103	D-16448-04	1067-450-22-1EB- 15	SUPPORT DELETED	
93- 104	D-05792-02	1068-1-68- 20	SUPPORT MODIFICATIONS	ALSO AFFECTS 1068-1-68-043, -044, AND 1062-1-62A-331.

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93- 105	D-00278-01	1063-060-63- 92	SUPPORT MODIFICATIONS	ALSO AFFECTS 1063-A060-63-093.
93- 106	D-00278-04	1063-060-63- 94	SUPPORT MODIFICATIONS	ALSO AFFECTS 1063-A060-63-095.
93- 107	D-16461-11	1062-406- 2- 3- 3	SUPPORT MODIFICATIONS	
93- 108	D-04633-04	1063-1-63- 64	SUPPORT MODIFICATIONS	
93- 109	D-00278-105	1063-435- 8- 61	SUPPORTS REMOVED/DELETED	ALSO AFFECTS 1063-A435-08-062, -063, -069, AND -065.
93- 110	D-00278-106	1063-435- 6- 60	SUPPORTS REMOVED/DELETED	ALSO AFFECTS 1063-A435-07-061, AND -066.
93- 111	92-12113-00	1063-435- 7- 51	REPLACE CLAMPS	
93- 112	D-05709-10	1072-437- 2- 9	SUPPORT MODIFICATIONS	ALSO AFFECTS 1063-A435-01-012.
93- 113	D-04593-05	1062-1-62A-348	SUPPORT MODIFICATIONS	
93- 114	93-06800-00	1074-74-1RHR-R218	CUT AND WELD PROPER LENGTH FOR NEW STRUT AND REPLACED STRUT	
93- 117	92-22911-01	1-FCV - 63 - 11B	DRILLED PRESSURE RELIEF HOLE IN ONE OF THE TWO WEDGES.	
93- 118	92-22911-02	1-FCV - 63 - 156A	DRILLED PRESSURE RELIEF HOLE IN ONE OF THE TWO WEDGES.	
93- 119	92-22911-03	1-FCV - 63 - 157B	DRILLED PRESSURE RELIEF HOLE IN ONE OF THE TWO WEDGES.	
93- 120	08-16311-37	1062-62-1CVC-R166	REPLACED HANGER ROD AND EYE NUT	DUPLICATE TRACKING NUMBER ISSUED IN ERROR.
93- 120	93-06915-00	1063-63-1SIS-R189	REPLACED BENT STRUT.	DUPLICATE TRACKING NUMBER ISSUED IN ERROR.
93- 121	D-04602-09	1062-62-1CVC-R115	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1062-62-1CVC-R116, -R117, AND -R118.
93- 122	D-16448-19	1067-450-222-1EB- 3	SUPPORT DELETED	
93- 123	D-06034-02	1068-1-68-432	DELETED SUPPORTS	ALSO AFFECTS 1068-1-68-433.

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93- 124	D-00278-02	1063-060-63- 96	INSTALLED NEW SUPPORTS	ALSO AFFECTS 1063-A060-63-097
93- 125	92-12508-00	1063-435- 8- 52	REPLACED CLAMP.	
93- 126	D-05792-10	1068-406- 9- 56	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1068-A406-09-057 AND -058, AND 1062-1-62A-319.
93- 127	D-04636-05	1063-1-63-165	SUPPORT MODIFICATIONS.	
93- 128	D-00278-03	1063-060-63	SUPPORT MODIFICATIONS.	
93- 129	D-04592-05	1062-406- 9- 52	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1062-A406-09-053.
93- 130	D-04593-04	1062-1-62A-557	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1062-1-62A-560 AND -563.
93- 131	D-04592-04	1062-406- 9- 48	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1062-A406-09-049, -05 AND -051.
93- 132	92-14534-00	1062-62-1CVC-R142	REPAIRED EXISTING SUPPORTS BY ADDING WELD METAL.	ALSO AFFECTS 1062-62-1CVC-R151.
93- 133	D-00278-101	1063-435- 6- 64	DELETED SUPPORT	
93- 135	D-00278-104	1063-435- 9- 60	DELETED SUPPORTS	ALSO AFFECTS 1063-A435-09-067.
93- 136	D-04602-06	1062-62-1CVC-R 64	REPLACED ANGLE MEMBER WITH NEW TUBE STEEL.	
93- 137	93-04762-00	1063-1-63-147	REPAIRED BY ADDITION OF WELD METAL.	
93- 138	D-05698-01	1063-63-1SIS-R 24	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1074-74-1RHR-R048.
93- 139	D-04591-12	1062-1-62A-263	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1062-1-62A-264 AND -536.
93- 140	D-16465-01	1061-462-12- 1	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1061-A462-12-005.
93- 141	D-16465-02	1061-462-13- 1	SUPPORT MODIFICATIONS.	
93- 142	D-05595-03	1061-462- 8- 85	SUPPORT MODIFICATIONS.	
93- 143	D-04592-01	1062-1-62A-292	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1062-1-62A-306, -293, -312, AND -313.
93- 144	D-04684-01	1003-1-03A-482	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1003A-1-03A-495.

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93- 146	D-05709-12	1063-435- 1- 73	SUPPORT MODIFICATIONS.	
93- 147	D-16448-13	1067-450-22- 46	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1067-A450-22-048.
93- 148	D-16448-29	1067-450-22- 36	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1067-A450-22-040 AND -047.
93- 149	D-04641-02	1063-1-63-288	SUPPORT MODIFICATIONS.	
93- 150	D-16447-01	1003-401-1-NP- 9- 70	REPAIR BY ADDITION OF WELD METAL.	ALSO AFFECTS 1003-401-1-NP-10-070
93- 151	D-13221-01	1072-437- 5-CB1- 22	SUPPORT INSPECTIONS (BOLTING MATERIAL)	ALSO AFFECTS 1072-W427-05-CB1-023, -024, -025, -026, -027, AND -028.
93- 152	93-05788-00	1-FCV - 74 - 28	REPLACED NUTS FOR FLANGE CONNECTION.	
93- 153	93-05788-01	1-FCV - 74 - 28	REPLACED NUTS FOR FLANGE CONNECTION.	
93- 154	D-04591-06	1062-1-62A-260	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1062-1-62A-270 AND 1062-A406-07-137.
93- 155	92-22911-00	1-FCV - 63 - 8A	DRILLED HOLE IN ONE GATE OF VALVE.	
93- 156	D-04588-02	1062-1-62A-149	INCREASED WELD SIZES.	
93- 157	D-04734-01	1062-060-62- 11	SUPPORT MODIFICATIONS	Also affects 1062-62-1CVC-R15, 1062-62-1CVC-R1, and 1062-A406-1-6. During closure review, 1062-62-1CVC-R15 was determined to be a Class G support and was removed from the scope of this NIS-2.
93- 158	D-04593-03	1062-1-62A-364	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1062-1-62A-370, -378, -386, AND -388.
93- 159	D-04591-03	1062-1-62A-533	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1062-1-62A-254 AND -255.
93- 160	D-04684-01	1003-401- 7- 35	SUPPORT MODIFICATIONS.	
93- 161	D-17667-04	1068-1-68- 2	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1068-1-68-003, -004 AND -006
93- 162	D-06034-10	1068-1-68- 80	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1068-1-68-093, -094 AND -096.

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93- 163	92-15969-00	1001-555- 7- 5-2293	Added shim to obtain clearance for hanger H-555-7-5-2293	
93- 164	D-18401-02	1003-1-03A-203	SUPPORT MODIFICATIONS.	
93- 165	D-16157-01	1-ISLS-997 -0568	BASE METAL REPAIR	
93- 166	D-12664-01	1003-1-03A-408	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1003A-1-03A-424.
93- 167	D-04584-02	1062-1-62A- 21	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1062-A406-08-056.
93- 168	D-16449-33	1067-450-22-192	SUPPORT MODIFICATIONS.	
93- 169	D-06034-01	1068-1-68-115	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1068-1-68-416, -422, AND -426.
93- 170	D-06263-01	1068-1-68- 42	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1068-1-68-046 AND -047.
93- 171	D-16449-28	1067-450-22-1CJ- 1	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1067-A450-22-1CJ-2, 1067-A450-22-1D0-8 AND 1067-A450-22-1Z-9.
93- 172	D-03351-01	1063-1-63-600	SUPPORT MODIFICATIONS.	
93- 173	D-04591-05	1062-1-62A-262	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1062-1-62A-269. -624, -625 AND 1062-A406-07-003.
93- 174	93-09574-00	1063-1-63- 11	REPLACED DAMAGED SNUBBER.	
93- 175	93-12581-00	1063-435- 8- 54	REPLACED CLAMPS	
93- 176	D-16449-17	1067-450-22- 61	SUPPORT MODIFICATIONS.	Also affects 1067-450-22-63.
93- 177	D-06181-02	1070-1-70-170	SUPPORT MODIFICATIONS.	
93- 178	D-16448-30	1067-450-22-173A	SUPPORT MODIFICATIONS.	
93- 179	D-16448-14	1067-450-22- 83	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1067-A450-22-084 AND -090.
93- 180	D-16448-31	1067-450-22-142	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1067-A450-22-179.
93- 181	D-16449-36	1067-450-22-137	SUPPORT MODIFICATIONS.	
93- 182	93-07399-00	1-HTX - 74 - 30A	REMOVED DIMPLE	

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93- 183	D-04532-01	1003-1-03A-566	SUPPORT MODIFICATIONS	ALSO AFFECTS 1003A-1-03A-567 AND 1003-A401-9-6.
93- 184	93-10472-00	1-HTX - 62 - 66	REPLACE SHELL TO BONNET FLANGE BOLTING.	
93- 185	D-04588-01	1062-406- 6- 64	DELETED SUPPORT.	
93- 186	D-04667-12	1063-63-1SIS-V145	SUPPORT MODIFICATIONS	ALSO AFFECTS 1063-63-1SIS-V163, -R177, AND -R243.
93- 187	D-16449-27	1067-450-22-150	SUPPORT MODIFICATIONS.	
93- 188	D-12673-01	1063-63-1SIS-R212	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1063-63-1SIS-R107, -R110, -V117, AND -V223.
93- 189	D-16449-32	1067-450-22- 8	SUPPORT MODIFICATIONS	
93- 190	92-22911-04	1-FCV - 63 - 172B	DRILLED PRESSURE RELIEF HOLE IN ONE DISC.	
93- 191	D-04637-01	1063-1-63-201	SUPPORT MODIFICATIONS	ALSO AFFECTS 1063-1-63-211 AND -226.
93- 192	D-04637-01	1063-1-63-549	SUPPORT MODIFICATIONS	ALSO AFFECTS 1063-1-63-533 AND -197.
93- 193	93-01377-00	1061-462- 8- 86	REPLACED PIPE CLAMP.	
93- 194	D-05636-01	1003-1-03A-423	DELETED SUPPORT.	
93- 195	D-04529-03	1068-1-68-363	SUPPORT MODIFICATIONS.	Also affects 1068-1-68-364.
93- 196	D-04521-01	1003-427- 3- 4	SUPPORT MODIFICATIONS	Also affects 1003-03B-1AFW-R195
93- 197	D-12671-01	1063-1-63-209	REPLACED TUBE STEEL	
93- 198	93-07531-00	1063-1-63-366	REPLACED REAR BRACKET.	
93- 199	D-17533-02	1070-1-70-170	REMOVED AND REPLACED STIFFENENR (ITEM 7 ON BILL OF MATERIAL)	
93- 200	D-16449-37	1067-450-22-139	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1067-A450-22-135 AND -136.
93- 201	D-04528-05	1003-1-03A-360	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1003A-1-03A-361.

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93- 202	D-04632-09	1063-1-63- 20	SUPPORT MODIFICATIONS	ALSO AFFECTS 1063-1-63- 33 AND 1063-1-63-454.
93- 203	D-04534-03	1003-1-03A-464	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1003B-1-03B-003, 1003B-A427-05-001, AND 1003B-1-03B-035.
93- 204	D-04520-02	1003-03B-1AFW-R182	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1003-A427-03-007.
93- 205	D-04536-02	1001-400- 6-277	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1001-A400-06-401, -257, AND -400.
93- 206	D-04592-07	1062-406- 9- 52	SUPPORT MODIFICATIONS.	
93- 208	D-03347-04	1067-450- 4- 54	ADDED ITEM 8 FROM BILL OF MATERIAL TO SUPPORT.	
93- 209	93-13313-01	1-FCV - 63 - 3	REPLACED VALVE DISK.	
93- 210	D-04537-02	1001-400- 6-130	SUPPORT MODIFICATIONS	ALSO AFFECTS 1015-A400-06-118 AND -119.
93- 211	D-04520-03	1003-427- 3- 8	REPLACED SNUBBER WITH STRUT.	
93- 212	D-05636-02	1003-401- 7- 30	REINSPECTED SUPPORT PER UNSATISFACTORY IS-M-90-07127.	
93- 213	D-16449-25	1067-450-22-133	SUPPORT MODIFICIATIONS.	ALSO AFFECTS 1067-A450-22-138.
93- 214	D-16449-26	1067-450-22-124	SUPPORT MODIFICIATIONS.	ALSO AFFECTS 1067-A450-22-125, -126, -127, -128, -129, -130, AND -131.
93- 215	08-16663-37	1-ACUM- 63 - 3	REMOVE RUST, CLEAN INTERIOR AND REPLACE MISSING OR DAMAGED BOLTING.	
93- 216	D-04529-12	1003-1-03A-488	REMOVED EXISTING SUPPORT AND REPLACED WITH NEW DESIGN.	
93- 217	D-06034-03	1068-465- 2- 66	NEW SUPPORT	ALSO AFFECTS 1068-A465-02-067, 1068-1-68-420, AND 1068-1-68-419.
93- 218	D-16449-34	1067-450-22-162	ADDED SHIM PLATES	
93- 219	D-16448-16	1067-450-22- 73	MODIFIED SUPPORTS	

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93- 220	D-17533-13	1062-1-62A- 23	REMOE/REINSTALL SUPPORT	
93- 221	D-04683-03	1003-401- 7- 31	REMOVED AND REPLACED THE ENTIRE SUPPORT	
93- 222	D-05922-02	1074-1-74- 4	SUPPORT MODIFICATIONS	ALSO AFFECTS 1074-1-74-5 AND 1074-1-74-22.
93- 223	D-04633-03	1063-1-63- 47	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1063-1-63-72, 1063-1-63-83, AND 1063-A435-8-88.
93- 224	D-06012-01	1001-400- 1- 32	SUPPORT MODIFICATIONS.	
93- 225	D-04667-17	1063-435- 3- 4	ADDED WELD METAL BETWEEN ITEMS 1 AND 7	
93- 226	D-05792-01	1062-060-62- 65	INSTALLED NEW SUPPORT	
93- 227	D-04529-14	1003-401- 7- 12	INSTALLED NEW SUPPORT	
93- 228	93-03512-00	1-DRV - 3 - 501	INSTALLED NEW STEM ASSEMBLY IN VALVE (INCLUDES A NEW DISC)	DUPLICATE NUMBER ISSUED IN ERROR.
93- 228	D-04683-01	1003-1-03A-367	SUPPORT MODIFICATIONS	DUPLICATE NUMBER ISSUED IN ERROR.
93- 229	93-07819-00	1063-63-1SIS-R171	REPLACED BENT HANGER ROD	
93- 230	D-04632-15	1063-435- 5- 1	MODIFIED SUPPORTS	ALSO AFFECTS 1063-A435-7-54, 1063-A435-7-60, AND 1063-1-63-417.
93- 232	D-15640-01	1001-400-11- 38	INSTALLED NEW PIPE CLAMP AND WELDED LUG PLATES.	
93- 233	D-04689-02	1003-427- 5- 23	INSTALLED NEW SUPPORT	
93- 234	93-05733-00	1063-63-1SIS-R140	REPLACED RIGID STRUT.	
93- 235	93-05469-00	1062-1-62 - 38	ADDED SHIM PLATE BY WELDING.	
93- 236	D-04529-13	1003-401- 7- 11	INSTALLED NEW SUPPORT	
93- 237	D-15641-01	1001-400-11- 41	INSTALLED NEW PIPE CLAMP WITH LUG PLATES.	
93- 238	D-15643-01	1001-400-11- 52	INSTALLED NEW PIPE CLAMP WITH LUG PLATES.	

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93- 239	D-04538-06	1001-400- 6-235	SUPPORT MODIFICATIONS	ALSO AFFECTS 1001-A400-6-237, 1001-A400-6-238, AND1001-A400-6-241.
93- 240	D-04633-05	1063-435- 9- 78	REMOVED AND REPLACED SUPPORT	
93- 241	D-19875-01	1001-400-11- 34	REBUILD SUPPORT TO NEW CONFIGURATION.	
93- 242	D-15639-01	1001-400-11- 37	MODIFIED SUPPORT	
93- 243	D-04514-01	1001-400- 6- 87	MODIFIED SUPPORTS	ALSO AFFECTS 1015-A400-6-91, 1015-A400-6-93, AND 1015-A400-6-94.
93- 244	93-15118-01	1063-1-63-453	REPLACED SNUBBER	
93- 245	D-06011-04	1001-1-01A-394	REMOVED ITEMS 2, 3, 4, AND 5 AND INSTALLED NEW ITEMS 2 AND 3.	
93- 246	D-06013-01	1001-400-11- 11	SUPPORT MODIFICATIONS	ALSO AFFECTS 1001-A400-11-7 AND 1001-A400-11-114.
93- 247	93-04427-00	1-PMP - 62 - 104 -B	REPLACED U-BOLTS ON LUBE OIL PIPING	
93- 248	D-06009-01	1001-1-01A-302	SUPPORT MODIFICATIONS	ALSO AFFECTS 1001-1-01A-300 AND 1001-A400-1-31.
93- 249	D-04612-01	1062-406- 3- 42	SUPPORT MODIFICATIONS	ALSO AFFECTS 1062-62-1CVC-R269 AND 1062-62-1CVC-R277
93- 250	D-12663-01	1074-1-74- 7	SUPPORT MODIFICATIONS	ALSO AFFECTS 1074-1-74- 20.
93- 251	93-06110-00	1-RFV - 62 - 649	REPLACED BOLTING.	
93- 252	D-06016-01	1001-400-11- 18	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1001-A400-11-19, -20, -21, -23, AND -24.
93- 253	D-06013-03	1001-400-11- 2	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1001-A400-11-4.
93- 254	D-15642-01	1001-400-11- 45	SUPPORT MODIFICATIONS.	
93- 255	D-04528-07	1003-1-03A-363	SUPPORT MODIFICATIONS.	Also affects 1003-1-03A-364
93- 256	D-04528-03	1003-1-03A-365	SUPPORT MODIFICATIONS.	
93- 257	93-12961-00	1003-401- 9- 5	REPLACED SNUBBER	

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93- 258	D-04538-03	1001-400- 6-199	SUPPORT MODIFICATIONS	ALSO AFFECTS 1001-A400- 6-200 AND 1001-A400-6-202.
93- 259	D-16283-01	1063-435- 3- 6	REPLACED ANCHORS, BASEPLATE AND STRUT END ATTACHMENT.	
93- 260	D-04538-01	1001-400- 6-188	SUPPORT MODIFICATIONS	ALSO AFFECTS 100-A400-6-211
93- 262	93-01285-00	1068-1-68- 33	REPLACED SNUBBER	
93- 264	D-04534-05	1003-1-03A-447	SUPPORT MODIFICATIONS	ALSO AFFECTS 1003-1-03A-449, -550, AND -552.
93- 265	D-06010-01	1001-1-01A-342	SUPPORT MODIFICATIONS	
93- 266	D-12673-02	1063-63-1SIS-V139	REPLACED 3/8 PLATE WITH THICKER PLATE	
93- 267	D-16463-06	1072-437- 1- 26- 2	REMOVED SUPPORTS	ALSO AFFECTS 1072-A437-1-26-3
93- 268	D-04514-03	1001-400- 6- 78	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1001-A400-6-399, AND 1001-A400-6-79.
93- 269	D-04634-09	1063-1-63-397	SUPPORT MODIFICATIONS.	
93- 270	93-01288-00	1062-435- 3- 74	REPLACED SNUBBER	
93- 271	D-06009-04	1001-1-01 -309	SUPPORT MODIFICATIONS	ALSO AFFECTS 1001-1-01-312 AND -315.
93- 272	D-06010-03	1001-1-01 -341	SUPPORT MODIFICATIONS	ALSO AFFECTS 1001-1-01-343, -345, AND -346.
93- 273	D-06034-11	1068-1-68-427	SUPPORT MODIFICATIONS	
93- 274	D-06363-03	1068-1-68- 11	SUPPORT MODIFICATIONS	ALSO AFFECTS 1068-1-68-15, -38, AND -40.
93- 275	D-16456-39	1031-915- 8- 14	SUPPORT MODIFICATIONS	
93- 276	D-04529-07	1003-1-03 -498	SUPPORT MODIFICATIONS	ALSO AFFECTS 1003-1-03-499, -500, AND -502.
93- 277	D-04591-24	1062-406- 7-137	SUPPORT MODIFICATIONS	
93- 278	D-06009-05	1001-1-01A-317	SUPPORT MODIFICATIONS	ALSO AFFECTS 1001-1-01A-318

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93- 279	D-06015-01	1001-400-11- 27	SUPPORT MODIFICATIONS	ALSO AFFECTS 1001-A400-11-29, -31, AND -32.
93- 280	D-21328-10	1062-1-62A-366	SUPPORT MODIFICATIONS	ALSO AFFECTS 1062-1-62A-345, -325, AND -536
93- 281	D-04538-07	1001-400- 6-179	SUPPORT MODIFICATIONS	ALSO AFFECTS 1001-A400- 6-245, -248, AND -249.
93- 282	D-12669-02	1063-1-63-159	SUPPORT MODIFICATIONS	ALSO AFFECTS 1063-1-63-526.
93- 283	D-20758-02 K2	1003-1-03A-482	SUPPORT MODIFICATIONS	
93- 284	D-04602-08	1062-060-62- 19	SUPPORT MODIFICATIONS	
93- 285	D-06009-03	1001-1-01A-305	SUPPORT MODIFICATIONS	ALSO AFFECTS 1001-1-01A-306 AND -3
93- 286	D-05709-06 K1	1074-74-1RHR-R 58	SUPPORT MODIFICATIONS	
93- 287	D-04534-01 K4	1003-1-03A-456	SUPPORT MODIFICATIONS	
93- 288	D-04534-01 K3	1003-1-03A-455	SUPPORT MODIFICATIONS	
93- 289	D-04534-01 K2	1003-1-03A-454	SUPPORT MODIFICATIONS	
93- 290	D-16152-06	2062-62-2CVC-R 18	SUPPORT MODIFICATIONS	ALSO AFFECTS 2062-A406- 1- 19
93- 291	D-04529-04 K2	1003-1-03A-484	SUPPORT MODIFICATIONS	
93- 292	D-20761-06 K3	1063-63-1SIS-R227	SUPPORT MODIFICATIONS	
93- 293	D-20761-06 K5	1074-432- 1- 31	SUPPORT MODIFICATIONS	
93- 294	D-20761-05	1063-63-1SIS-R131	SUPPORT MODIFICATIONS	
93- 295	D-20761-05	1063-63-1SIS-R137	SUPPORT MODIFICATIONS	
93- 296	D-20761-05 K3	1063-63-1SIS-R161	SUPPORT MODIFICATIONS	
93- 297	D-05709-02 K3	1063-63-1SIS-R 21	SUPPORT MODIFICATIONS	
93- 298	D-04632-10	1063-1-63- 25	SUPPORT MODIFICATIONS	
93- 299	D-06000-01	1068-465- 1- 53	SUPPORT MODIFICATIONS	ALSO AFFECTS 1068-A465-1-62.

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93- 300	93-04190-00	1-VLV -512 -A6247	REPLACED THE STEM AND DISC ASSEMBLY ON A SPARE VALVE AND RECHECKED IT INTO STOREROOM.	
93- 301	93-04190-00	1-VLV -512 -A6249	REPLACED THE STEM AND DISC ASSEMBLY ON A SPARE VALVE AND RECHECKED IT INTO STOREROOM.	
93- 302	D-04535-02 K4	1003-1-03A-417	SUPPORT MODIFICATIONS	
93- 303	D-21328-19	1074-74-1RHR-R 4	SUPPORT MODIFICATIONS	NIS-2 is stamped with WP number D-04592-04 but has the number D-21328-19 written in line 2. The NIS-2 is contained in WP D-21328-19 in the vault. We have not been able to determine how the workplan number D-04592-04 came to be stamped on the NIS-2.
93- 304	D-04683-06	1003-401- 7- 32	SUPPORT MODIFICATIONS	
93- 305	93-15887-01	1003-03B-1AFW-R194	SUPPORT MODIFICATIONS	
93- 306	D-05792-11	1068-1-68- 22	SUPPORT MODIFICATIONS	
93- 307	D-06009-06	1001-1-01A-313	SUPPORT MODIFICATIONS	ALSO AFFECTS 1001-1-01A-307
93- 308	D-04529-11	1003-1-03A-480	SUPPORT MODIFICATIONS	
93- 309	D-06263-02	1068-1-68- 29	SUPPORT MODIFICATIONS	ALSO AFFECTS 1068-1-68-57.
93- 310	D-04537-04	1001-400- 6-159	SUPPORT MODIFICATIONS	ALSO AFFECTS 1015-A400-6-160 AND 1015-A400-6-162.
93- 311	D-12667-01	1062-1-62A-380	SUPPORT MODIFICATIONS	ALSO AFFECTS 1062-1-62A-352, 1062-1-62A-559, AND 1062-1-62A-381.
93- 312	D-04667-02	1063-63-1SIS-R113	SUPPORT MODIFICATIONS	
93- 313	D-05922-01	1074-1-74- 2	SUPPORT MODIFICATIONS	ALSO AFFECTS 1074-1-74-6, 1074-1-74-8, 1074-1-74-11, AND 1074-1-74-23.
93- 314	D-04537-09	1001-400- 6-174	SUPPORT MODIFICATIONS	
93- 315	D-20758-02 K1	1003-1-03A-374	SUPPORT MODIFICATIONS	

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93- 316	D-20758-02 K3	1003-1-03A-487	SUPPORT MODIFICATIONS	
93- 318	D-04633-02	1063-1-63-496	SUPPORT MODIFICATIONS	
93- 319	D-04529-03	1003-03B-1AFW-R238	SUPPORT MODIFICATIONS	
93- 320	D-06013-02 K1	1001-400-11- 8	SUPPORT MODIFICATIONS	
93- 321	D-06013-02 K5	1001-400-11-113	SUPPORT MODIFICATIONS	
93- 322	D-06108-01 K3	1070-1-70- 16	SUPPORT MODIFICATIONS	
93- 323	D-06108-01 K2	1070-1-70- 12	SUPPORT MODIFICATIONS	
93- 324	D-06108-01 K1	1070-1-70- 1	SUPPORT MODIFICATIONS	
93- 325	D-04514-02 K1	1001-400- 6- 66	SUPPORT MODIFICATIONS	
93- 326	D-21328-02	1001-400- 6- 87	SUPPORT MODIFICATIONS	ALSO AFFECTS 1001-A400-6-85, 1001-A400-6-118, 1001-A400-6-191, 1001-A400-6-199, AND 1001-A400-6-196.
93- 327	93-08501-00	1063-63-1SIS-V134	SUPPORT MODIFICATIONS	
93- 328	D-21328-04 K1	1001-1-01A-424	SUPPORT MODIFICATIONS	
93- 329	D-21328-16	1068-1-68- 22	SUPPORT MODIFICATIONS	
93- 330	D-21328-16	1068-1-68- 31	SUPPORT MODIFICATIONS	
93- 331	D-21328-16	1068-1-68- 36	SUPPORT MODIFICATIONS	
93- 333	D-04634-01	1063-1-63-390	SUPPORT MODIFICATIONS	ALSO AFFECTS 1063-1-63-392, -398, AND -399.
93- 334	D-04534-04 K4	1003-1-03A-468	SUPPORT MODIFICATIONS	
93- 335	D-04534-04 K3	1003-1-03A-467	SUPPORT MODIFICATIONS	
93- 336	D-04534-04 K2	1003-1-03A-465	SUPPORT MODIFICATIONS	
93- 337	D-04534-04 K5	1003-1-03A-469	SUPPORT MODIFICATIONS	
93- 338	D-04531-01 K4	1003-1-03A-543	SUPPORT MODIFICATIONS	

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93- 339	D-04537-10	1001-400- 6-122	SUPPORT MODIFICATIONS	ALSO AFFECTS 1001-A400-6-126 AND -132.
93- 340	92-22888-00	1001-400- 6-103	REPLACE TURNBUCKLES	ALSO AFFECTS 1015-A400- 6-184.
93- 341	D-05709-02 K5	1074-74-1RHR-R 4	SUPPORT MODIFICATIONS	
93- 342	D-05792-11	1068-1-68- 30	SUPPORT MODIFICATIONS	
93- 343	D-05792-11	1068-1-68- 25	SUPPORT MODIFICATIONS	
93- 344	D-05792-11	1068-1-68- 41	SUPPORT MODIFICATIONS	
93- 345	D-05792-11	1068-1-68- 18	SUPPORT MODIFICATIONS	
93- 346	D-04537-03 K2	1001-400- 6-133	SUPPORT MODIFICATIONS	
93- 347	D-04537-03	1001-400- 6-128	SUPPORT MODIFICATIONS	
93- 348	D-21328-12 K2	1062-62-1CVC-R102	SUPPORT MODIFICATIONS	
93- 349	D-21328-03 K3	1001-1-01A-313	SUPPORT MODIFICATIONS	
93- 350	D-21328-03 K2	1001-1-01A-348	SUPPORT MODIFICATIONS	
93- 351	93-16588-01	1001-1-01A-427	REPLACED LOWER BOLT OF 3 BOLT PIPE CLAMP OF ITEM #5.	
93- 352	D-04538-04	1001-400- 6-216	SUPPORT MODIFICATIONS	ALSO AFFECTS 1001-A400-6-224, 1001-A400-6-220, AND 1001-A400-6-218.
93- 353	D-16456-43	1031-915- 8- 9	SUPPORT MODIFICATIONS	
93- 354	93-13586-00	1003-1-03B- 11	REPLACE BOLTING MATERIAL (ITEM #5)	
93- 355	D-12667-03 K1	1062-1-62A-366	SUPPORT MODIFICATIONS	
93- 356	D-12667-03 K4	1062-1-62A-349	SUPPORT MODIFICATIONS	
93- 357	D-04538-02	1001-400- 6-195	SUPPORT MODIFICATIONS	ALSO AFFECTS 1001-A400-6-197 AND 1001-A400-6-098.
93- 358	D-04667-08	1063-63-1SIS-R220	SUPPORT MODIFICATIONS	ALSO AFFECTS 1063-63-1SIS-R221, -R224, -R227, -R215, AND -R214.
93- 359	D-04537-03	1001-400- 6-139	SUPPORT MODIFICATIONS	

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93- 360	D-04534-06	1003-1-03A-442	MODIFIED SUPPORTS	ALSO AFFECTS 1003-1-03A-443, -444, AND -445.
93- 361	93-15738-04	1003-03B-1AFW-R102	ADDED SHIM PLATE BY WELDING TO OBTAIN PROPER GAP	
93- 362	D-04528-06	1003-03B-1AFW-R236	SUPPORT MODIFICATIONS	
93- 363	D-04528-06	1003-1-03A-377	SUPPORT MODIFICATIONS	
93- 364	D-12667-02	1062-1-62A-383	SUPPORT MODIFICATIONS	ALSO AFFECTS 1062-1-62A-353, -354, -377, -382, AND -562.
93- 365	D-04537-07	1001-400- 6-125	SUPPORT MODIFICATIONS	ALSO AFFECTS 1001-A400-6-152 AND -175.
93- 366	D-04529-05	1001-1-03A-487	SUPPORT MODIFICATIONS	ALSO AFFECTS 1003-1-03A-489.
93- 367	D-13991-01	1003-401- 7- 30	SUPPORT MODIFICATIONS	
93- 368	D-13991-01	1001-1-01A-349	SUPPORT MODIFICATIONS	
93- 369	D-13991-01	1001-1-01A-347	SUPPORT MODIFICATIONS	
93- 370	D-17533-14	1062-1-62A- 63	SUPPORT MODIFICATIONS	
93- 371	D-04729-02	1062-406-17- 2	SUPPORT MODIFICATIONS	
93- 372	D-04514-02 K3	1001-400- 6- 73	SUPPORT MODIFICATIONS	
93- 373	D-04514-02	1001-400- 6- 76	SUPPORT MODIFICATIONS	
93- 374	D-21328-20	1074-1-74- 8	SUPPORT MODIFICATIONS	ALSO AFFECTS 1074-1-74-7, -20, 1074-74-1RHR-R192, -R197, -R194, -R196, AND -R190.
93- 375	D-21328-01	1001-400- 6-123	SUPPORT MODIFICATIONS	ALSO AFFECTS 1001-A400-6-126, -197, -198, -200, AND -259.
93- 376	D-03662-01	1001-1-01A-383	SUPPORT MODIFICATIONS	
93- 377	D-04632-08 K1	1063-1-63-461	SUPPORT MODIFICATIONS	
93- 378	D-04632-08 K2	1063-1-63-463	SUPPORT MODIFICATIONS	
93- 379	D-04632-08 K4	1063-1-63-465	SUPPORT MODIFICATIONS	

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93- 380	D-04632-08 K5	1063-1-63-468	SUPPORT MODIFICATIONS	
93- 381	D-04528-04	1003-03B-1AFW-R127	SUPPORT MODIFICATIONS	ALSO AFFECTS 1003-03B-1AFW-R129 AND 1003-03B-1AFW-R208
93- 382	D-11420-01	1003-03B-1AFW-R237	SUPPORT MODIFICATIONS	
93- 383	D-04536-01 K1	1001-400- 6-275	SUPPORT MODIFICATIONS	
93- 384	D-00607-01	1062-1-62A- 22	SUPPORT MODIFICATIONS	
93- 385	D-04667-01	1063-060-63- 2	SUPPORT MODIFICATIONS	ALSO AFFECTS 1063-A060-63-5, -9, -12, -14, 1063-A435-3-4, AND 1063-63-1SIS-R123.
93- 386	D-04640-02	1063-1-63-315	SUPPORT MODIFICATIONS	ALSO AFFECTS 1063-A435-6-52
93- 387	D-04536-01 K5	1001-400- 6-271	SUPPORT MODIFICATIONS	
93- 388	D-04536-01 K4	1001-400- 6-281	SUPPORT MODIFICATIONS	
93- 389	D-04536-01 K2	1001-400- 6-268	SUPPORT MODIFICATIONS	
93- 390	D-04534-04	1003-1-03A-472	SUPPORT MODIFICATIONS	ALSO AFFECTS 1003-A401-7-9
93- 391	D-16152-05 K4	2062-62-2CVC-R 17	SUPPORT MODIFICATIONS	
93- 392	D-12667-03 K2	1062-1-62A-355	SUPPORT MODIFICATIONS	
93- 393	D-21328-04 K3	1001-1-01A-435	SUPPORT MODIFICATIONS	
93- 394	D-04632-27	1063-1-63- 10	SUPPORT MODIFICATIONS	ALSO AFFECTS 1063-1-63-12.
93- 395	D-05709-08 K4	1074-74-1RHR-R219	SUPPORT MODIFICATIONS	
93- 397	D-05709-08 K2	1074-74-1RHR-R136	SUPPORT MODIFICATIONS	
93- 398	D-05709-08 K1	1074-74-1RHR-R135	SUPPORT MODIFICATIONS	
93- 399	D-04536-04	1001-400- 6-284	SUPPORT MODIFICATIONS	ALSO AFFECTS 1001-A400-6-281, -283, AND -286.
93- 400	92-12752-00	1063-435- 8- 56	REPLACED CLAMPS	
93- 401	D-04667-04	1063-63-1SIS-R138	SUPPORT MODIFICATIONS	ALSO AFFECTS 1063-63-1SIS-R141, -R144, -R147, AND -R148

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93- 402	D-06015-03	1001-400-11- 29	SUPPORT MODIFICATIONS	
93- 403	D-04632-28	1063-1-63-458	REWORKED PER DCN P-04632-B	
93- 404A	D-23449-01	1-PDO - 8 - 20	PIPE WHIP RESTRAINT	
93- 405	D-21328-03	1001-1-01A-308	SUPPORT MODIFICATIONS	
93- 407	D-04537-08	1001-400- 6-143	SUPPORT MODIFICATIONS	DUPLICATE TRACKING NUMBER ISSUED IN ERROR. ALSO AFFECTS 1001-A400-6-149 AND 1001-A400-6-151.
93- 407	D-06013-02 K2	1001-400-11- 13	SUPPORT MODIFICATIONS	DUPLICATE TRACKING NUMBER ISSUED IN ERROR.
93- 408	D-06180-02	2070-70-2CC-R 48	SUPPORT MODIFICATIONS	
93- 409	D-04667-02 K4	1063-63-1SIS-R112	SUPPORT MODIFICATIONS	
93- 410	D-04667-02 K3	1063-63-1SIS-R111	SUPPORT MODIFICATIONS	
93- 411	D-04667-02 K1	1063-63-1SIS-R105	SUPPORT MODIFICATIONS	
93- 412	D-04535-01	1003-1-03A-401	SUPPORT MODIFICATIONS	ALSO AFFECTS 1003-1-03B- 53, 1003-A401-8-1 AND 1003-1-03A-420.
93- 413	D-04528-10	1003-1-03A-380	SUPPORT MODIFICATIONS	ALSO AFFECTS 1003-1-03A-381 AND 1003-1-03A-382.
93- 414	D-27585-05	1063-1-63-200	SUPPORT MODIFICATIONS	
93- 415	D-21328-21 K2	1074-74-1RHR-R 6	SUPPORT MODIFICATIONS	
93- 416	93-26786-00	1061-462-12- 2	SUPPORT MODIFICATIONS	
93- 417	D-04529-04	1003-1-03A-483	SUPPORT MODIFICATIONS	ALSO AFFECTS 1003-1-03A-486 AND 1003-1-03A-485.
93- 418	D-04632-26	1063-1-63- 6	SUPPORT MODIFICATIONS	ALSO AFFECTS 1063-1-63-8.
93- 419	D-04632-07	1063-1-63- 31	SUPPORT MODIFICATIONS	ALSO AFFECTS 1063-1-63-444, -453, -455, AND -456.
93- 420	D-21328-21 K3	1074-74-1RHR-R 3	SUPPORT MODIFICATIONS	

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93- 421	D-23449-02	1-PDO - 8 - 21	PIPE WHIP RESTRAINT MODIFICATIONS	
93- 422	D-23449-03	1001-1-01A-432	PIPE SUPPORT MODIFICATIONS	ALSO AFFECTS PIPE WHIP RESTRAINT 1-PDO-7-50.
93- 423	D-05621-01 K1	1072-72-1CS-R 17	PIPE SUPPORT MODIFICATIONS	
93- 424	D-27585-08	1063-1-63-525	PIPE SUPPORT MODIFICATIONS	ALSO AFFECTS 1063-1-63-524.
93- 425	D-04632-05	1063-1-63- 1	PIPE SUPPORT MODIFICATIONS	ALSO AFFECTS 1063-1-63-2
93- 426	D-27585-03	1063-1-63-470	PIPE SUPPORT MODIFICATIONS	
93- 427	D-23449-04	1-PDO - 7 - 51	PIPE WHIP RESTRAINT MODIFICATIONS	
93- 428	D-15892-16	1062-406- 7- 89	PIPE SUPPORT MODIFICATIONS	
93- 429	D-21328-05 K1	1003-1-03A-450	PIPE SUPPORT MODIFICATIONS	
93- 430	D-23990-03	1077-482- 1- 7	PIPE SUPPORT MODIFICATIONS	
93- 431	D-04515-06 K3	1001-400- 7- 44	PIPE SUPPORT MODIFICATIONS	
93- 432	D-04515-06 K2	1001-400- 7- 38	PIPE SUPPORT MODIFICATIONS	
93- 433	D-05709-06 K5	1074-74-1RHR-R 94	PIPE SUPPORT MODIFICATIONS	
93- 434	D-03206-40	1-RADS-997 - 100	PIPE SUPPORT MODIFICATIONS	
93- 435	93-23421-00	1063-1-63-454	REPLACED THE LOWER SNUBBER	
93- 436	D-04528-02	1003-1-03A-369	PIPE SUPPORT MODIFICATIONS	
93- 437	D-04522-01	1003-1-03A-200	PIPE SUPPORT MODIFICATIONS	
93- 438	D-04522-01	1003-1-03A-201	PIPE SUPPORT MODIFICATIONS	
93- 439	D-21328-15	1068-1-68- 18	PIPE SUPPORT MODIFICATIONS	
93- 440	D-06011-03	1001-1-01A-382	PIPE SUPPORT MODIFICATIONS	ALSO AFFECTS 1001-1-01A-384 AND -385.
94- 1	D-06012-04	1001-1-01A-434	PIPE SUPPORT MODIFICATIONS	ALSO AFFECTS 1001-1-01A-435, -437, AND -439.
94- 2	93-27325-00	1068-1-68- 92	REPLACED DAMAGED BOLTING	

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94- 3	93-24342-02	1063-1-63- 7	SHIMED SUPPORT TO ACHIEVE PROPER SLOPE	
94- 5	D-20758-02	1003-427- 5- 5	MODIFIED SUPPORTS	
94- 6	D-04635-02	1063-1-63-418	ADDED NEW BASEPLATE	
94- 7	93-16780-00	1068-1-68-365	REPLACED SNUBBER	
94- 8	D-04514-02	1001-400- 6- 69	SUPPORT MODIFICATION	
94- 10	93-23032-00	1-TANK- 62 - 129	REPLACED ALL MANWAY BOLTS AND NUTS	
94- 14	D-04534-07	1003-1-03A-460	SUPPORT MODIFICATIONS	ALSO AFFECTS 1001-1-03A-461 AND -462.
94- 15	D-16448-34	1067-450-22- 23	SUPPORT MODIFICATIONS	ALSO AFFECTS 1067-A450-22-24, -34, -35, -55, AND -89.
94- 16	D-16469-09 K6	1077-482- 1- 24	SUPPORT MODIFICATIONS	
94- 17	D-05622-01	1072-437- 5- 10	SUPPORT MODIFICATIONS	
94- 18	D-04522-07	1003-1-03A-209	SUPPORT MODIFICATIONS	
94- 19	93-23420-00	1001-1-01A-343	REPLACED MISSING LOAD PINS FOR THE SNUBBER	DUPLICATE TRACKING NUMBER ISSUED IN ERROR.
94- 19	93-12976-00	1068-1-68- 1	SUPPORT MODIFICATIONS	DUPLICATE TRACKING NUMBER ISSUED IN ERROR.
94- 20	D-19871-101	1072-72-4333-217	SUPPORT MODIFICATIONS	
94- 21	D-16449-35	1067-450-22-140	ADDED WELD METAL	ALSO AFFECTS 1067-A450-22- 18
94- 22	D-16449-35	1067-450-22-123	MODIFIED SUPPORTS	ALSO AFFECTS 1067-A450-22-32.
94- 23	D-16448-33	1067-450-22-132	MODIFIED SUPPORTS	
94- 24	D-16448-33	1067-450-22-186	MODIFIED SUPPORTS	ALSO AFFECTS 1067-A450-22-187
94- 25	D-05709-02	1074-435- 1- 47	MODIFIED SUPPORTS	ALSO AFFECTS 1074-A435-1-57 AND 1074-74-1RHR-R1
94- 26	D-06011-02 K1	1001-1-01A-388	MODIFIED SUPPORTS	
94- 27	D-04537-01	1001-400- 6-106	SUPPORT MODIFICATIONS	ALSO AFFECTS 1015-A400- 6-104 AND -115.

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94- 28	D-04632- 25	1063-1-63- 4	SUPPORT MODIFICATIONS	ALSO AFFECTS 1063-1-63-5.
94- 29	D-16449-38	1067-450-22-169	SUPPORT MODIFICATIONS	
94- 30	K-P03579A-3	1-PMP - 68 - 8	INSTALLATION OF RCP CARTRIDGE SEALS INCLUDING NEW NUMBER 2 SEAL HOUSINGS.	ALSO AFFECTS 1-PMP-68-31, -50, AND -73.
94- 31	D-04535-02 K1	1003-1-03A-429	SUPPORT MODIFICATIONS	
94- 32	93-24330-11	1063-1-63-303	SUPPORT MODIFICATIONS	
94- 34	D-04534-02	1003-427- 5- 5	SUPPORT MODIFICATIONS	ALSO AFFECTS 1003-1-03B-38 AND -39.
94- 35	93-24330-15	1063-1-63-408	SUPPORT MODIFICATIONS	
94- 36	93-24330-13	1063-1-63-394	SUPPORT MODIFICATIONS	
94- 37	93-24330-04	1063-1-63-177	SUPPORT MODIFICATIONS	
94- 38	93-24347-06	1063-1-63-525	SUPPORT MODIFICATIONS	
94- 39	93-24342-10	1063-63-1SIS-R217	SUPPORT MODIFICATIONS	
94- 40	93-16780-01	1068-1-68-365	REPLACED SNUBBER	
94- 41	93-24394-02	1063-1-63-164	REPLACED SNUBBER	
94- 42	93-24330-02	1063-1-63-155	REWORKED SUPPORT GAPS	
94- 43	93-24330-09	1063-1-63-283	REWORKED SUPPORT GAPS	
94- 44	93-24383-06	1062-1-62A-333	ADDED SHIM PLATES	
94- 45	D-04529-03	1003-03B-1AFW-R239		
94- 46	93-25687-01	1001-400- 6- 73	REPLACED SNUBBER	
94- 47	94-00104-00	1068-1-68-412	REPLACED SNUBBER	
94- 48	93-24329-08	1062-1-62A-248	REPLACED BOLTING TO MEET THREAD ENGAGEMENT REQUIREMENTS	
94- 49	93-25809-06	1001-400-62- 74	REPLACED SNUBBER	
94- 50	93-06606-01	1063-1-63-344	REPLACED SNUBBER	

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94- 51	94-02292-01	1-FCV - 70 - 134 -B	REPLACED BONNET STUD (1) AND NUTS (2)	
94- 52A	D-04527-01 K2	1003-1-03A-331	SUPPORT MODIFICATIONS	
94- 52B	93-15603-02	1063-1-63-596	REPLACED SNUBBER	
94- 53	94-01905-00	1062-62-1CVC-R106	REPLACED STRUT WITH BENT PADDLE.	
94- 54	93-25687-00	1001-400- 6- 79	REPLACED SNUBBER	
94- 55	93-24383-03	1062-1-62A-227	REWORKED PIPE SUPPORT GAPS	
94- 56	D-20761-46	1063-1-63- 32	REPLACED DAMAGED END BRACKETS AND U-BOLTS.	
94- 57	94-00332-00	1062-1-62A-377	REPLACED SNUBBER	
94- 58	93-25565-02	1001-400- 6-128	REPLACED SNUBBER	
94- 59	93-24796-02	1062-1-62A-565	REPLACED SNUBBER	
94- 60	08-15735-53	1063-1-63-365	REPLACED PIPE CLAMP AND FORWARD BRACKET.	
94- 61	93-16834-00	1063-1-63-548	REPLACED SNUBBER	
94- 62	93-21903-00	1001-400- 6-109	REPLACED SNUBBER	
94- 63	D-27585-09	1063-435- 6-109	SUPPORT MODIFICATIONS	ALSO AFFECTS 1063-A435-6-110.
94- 65	D-04491-05	1072-437- 3- 10	INSTALLED NEW PIPE SUPPORT	
94- 66	93-24383-04	1062-1-62A-230	ADDED SHIMS TO SATISFY GAP CRITERIA.	
94- 67	93-10244-00	1062-62-1CVC-R153	REPLACED ROD AND TURNBUCKLE	ALSO AFFECTS 1062-62-1CVC-R153
94- 68	D-04588-03	1062-1-62A-150	SUPPORT MODIFICATIONS	
94- 69	D-04525-02 K3	1003-1-03A-291	SUPPORT MODIFICATIONS	
94- 70	D-04525-02 K2	1003-1-03A-289	SUPPORT MODIFICATIONS	
94- 71	D-04528-02	1003-1-03A-366	SUPPORT MODIFICATIONS	Also affects 1003-1-03A-368.
94- 72	D-05601-03	1072-72-1CS-R 25	REMOVED IXISTING TUBE STEEL SUPPORT AND INSTALLED NEW ANCHORS, BASEPLATE,	

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94- 73	D-04642-07	1063-1-63-362	SUPPORT MODIFICATIONS	ALSO AFFECTS 1063-1-63-379
94- 74	93-24171-09	1001-400- 6-192	REPLACED DAMAGED U-BOLT.	
94- 75	94-02678-00	1063-63-1SIS-R161	DELETED SUPPORT	
94- 76	94-01865-00	1-PMP - 62 - 108 -A	REPLACED MECHANICAL SEAL ASSEMBLY (INCLUDES SEAL PLATE)	
94- 77	93-24169-00	1001-400- 6-229	ADDED WELD TO UNDERSIZED WELD ON SPACER PLATE	
94- 78	93-24171-05	1001-400- 6-145	ADDED WELD METAL TO SHIM PLATE	
94- 79	93-24289-00	1062-1-62A-716	ADDED WELD METAL TO SHIM PLATE	
94- 80	94-01584-00	1063-435- 1- 47	REPLACED STRUT PIN AND HARDWARE	
94- 81	93-24171-06	1001-400- 6-164	INSTALLED NEW CLAMP ASSEMBLY	
94- 82	D-04591-10	1062-1-62A-522	SUPPORT MODIFICATIONS	ALSO AFFECTS 1062-1-62A-538 AND 1062-1-62A-621.
94- 83	D-04524-01 K4	1003-1-03A-249	SUPPORT MODIFICATIONS	
94- 84	D-21328-22	1062-1-62A-357	SUPPORT MODIFICATIONS	
94- 85	D-21328-25 K1	1001-400- 7- 46	SUPPORT MODIFICATIONS	
94- 86	D-04535-02	1003-1-03A-412	SUPPORT MODIFICATIONS	ALSO AFFECTS 1003-1-03A-418
94- 87	D-21328-29	1003-401- 8- 1	SUPPORT MODIFICATIONS	
94- 88	94-24143-00	1001-400- 6-235	ADDED WELD TO THE END BRACKET TO ITEM #4.	
94- 89	D-20761-01 K4	1063-1-63- 80	INSTALLED BELVILLE WASHERS	
94- 90	D-20761-01 K2	1063-1-63- 38	INSTALLED BELVILLE WASHERS	
94- 91	93-24289-05	1062-1-62A-490	ADDED WELD METAL TO SHIM PLATE	
94- 91A	D-04667-18	1063-63-1SIS-R137	DELETED SUPPORT	
94- 92	D-05620-05	1072-72-1CS-R 56	SUPPORT MODIFICATIONS	ALSO AFFECTS 1072-72-1CS-R67, -R74, AND -R75.

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94- 93	D-06013-02	1001-400-11- 16	SUPPORT MODIFICATIONS	
94- 94	93-24394-01	1063-1-63-131	REPLACED ITEM #8 (ROD) & LOWER ITEM #5 (WELDLESS EYE NUT)	
94- 95	93-15887-10	1003-1-03B- 38	ADDED SHIMS FOR PROPER GAP REQUIREMENTS.	
94- 96	D-20761-01 K3	1063-1-63- 55	INSTALLED BELLEVILLE WASHERS	
94- 97	D-20761-01 K1	1063-1-63- 21	INSTALLED BELLEVILLE WASHERS	
94- 98	D-04584-04	1062-1-62A- 16	SUPPORT MODIFICATIONS	
94- 99	D-04665-03 K1	1063-63-1SIS-R287	SUPPORT MODIFICATIONS	
94- 100	D-04631-01 K3	1001-400- 6-259	SUPPORT MODIFICATIONS	
94- 101	D-21328-33	1062-1-62A-364	SUPPORT MODIFICATIONS	
94- 102	D-20761-04 K2	1063-63-1SIS-R140	INSTALLED BELLEVILLE WASHERS AND U-BOLTS	
94- 103	D-20761-04 K3	1063-63-1SIS-R142	INSTALLED BELLEVILLE WASHERS AND U-BOLTS	
94- 104	D-20761-04 K4	1063-63-1SIS-R162	INSTALLED BELLEVILLE WASHERS AND U-BOLTS	
94- 105	D-20761-04 K5	1063-63-1SIS-R164	INSTALLED BELLEVILLE WASHERS AND U-BOLTS	
94- 106	93-24289-15	1062-1-62A- 88	ADDED WELD METAL TO SHIM PLATE	
94- 107	93-24289-14	1062-1-62A- 87	ADDED WELD METAL TO SHIM PLATE	
94- 108	D-18998-01	1003-1-03A-242	SUPPORT MODIFICATIONS	ALSO AFFECTS 1003-1-03A-243
94- 109	D-12671-02	1063-1-63-227	SUPPORT MODIFICATIONS	ALSO AFFECTS 1063-1-63-228
94- 110	D-21328-18 K2	1072-437- 5- 8	SUPPORT MODIFICATIONS	
94- 111	93-24329-14	1062-1-62A- 46	ADDED WELD METAL TO SHIM PLATE	
94- 112	D-20761-01 K5	1074-432- 3- 3	INSTALLED BELLEVILLE WASHERS	

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94- 113	D-21328-30	1074-74-1RHR-R 58	SUPPORT MODIFICATION	ALSO AFFECTS 1071-71-1RHR-R174
94- 114	D-04511-02	1003-03B-1AFW- 202	SUPPORT MODIFICATION	
94- 115	D-06010-02	1001-1-01A-350	SUPPORT MODIFICATION	ALSO AFFECTS 1001-1-01A-352
94- 116	D-04528-09	1003-060- 3- 1	SUPPORT MODIFICATION	
94- 117	D-21328-07 K3	1062-62-1CVC-R 57	SUPPORT MODIFICATION	
94- 118	D-21328-07 K2	1062-1-62A- 6	SUPPORT MODIFICATION	
94- 119	D-12673-03 K1	1063-63-1SIS-V179	SUPPORT MODIFICATION	
94- 120	D-00853-03	1062-1-62A-154	SUPPORT MODIFICATION	
94- 121	D-04535-07	1003-1-03A-421	SUPPORT MODIFICATION	ALSO AFFECTS 1003-1-03A-422 AND 1003-A401-7-1.
94- 122	D-21328-11 K4	1062-62-1CVC-R 21	SUPPORT MODIFICATION	
94- 123	D-21328-03	1001-1-01A-348	SUPPORT MODIFICATION	ALSO AFFECTS 1001-1-01A-350
94- 125	D-04633-01	1063-1-63- 42	SUPPORT MODIFICATIONS	ALSO AFFECTS 1063-1-63-88, 1063-1-63-57, AND 1063-A435-8-75.
94- 126	94-00596-01	1062-62-1CVC-R 13	SUPPORT MODIFICATIONS	
94- 127	93-25809-07	1001-400- 6- 94	REPLACED DEFECTIVE SNUBBER	
94- 128	93-24795-01	1062-1-62A-625	REPLACED DEFECTIVE SNUBBER	
94- 129	93-15695-02	1074-74-1RHR-R196	REPLACED DEFECTIVE SNUBBER	
94- 130	93-15599-02	1063-1-63-467	REPLACED DEFECTIVE SNUBBER	
94- 131	93-25809-09	1001-400- 6- 83	REPLACED DEFECTIVE SNUBBER	
94- 132	93-25918-01	1063-1-63-445	REPLACED DEFECTIVE SNUBBER	
94- 133	93-15603-01	1063-1-63-116	REPLACED DEFECTIVE SNUBBER	
94- 134	93-27676-04	1063-63-1SIS-R192	REPLACED DEFECTIVE SNUBBER	
94- 135	93-27676-06	1063-63-1SIS-R275	REPLACED DEFECTIVE SNUBBER	

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94- 136	93-27676-07	1063-63-1SIS-R276	REPLACED DEFECTIVE SNUBBER	
94- 137	D-04633-02	1063-1-63- 58	SUPPORT MODIFICATIONS	ALSO AFFECTS 1063-1-63-73 AND -76.
94- 138	D-05922-05	1074-1-74- 24	SINATLLED NEW BOLTING MATERIAL PER 1-74-24 SHEETS 1 AND 2 AND DCA . P-05922-02.	
94- 139	93-24342-09	1063-63-1SIS-R118	REMOVED AND RELOCATED EXISTING W 4x13 BEAM.	
94- 140	08-15738-51	1063-1-63-153	REPLACED REMOVED SUPPORT.	
94- 141	93-24444-00	1074-74-1RHR-R171	REPLACED BENT PADDLE ON BRACKET END OF SWAY STRUT.	
94- 142	D-06012-02	1001-1-01A-420	SUPPORT MODIFICATIONS	ALSO AFFECTS 1001-4-01A-425, -426, -428, AND -430.
94- 143	D-20758-08	1003-03B-1AFW-R187	SUPPORT MODIFICATIONS	
94- 144	D-06012-03	1001-1-01A-422	SUPPORT MODIFICATIONS	ALSO AFFECTS 1001-1-01A-423, -424, -429, AND -431.
94- 145	D-21328-04	1001-1-01A-429	SUPPORT MODIFICATIONS	ALSO AFFECTS 1001-1-01A-392 AND -389.
94- 146	D-04529-06	1003-1-03A-492	SUPPORT MODIFICATIONS	ALSO AFFECTS 1003-1-03A-494, -496, AND -497.
94- 146	93-24289-01	1062-1-62A-220	INCREASED WELD SIZE BETWEEN ITEMS 4 AND 2.	DUPLICATE TRACKING NUMBERS TAKEN OUT IN ERROR.
94- 147	D-04632-08	1063-1-63-464	SUPPORT MODIFICATIONS	ALSO AFFECTS 1063-1-63-480.
94- 148	D-21328-07 K1	1062-1-62A- 2	SUPPORT MODIFICATIONS	
94- 149	D-21328-46	1003-1-03A-453	REWORKED THE BELLEVILLE WASHERS.	
94- 150	D-20761-51	1063-1-63-411	SUPPORT MODIFICATIONS	
94- 151	D-21328-15 K3	1068-1-68-427	INSTALLED BELLEVILLE WASHERS ON EXISTING U-BOLTS.	
94- 152	D-05922-04	1074-1-74- 4	MODIFIED ANCHORS AND BASEPLATE	

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94- 153	D-04538-09	1001-400- 6-242	SUPPORT MODIFICATIONS.	
94- 154	D-05709-06	1074-74-1RHR-R 86	SUPPORT MODIFICATIONS.	
94- 156	93-08504-00	1074-74-1RHR-R 40	SUPPORT MODIFICATIONS.	
94- 157	D-04535-06	1003-1-03A-409	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1003-1-03A-410, -411, AND -415.
94- 158	D-19871-53	1072-433- 3-215	SUPPORT MODIFICATIONS.	
94- 159	D-27528-36	1063-060-63- 99	SUPPORT MODIFICATIONS.	
94- 160	D-04525-03	1003-1-03A-281	SUPPORT MODIFICATIONS.	
94- 161	93-24394-09	1063-1-63-573	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1063-1-63-285.
94- 162	93-24182-02	1001-400- 6-250	SUPPORT MODIFICATIONS.	
94- 163	D-06009-02	1001-1-01A-303	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1001-1-01A-304.
94- 164	D-21452-01	1062-060-62- 19	REMOVED SUPPORT	
94- 165	D-17533-09	1090-600-105- 6	MODIFIED SUPPORT	
94- 166	D-27585-10	1063-1-63-533	MODIFIED SUPPORT	
94- 167	D-04524-01 K1	1003-1-03A-241	MODIFIED SUPPORT	
94- 168	D-05623-02	1072-437- 5- 9	MODIFIED SUPPORT	
94- 169	D-21328-12 K4	1062-62-1CVC-R 1	INSTALLED BELLEVILLE WASHERS	
94- 170	93-25809-08	1001-400- 6-277	REPLACED SNUBBER	
94- 172	93-15700-01	1074-1-74-748	REPLACED SNUBBER	
94- 173	93-15599-03	1063-1-63-156	REPLACED SNUBBER	
94- 174	93-11849-01	1062-1-62A-345	REPLACED SNUBBER	
94- 175	93-13550-03	1063-1-63-121	REPLACED SNUBBER	
94- 176	93-15603-04	1063-1-63-491	REPLACED SNUBBER	

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94- 177	93-22571-02	1003-1-03A-321	REPLACED SNUBBER	
94- 178	93-25758-01	1001-400-11- 54	REPLACED SNUBBER	
94- 179	93-24329-02	1062-1-62A- 33	REPLACED PIPE CLAMP	
94- 180A	93-15887-14	1003-1-03B- 69	REMOVED SHIM PLATE TO OBTAIN PROPER GAP.	
94- 180B	D-04515-06	1001-400- 7- 19	SUPPORT MODIFICATIONS	Also affects 1001-A400-7-46 and 1001-A400-7-55.
94- 182	93-27676-14	1063-63-1SIS-R248	REPLACED SNUBBER	
94- 183	93-27676-18	1063-63-1SIS-R251	REPLACED SNUBBER	
94- 184	93-27676-17	1063-63-1SIS-R250	REPLACED SNUBBER	
94- 185	93-27676-13	1063-63-1SIS-R248	REPLACED SNUBBER	
94- 186	93-22568-02	1003-427- 1- 5	REPLACED SNUBBER	
94- 187	93-15475-01	1063-1-63-520	REPLACED SNUBBER	
94- 188	93-15776-02	1003-427- 3- 11	REPLACED SNUBBER	
94- 189	93-27993-01	1063-63-1SIS-R114	REPLACED SNUBBER	
94- 190	93-13951-01	1001-400- 6-198	REPLACED SNUBBER	
94- 191	93-13598-02	1001-1-01A-380	REPLACED SNUBBER	
94- 192	93-15401-01	1001-1-01A-340	REPLACED SNUBBER	
94- 193	94-00062-00	1001-1-01A-303	REPLACED SNUBBER	
94- 194	93-16306-00	1001-1-01A-383	REPLACED SNUBBER PIVOT PIN	
94- 195	93-15654-01	1001-1-01A-303	REPLACED SNUBBER PIVOT PIN	
94- 196	93-16301-00	1001-1-01A-303	REPLACED SNUBBER PIVOT PIN	
94- 197	93-13598-03	1001-1-01A-383	REPLACED SNUBBER PIVOT PIN	
94- 198	93-15475-02	1063-1-63-520	REPLACED SNUBBER PIVOT PIN	

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94- 199	94-05295-00	1003-427- 5- 4	ROTATE END ATTACHMENT OF SNUBBER AND REWELD	
94- 200	93-24323-03	1062-1-62A- 83	ADD SHIM	
94- 201	93-24323-04	1062-1-62A- 84	ADD SHIM	
94- 202	D-18401-01	1003-1-03A-202	SUPPORT MODIFICATIONS	
94- 203	D-05623-02 K1	1072-72-1CS-R109	SUPPORT MODIFICATIONS	
94- 204	D-05623-02	1072-72-1CS-R110	SUPPORT MODIFICATIONS	
94- 205	D-04667-21	1063-63-1SIS-R138	REMOVED EXISTING SUPPORT AND INSTALLED NEW BASEPLATE, ANCHORS, CLAMP AND REINSTALLED SUPPORT USING EXISTING SWAY STRUT.	
94- 206	93-24329-15	1062-1-62A- 58	REMOVED EXISTING SHIM AND REPLACED	
94- 207	93-24289-02	1062-1-62A-299	REMORK PIPE SUPPORT GAPS.	
94- 208	D-04638-01	1063-1-63-238	SUPPORT MODIFICATIONS	ALSO AFFECTS 1063-1-63-587.
94- 209	93-24329-06	1062-1-62A-198	SUPPORT MODIFICATIONS	
94- 210	93-24289-11	1062-1-62A- 79	ADDED WELD TO SHIM PLATE.	
94- 211	92-09387-00	1068-1-68-415	REPLACED SPACER PLATES ON SUPPORT	
94- 213	93-24879-00	1-FE - 62 - 137	REPLACED BOLTING MATERIAL FOR FLOW ELEMENT.	
94- 214	94-03831-00	1063-1-63-452	REPLACED FORWARD ATTACHMENTS	
94- 215	D-20758-13	1003-03B-1AFW-R175	SUPPORT MODIFICATIONS.	
94- 216	D-12667-03	1062-1-62A-377	SUPPORT MODIFICATIONS.	
94- 217	D-12667-03	1062-1-62A-357	SUPPORT MODIFICATIONS.	
94- 218	D-20761-02	1063-1-63- 30	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1063-1-63-64, -398, -454, -462, AND -591.
94- 219	93-24289-16	1062-1-62A- 93	SUPPORT MODIFICATIONS.	

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94- 220	D-04537-11	1001-400- 6-115	ADDED BASE PLATE AND SHORTENED CLAMP EARS.	
94- 221	93-24383-15	1062-1-62A-145	ADDED SHIIM PLATE TO CORRECT SUPPORT GAP.	
94- 222	93-24289-03	1062-1-62A- 42	SUPPORT MODIFICATIONS	
94- 223	D-04667-20	1063-63-1SIS-R162	SUPPORT MODIFICATIONS	
94- 224	D-20761-57	1063-63-1SIS-R140	SUPPORT MODIFICATIONS	
94- 225	D-04534-01	1003-1-03A-453	SUPPORT MODIFICATIONS	ALSO AFFECTS 1003-1-03A-458 AND -459.
94- 226	D-21328-27	1001-400- 6- 83	SUPPORT MODIFICATIONS	ALSO AFFECTS 1001-A400-6-114 AND -
94- 228	D-20761-56	1063-63-1SIS-R164	SUPPORT MODIFICATIONS	
94- 229	D-04586-01	1062-1-62A- 70	REMOVED EXISTING CONFIGURATION AND INSTALLED NEW CONFIGURATION.	
94- 230	D-05792-12	1068-1-68- 18	SUPPORT MODIFICATIONS	
94- 231	D-04534-09	1003-1-03A-450	SUPPORT MODIFICATIONS	
94- 232	D-04534-08	1003-1-03A-449	SUPPORT MODIFICATIONS	
94- 233	93-24479-00	1001-400- 6-184	SUPPORT MODIFICATIONS	
94- 234	D-27528-42	1063-060-63- 92	ADDED INSTRUMENT LINE SUPPORT 1-ISLS-997-3432	
94- 235	D-16469-09	1077-482- 1- 21	SUPPORT MODIFICATIONS.	
94- 236	D-06011-02	1001-1-01A-389	SUPPORT MODIFICATIONS.	ALSO AFFECTS 1001-1-01A-392
94- 237	94-06044-00	1001-400- 6-128	REPLACED PIN AND READJUSTED CLAMP.	
94- 238	93-08340-00	1070-1-70- 33	REMOVED SHIM PLATE	
94- 240	93-08459-00	1070-1-70- 10	ADDED SHIM TO SUPPORT	
94- 241	93-07053-00		REPLACED DAMAGED SNUBBER	
94- 242	93-24359-00	1063-435- 7- 50	REPLACED CLAMPS, THREADED ROD, NUTS AND WASHERS.	

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94- 243	93-24383-16	1062-1-62A-155	ADDED SPACER PLATES.	
94- 244	94-05751-00	1063-1-63-201	DRILLED HOLES IN ANGLE IRON TO ACCOMODATE PIN REMOVAL.	
94- 245	D-12667-05	1062-1-62A-366	SUPPORT MODIFICATIONS.	
94- 246	93-08457-00	1070-1-70- 2	REPLACED SHIM PLATE WITH THICKER SHIM TO GET GAP.	
94- 247	93-07053-00		REPLACED 6 INCH PIPE CLAMP.	
94- 248	93-15887-08	1003-1-03A-282	REMOVED EXISTING HIM AND WELDED IN NEW SHIM.	
94- 249	93-24383-01	1062-1-62A-200	WELDED HIM BEHIND BASE PLATE FOR GAP REQUIREMENTS.	
94- 250	D-04536-01	1001-400- 6-263	SUPPORT MODIFICATIONS	
94- 251	92-09220-00	1074-1-74- 14	REPLACED CLAMP.	
94- 252	D-04632-30	1063-1-63-453	SUPPORT MODIFICATIONS	
94- 253	D-21328-61	1062-1-62A- 34	SUPPORT MODIFICATIONS	
94- 254	93-08535-00	1070-1-70- 32	REPLACED SHIM.	
94- 255	D-21328-60	1062-1-62A- 2	SUPPORT MODIFICATIONS	
94- 256	D-04632-22	1063-1-63- 15	SUPPORT MODIFICATIONS	ALSO AFFECTS 1063-1-63-18, -27, -29, AND -38.
94- 257	D-21328-59	1074-1-74- 7	SUPPORT MODIFICATIONS	
94- 258	D-20758-15	1003-1-03A-482	REPLACED U-BOLTS AND BELLEVILLE WASHERS	
94- 259	94-01033-07	1062-62-1CVC-R 55	REPLACED SHIM MATERIAL	
94- 260	D-21328-50	1062-1-62A-345	SUPPORT MODIFICATIONS	
94- 261	D-04535-04	1003-427- 6- 1	SUPPORT MODIFICATIONS	ALSO AFFECTS 1003-1-03A-402, -428, AND -416.

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94- 262	D-21328-52	1001-400- 6-196	REMOVED BELLEVILLE WASHERS AND MODIFIED SUPPORT.	
94- 263	D-05922-06	1074-1-74- 8	REPLACED SNUBBER AND MODIFIED SUPPORT.	
94- 264	93-24383-12	1062-1-62 -115	Weld shim to minimize gap requirements.	
94- 265	D-20761-61	1063-1-63-462	SUPPORT MODIFICATIONS	
94- 266	D-21328-53	1062-1-62A- 6	RELOCATED REAR BRACKET	
94- 267	D-06263-07	1068-1-68- 31	SUPPORT MODIFICATIONS	
94- 268	D-12669-01	1063-435- 6-108	INSTALLED PIPE CLAMP	
94- 269	D-21328-06	1003-1-03A-280	Installed and documented Belleville washers installation on 1-28-94. Belleville washers deleted per F-DCN F-29749-A on 03/15/94.	
94- 270	93-24342-00	1063-1-63-524	Welded shim to hanger.	
94- 271	92-11132-00	1-ACUM- 63 - 3	Repaired accumulator by welding as required.	
94- 272	D-21328-06	1003-1-03A-200	Installed belleville washers per DCN M-21328-A	
94- 273	D-21328-06	1003-1-03A-240	Installed belleville washers per DCN M-21328-A	
94- 274	D-04632-31	1063-1-63- 38	Modified support.	
94- 275	D-21328-55	1074-1-74- 20	Modified support.	
94- 276	93-24383-09	1062-1-62A- 80	Added shim plate.	
94- 277	D-06034-15	1068-1-68-427	Modified support.	
94- 278	D-06263-08	1068-1-68- 36	Modified support.	Also affects 1068-1-68-35.
94- 279	D-05792-13	1068-1-68- 22	Modified support.	Also affects 1068-1-68-25.
94- 280	D-04525-01 K1	1003-1-03A-280	Modified support by removing existing snubbers, tube steel, u-bolts and	

belleville washers. Installed new snubber and pipe clamp.

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94- 281	94-01689-00	1001-400- 6-270	Replaced eyenuts on rod hanger.	
94- 282	D-04527-02 K1	1003-1-03A-320	Removed existing configuration. Installed new configuration.	
94- 283	93-24330-14	1063-1-63-403	Added weld to existing stanchion plate. Added shim plate.	
94- 284	D-20761-65	1063-1-63- 39	Modified existing pipe support.	
94- 285	D-04633-06	1063-1-63- 80	Modified support.	
94- 286	D-20761-64	1063-1-63- 81	Installed new pipe clamp.	
94- 287	D-04632-29	1063-1-63-454	Modified support.	
94- 288	92-07476-00	1-CKV - 3 - 832 -A	Removed swingarm and disc from 2-CKV-3-832-A and installed in unit 1 valve.	
94- 289	93-25565-08	1001-400- 6-233	Replaced snubber pivot pin.	
94- 290	93-27974-01	1063-1-63-452	Replaced snubber	
94- 291	93-11853-02	1068-1-68-415	Replaced snubber	
94- 292	93-22569-03	1003-427- 5- 4	Replaced snubber	
94- 293	93-15599-05	1063-1-63-480	Replaced snubber	
94- 294	93-12547-02	1063-1-63-196	Replaced snubber	
94- 295	93-15599-07	1063-1-63- 30	Replaced snubber	
94- 296	93-15695-04	1074-432- 2- 1	Replaced snubber	
94- 297	93-24330-17	1063-1-63-321	Installed shim plates.	
94- 298	94-06707-00	1063-435-10- 22	Replaced snubber.	
94- 299	93-27676-22	1063-63-1SIS-R242	Replaced snubber.	
94- 300	93-12547-07	1063-1-63- 73	Replaced pipe clamp.	
94- 301	93-21857-04	1001-1-01A-428	Replaced snubber.	

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94- 302	93-21857-02	1001-1-01A-313	Replaced snubber.	
94- 303	D-06012-17	1001-1-01A-424	Modified support by removing bellefville washers and u-bolt and installed pipe clamp.	
94- 304	94-01033-03	1062-62-1CVC-R 69	Replaced the restrain end attachment	
94- 305	D-04528-13	1003-1-03A-361	added welds between items 1 and 4 on support.	
94- 306	D-04522-08	1003-1-03A-200	Modified support items 1 and 4 on support.	
94- 307	94-06403-00	1063-1-63- 22	Installed a new end attachment and tube steel member.	
94- 308	D-20761-01	1063-1-63-572	Modified pipe support.	
94- 309	D-21401-03	1072-437- 3- 11	Installed new support.	Also affects 1072-437-3-12 and -13
94- 310	93-27647-02	1063-1-63- 18	Replaced snubber.	
94- 311	D-04524-02	1003-1-03A-240	modified support.	
94- 312	94-03779-00	1001-400- 6-112	Replaced snubber.	
94- 313	D-21328-05 K2	1003-1-03A-453	Modified support, installed belleville washers.	
94- 314	D-21328-21 K1	1074-74-1RHR-R101	Modified support by removing existing belleville washers and sway strut and installed new pipe clamp and sway strut.	
94- 315	94-07406-00	1063-435- 8- 52	Modified support	
94- 316	94-04459-00	1-ISV - 62 - 548 -S	Replaced disc.	
94- 317	93-03534-00	1-DRV - 1 - 535	Replaced stem/disc assembly.	
94- 318	D-21328-21 K5	1074-74-1RHR-R 17	Modified support.	
94- 319	D-21328-05 K5	1003-427- 5- 23	Modified support.	

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94- 320	D-20758-16	1003-03B-1AFW-R175	Modified support by installing new items 14 and 15.	
94- 321	D-21328-05 K6	1001-400- 6-200	Modified u-bolt clamp.	
94- 323	D-13991-02	1001-1-01A-347	Modified support.	
94- 324	D-04529-08	1003-060- 3- 5	Modified support.	
94- 325	93-24182-10	1001-400- 7- 43	Added weld metal on support.	
94- 326	D-04529-08 K1	1003-1-03A-503	Modified support	
94- 327	94-07737-00	1-PMP - 74 - 10 -A	Replaced mechanical seal plate.	
94- 328	D-05709-06	1074-74-1RHR-R 64	Reworked support.	
94- 330	92-15967-03	1-PCV - 1 - 30 -B	Replaced trim assembly.	
94- 331	93-12762-00	1063-1-63-362	Attachment of instrument control air supports to structural components of this support.	
94- 332	D-16449-39	1063-450-22-159	Modified support to provide clearance with pipe.	
94- 333	D-21248-11	1090-600-105- 1	Support modification - notched tube steel.	
94- 334	94-08718-02	1-PMP - 74 - 20 -B	Replaced mechanical seal plate.	
94- 335	D-05620-07	1072-72-1CS-R 85	Modified supports.	Also affects 1072-72-1CS-R86, -R93, and -R90.
94- 336	94-00588-00	1062-406- 2- 11	Added weld to shims	Also affects 1062-406-2-8
94- 337A	94-00807-00	1062-555-10- 51	Repaired support.	
94- 337B	D-19866-03	1062-555- 2- 6A-2152	Added new support.	
94- 338A	94-00807-00	1062-555-10- 51	Replaced bolting material on pipe clamp	
94- 338B	93-05580-00	1-PRES- 68 - PR	Replaced bolting material on unit 1 pressurizer manway cover.	

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94- 339A	94-13871-02	1-FCV - 43 - 434 -A	Remove and replace body to bonnet tack weld.	
94- 339B	93-14209-21	1-FCV - 30 - 37 -B	Replaced bolting material on flange connections.	
94- 340B	93-14408-01	1061-462-12- 6	Replaced snubber	
94- 340C	D-05622-03	1072-72-1CS-V143	Changed spring can setting.	Also affects 1072-72-1CS-R124.
94- 341A	93-14407-01	1061-462- 1- 32E	Replaced snubber.	
94- 341B	94-00586-00	1087-435-20- 3	Added weld metal to shim.	
94- 342B	93-14409-01	1061-462- 1- 36E	Replaced snubber.	
94- 343A	D-13988-10	1072-72-1CS-R 89	Replaced the support with new material.	
94- 343B	94-00746-00	1062-62-1CVC-R191	added weld to shim.	
94- 344A	93-26359-00	1-PCV - 68 - 340A-A	Replaced bolting material on upstream flanged connection.	
94- 344B	D-00607-010	1062-1-62A- 22	Cut weld between north kicker and vertical tube steel and rewelded.	
94- 345B	94-13584-00	1-PMP - 74 - 20 -B	Replaced stuffing box extension.	
94- 346A	94-11707-01	1-FCV - 74 - 32	Replaced valve.	
94- 347A	93-06068-00	1-PMP - 62 - 108 -A	Replaced bolting material in the pump suction to piping flange.	Also affects 1-PMP-62-104-B and -101.
94- 347B	D-01238-01	1003-401- 1- 12	Added 1/2" plate and replaces items 3 and 4.	
94- 348A	D-05623-01	1072-72-1CS-R112	Modified support.	
94- 348B	D-19866-01	1062-555- 2- 3- 9	Modified support.	
94- 349A	D-04667-02	1063-63-1SIS-R109	Modified support.	
94- 349B	D-05620-06	1072-72-1CS-R 83	Installed strut clamp and base plate.	

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94- 350A	D-17837-01	1090-600-105- 16	Modify support and install friction anchor.	
94- 350B	D-21328-72	1072-437- 5- 8	Modify support	
94- 351A	93-13963-00	1-CKV - 26 -1296	Replaced missing bolting material.	
94- 351B	94-11423-00	1-CKV - 3 - 638	Replaced bonnet.	
94- 352A	94-11636-00	1-HTX - 62 - 66	Installed new pressure rating tag.	
94- 352B	94-09916-02	1-FCV - 43 - 251 -A	Removed and reinstalled seal weld.	
94- 352C	94-11664-00	1-CKV - 3 - 644	Replaced bonnet.	
94- 353A	94-10070-02	1-FCV - 43 - 342 -A	Removed and reinstalled seal weld.	
94- 353B	D-06009-09	1001-1-01A-308	Modified support by removing 2 sway struts, tube steel "W" section, rear brackets, u-bolts, and belleville washers. Installed one sway strut, plates and clamp.	
94- 354A	D-13988-08	1072-72-1CS-R 66	Modified support	
94- 354B	D-04533-01	1003-1-03A-581	Modified support	Also affects 1003-1-03A-582.
94- 355A	93-09519-00	1062-1-62A- 67	Replaced nuts at support baseplate.	
94- 355B	93-13750-02	1-FSV - 43 - 309 -B	Linear indication repaired on valve body.	
94- 356A	93-13544-02	1-FCV - 43 - 208 -B	Tack welded body to bonnet.	Also affects 1003-1-03A-582.
94- 356B	D-20758-05	1003-03B-1AFW-R146	Installed belleville washers.	Also affects 1003-1-03A-582.
94- 357	D-04531-01	1003-401- 9- 2	Modified supports.	Also affects 1003-401-9-3.
94- 358	D-04535-09	1003-1-03A-429	Modified supports.	
94- 359	D-04667-32	1063-63-1SIS-R115	Modified supports.	
94- 360	D-20761-03	1063-63-1SIS-R182	Installed Belleville washers.	
94- 361	D-12673-06	1063-63-1SIS-R212	Modified supports.	

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94- 362	D-13988-02	1072-72-1CS-R 55	Replaced existing snubber with new snubber.	
94- 363	D-07014-01	1070-70-1CC-R 94	Added stiffner plates to support.	
94- 364	D-20761-54	1063-63-1SIS-R237	Added belleville washers.	
94- 365	D-21328-31	1074-74-1RHR-R133	Added belleville washers.	
94- 366	93-23348-01	1-PMP - 72 - 10 -B	Replaced bolting material in pump suction to piping flange.	
94- 367	D-21328-05	1003-1-03A-582	Modified support.	
94- 368	D-04520-04	1003-03B-1AFW-R184	Modified support.	Also affects 1003-427-4-5
94- 369	D-04521-02	1003-03B-1AFW-R192	Modified support.	Also affects 1003-427-3-2 and 1003-03B-1AFW-R197.
94- 370	D-06012-18	1001-1-01A-439	Removed existing u-bolt, tube steel and belleville washers. Installed new pipe clamp.	
94- 371	D-04531-02	1003-1-03A-544	Modified supports.	Also affects 1003-1-03A-546, -547, and -548.
94- 372	D-05622-02	1072-437- 5- 1	Modified supports.	Also affects 1072-72-1CS-R121.
94- 373	D-21328-17	1072-72-1CS-R 93	Installed belleville washers.	
94- 374	D-06009-08	1001-1-01A-313	Removed existing tube steel, u-bolt, shim plate and belleville washers and rear bracket. Installed new pipe clamp, plate and existing rear bracket.	Also affects 1001-1-01A-315.
94- 375	D-06012-20	1001-1-01A-429	Deleted baseplates, anchors, 2 snubbers, rear brackets, tube steel, u-bolts, and belleville washers. Installed new tube steel structure, snubber and pipe clamp.	
94- 376	D-06012-19	1001-1-01A-427	Removed 2 existing stiffeners on east side of item 3 and reinstalled new stiffeners at a different location.	

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94- 377	D-06010-05	1001-1-01A-352	Modify support.	
94- 378	D-21328-54	1001-1-01A-348	Modify support.	
94- 379	D-14941-47	1072-060-72- 10	Modify support.	
94- 380	D-06011-08	1001-1-01A-394	Modify support.	
94- 381	D-05620-08	1072-72-1CS-R 95	Modify support.	Also affects 1072-72-1CS-R96, -R97, and -R98.
94- 382	93-23348-00	1-PMP - 72 - 27 -B	Replaced bolting material in the pump suction to piping flange.	
94- 384A	D-04508-05	1003-03B-1AFW-R 32	Modified support.	Also affects 1003-03B-1AFW-R 33.
94- 384B	D-21328-21	1074-74-1RHR-R231	Modified support.	
94- 385	D-04667-26	1063-63-1SIS-R129	Modified support.	
94- 386	D-04667-25	1063-63-1SIS-R218	Modified support.	
94- 387	D-04533-02	1003-1-03A-583	Modified support.	Also affects 1003-1-03A-584 and -589.
94- 388	93-23513-00	1072-464- 3-137	Installed new bolts, nuts, and washers.	
94- 389	94-11264-00	1-HTX - 62 - 121	Replaced damaged studs and nuts.	
94- 390	D-04667-27	1063-63-1SIS-R227	Modified support.	
94- 391	D-04667-29	1063-63-1SIS-R206	Modified support.	
94- 392	94-06643-00	1-DRV - 68 - 550 -S	Replaced disc, disc cap, spring guide, spring, pin and diaphragm	
94- 393	D-04522-06	1003-1-03A-208	Added stiffeners to existing tube steel and replaced clamp.	
94- 394	94-11431-00	1-CKV - 63 - 555	Replaced valve disc.	
94- 395	D-04667-22	1063-63-1SIS-R181	Modified support.	
94- 396	D-20761-62	1063-63-1SIS-R182	Modified support.	

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94- 397	D-19866-12	1062-555- 2- 1	Modified support.	
94- 398	D-04522-04	1003-1-03A-206	Reubilt support for check valve slam.	
94- 399	D-06011-07	1001-1-01A-392	Modified support.	
94- 400A	D-06011-09	1001-1-01A-389	Modified support.	
94- 400B	94-10217-00	1-DRV - 68 - 554 -S	Replaced valve bonnet.	
94- 401	D-06010-04	1001-1-01A-350	Modified support.	
94- 402	94-07996-00	1068-1-68-363	Modified support.	Also affects 1068-1-68-364, 1001-400-6-162, and 1063-1-63-159.
94- 403	8258	1068-1-68- 2	Modified support.	
94- 404	E- 5803-1	1072-437- 1- 1	Modified support.	
94- 405	8252	1072-72-1CS-R114	Modified support.	Also affects 1072-72-1CS-R126.
94- 409	92-03286-00	1-RFV - 74 - 505 -S	Replaced pressure retaining parts.	
94- 410	D-04667-31	1063-63-1SIS-R112	Removed existing support consisting of 2 PSA 10 snubbers, channel, u-bolt, plates, pipe, rear brackets and anchors. Installed new baseplate, anchors, steel, clamp, one of the existing PSA 10s with modified extension piece.	
94- 411	94-18927-00	1-RFV - 68 - 688 -S	Replaced bolting material.	
94- 413	D-13988-05	1072-72-1CS-R 61	Modified pipe support.	
94- 414	D-04667-19	1063-63-1SIS-R131	Modified pipe support.	
94- 415	D-11561-16	1062-62-1CVC-V199	Added weld to existing support.	
94- 416	D-13988-09	1072-72-1CS-R 68	Modified pipe support.	
94- 417	4-05601-04	1072-72-1CS-R 3	Modified pipe support.	
94- 418	D-21328-07	1062-62-1CVC-R 72	Modified pipe support.	Also affects 1062-62-1CVC-R73.

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94- 419	94-18912-00	1003-1-03A-548	Welded cap on vertical support.	
94- 420	D-20761-71	1063-435- 3- 5	Modified support.	
94- 421	D-04626-02	1062-62-1CVC-R 49	Added new strut and support.	
94- 422	D-04522-02	1003-1-03A-526	Modified supports.	Also affects 1003-1-03A-527, -528, and -531.
94- 423	94-08718-00	1-PMP - 74 - 10 -A	Replaced unqualified seal assembly and stuffing box extension.	
94- 424	D-04522-01	1003-1-03A-522	Modified pipe supports.	Also affects 1003-1-03-522 and -523.
94- 425	94-08807-00	1030-915- 3- 60	Modified pipe supports.	
94- 426	D-16469-13	1077-482- 1- 21	Deleted washers from support.	
94- 427	D-21328-68	1062-62-1CVC-R 21	Modified pipe support.	
94- 429	D-04527-02	1003-1-03A-327	Modified supports.	
94- 430	94-17738-00	1062-1-62A- 85	Added shims to satisfy gap criteria.	Also affects 1062-1-62A-50.
94- 432A	94-20464-00	1062-62-1CVC-R163	Modified Support.	
94- 432B	D-20758-10	1003-03B-1AFW-R113	Removed U-bolt and installed pipe clamp.	
94- 434	94-18933-00	1062-62-1CVC-R147	Modified support.	
94- 435	94-18933-01	1-PMP - 62 - 108 -A	Removed existing patch plates and installed new patch plates per DCN W-32406.	
94- 436	D-04667-24	1063-63-1SIS-R114	Modify support by removing existing baseplate, anchors, snubbers, brackets, U-bolt, channels, stanchion and plates. Installed new baseplate, anchors, bracket, snubber and clamp.	
94- 437	D-04667-30	1063-63-1SIS-R109	Modify support by removing existing baseplate, anchors, snubbers, brackets, U-bolt, channels, stanchion and plates. Installed new baseplate, anchors, bracket, snubber and clamp.	

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94- 438	94-21289-00	1063-435- 8- 36- 1A	Repaired base metal.	
94- 439	D-04667-34	1063-63-1SIS-R221	Modified support.	
94- 440	D-21328-34	1074-74-1RHR-R130	Modified support.	
94- 441	D-05709-13	1074-74-1RHR-R 5	Modified support.	
94- 442	D-04667-23	1074-432- 1- 5	Modified support.	
94- 443	93-24347-09	1063-63-1SIS-R157	Replaced shim between support and pipe sleeve.	
94- 444	D-20761-07	1063-63-1SIS-R238	Modified supports.	Also affects 1063-63-1SIS-R248 and -R274.
94- 445	D-04667-28	1063-63-1SIS-R226	Modified supports.	
94- 446	D-04667-33	1063-63-1SIS-R230	Modified supports.	
94- 447	D-20761-45	1063-63-1SIS-R121	Modified supports.	
94- 448	D-16152-05	2062-62-2CVC-R 14	Modified supports.	
94- 449	D-18696-03	1003-1-03A-328	Modified supports.	Also affects 1003-1-03A-329.
94- 450	D-18696-01	1003-1-03A-324	Modified supports.	
94- 451	94-14102-00	1015-400-61- 1	Replaced defective snubber.	
94- 452	D-21328-11	1062-62-1CVC-R 46	Modify support.	
94- 453	D-18401-03	1003-1-03A-204	Modify support.	
94- 454	D-04527-01	1003-1-03A-323	Modify support.	Also affects 1003-1-03A-332.
94- 455	D-21328-69	1072-72-1CS-R115	Modify support.	
94- 456	D-04525-01	1003-1-03A-285	Modify support.	Originally identified as also affecting 1003-1-03A-560. Whoever, that support was removed from the report prior to closure.
94- 457	D-20761-67	1074-432- 1- 31	Modify support.	

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94- 458	93-05795-00	1-PMP - 63 - 10 -A	Replace suction and discharge flange bolting.	Also affects 1-PMP-63-15-B.
94- 459	93-25856-00	2-TUBE- 79 - 1	Deleted valve 2-ISV-78-600 and installed a blind flange to 2-TUBE-79-1.	
94- 460	93-24347-08	1063-63-1SIS-R103	Removed and reinstalled shim plate.	Also affects 1063-63-1SIS-R87.
94- 461	93-24347-10	1063-63-1SIS-R258	Removed and reinstalled "top" (item #3).	
94- 462	93-24347-11	1063-63-1SIS-R 59	Removed and reinstalled shim plate.	Also affects 1063-63-1SIS-R61.
94- 463	D-11561-51	1074-74-1RHR-V 11	Installed new spring can.	Also affects 1074-74-1RHR-V15.
94- 464	D-04602-11	1062-62-1CVC-R102	Modify support.	
94- 465	D-21328-67	1062-62-1CVC-R 1	Delete U-bolt and add clamp.	
94- 466	D-21328-18	1072-72-1CS-R 13	Delete U-bolt and add clamp.	Also affects 1072-72-1CS-R31.
94- 467	D-05709-16	1074-74-1RHR-R 17	Modified support and replaced snubber.	
94- 468	D-12673-04	1063-63-1SIS-R142	Modified support	
94- 469	D-19866-02	1063-555- 2- 2	New pipe support	
94- 470	D-05620-03	1072-72-1CS-R 38	Modified Supports	Also affects 1072-72-1CS-R40, -R42, and -R44
94- 471	94-08037-00	1074-74-1RHR-R 6	Modified support	
94- 472	94-22552-00	1062-62-1CVC-R141	Replaced load pin at clamp for strut	
94- 473	D-05620-09	1072-72-1CS-R100	Modified supports.	Also affects 1072-72-1CS-R101, -R103, -R105, and -R106.
94- 474	D-04535-10	1003-1-03A-421	Modified supports.	
94- 475	D-20758-06	1003-03B-1AFW-R191	Modified supports.	Also affects 1003-03B-1AFW-R197.
94- 476	D-20758-07	1003-03B-1AFW-R147	Modified supports.	Also affects 1003-03B-1AFW-R175
94- 477	D-13988-01	1072-72-1CS-R 32	Added new support.	

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94- 478	D-16152-08	2062-62-2CVC-R 1	Added new support.	
94- 479	D-05620-04	1072-72-1CS-R 47	Modified existing pipe supports	Also affects 1072-72-1CS-R48, -R49, and -R54.
94- 480	D-05709-08	1074-74-1RHR-R215	Modified supports	Also affects 1074-74-1RHR-R220.
94- 481	D-04527-04	1003-1-03A-320	Modified support	
94- 482	D-06012-21	1001-1-01A-431	MOdified tube steel by nothcing to provide clearance between tube steel and 18" feedwater pipe.	
94- 483	94-08024-00	1003-03B-1AFW-R239	Modified tube steel and snubber due to thermal movement during HFT.	
94- 484	94-02782-02	1062-555-10- 43	Removed and reinstalled shim to correct gaps.	
94- 485	93-24429-01	1072-060-72- 3	Repaired gap between baseplate and bottom of bolt head.	
94- 486	D-05620-02	1072-72-1CS-R 33	Removed/replaced existing support members.	Also affects 1072-72-1CS-R35, -R36, and -R37.
94- 487	94-14208-00	1072-437- 4- 77	Replaced missing parts of support.	Also affects 1072-437-4-112.
94- 488	D-04665-03	1063-060-63- 28	Modified support	
94- 489	94-25181-00	1-SGEN- 68 - SG3	Replaced two bolt assemblies and one helicoil on SG 3 instr/inspection opening holes #7 & 8.	
94- 490	94-01172-00	1-TTV - 41 - 596	Rewelded valve bonnet seal weld.	
94- 491	94-20271-00	1-TANK- 63 - 36	Replaced existing washers with welded plate washers on tank leg base plates.	
94- 492	D-04525-02	1003-1-03A-286	modified support.	
94- 493	94-12827-00	1-FCV - 1 - 14-A	Replaced valve.	
94- 494	94-12827-07	1-FCV - 1 - 7-B	Replaced valve.	
94- 495	94-12827-06	1-FCV - 1 - 181-A	Replaced valve.	

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94- 496	94-12827-01	1-FCV - 1 - 182-B	Replaced valve.	
95- 1	94-12827-02	1-FCV - 1 - 25-B	Replaced valve.	
95- 2	94-12827-04	1-FCV - 1 - 32-A	Replaced valve.	
95- 3	94-12827-05	1-FCV - 1 - 184-A	Replaced valve.	
95- 4	94-22497-00	1074-74-1RHR-R134	Replaced support	
95- 5	94-20225-03	1072-72-1CS-R 54	Replaced snubber	
95- 6	94-20225-04	1072-72-1CS-R 55	Replaced snubber	
95- 7	D-05709-15	1074-74-1RHR-R 4		
95- 8	94-12827-03	1-FCV - 1 - 183 -A	Replaced valve	
95- 9	94-12827-03	1001-400- 6-174	Removed and replaced members to allow replacement of 1-FCV-1-183.	
95- 10	D-18998-02	1003-1-03A-242	Increased weld size on two welds.	Also affects 1003-1-03A-244, -245, -246, and 1003-401-9-5.
95- 11	D-18998-02	1003-401- 9- 6	Removed existing baseplate, anchors and plate. Installed new restraint plate in the y direction.	
95- 12	D-19178-01	1003-1-03A-284	Modified restraint under pipe.	Also affects 1003-1-03A-288 and -290.
95- 13	D-18696-02	1003-1-03A-325	Modified support.	
95- 14	93-10087-03	1063-63-1SIS-R 35	Replaced strut, bevelled washers, and bolting.	
95- 15	94-19649-02	1074-435- 1- 45	Replaced strut/clamp with snubber/clamp.	
95- 16	94-25182-00	1-SGEN- 68 - SG4	Replaced 1 stud and 1 nut for inst/inspection opening.	
95- 17	94-20225-05	1072-72-1CS-R 18	replaced snubber.	
95- 18	D-04524-01	1003-1-03A-247	Modified support.	also affects 1003-1-03A-248.

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95- 19	D-18401-04	1003-1-03A-205	Modified support to compensate for check valve slam on piping.	
95- 20	D-05620-11	1072-72-1CS-R 44	Modified support	
95- 21	D-05620-12	1072-72-1CS-R 33	Reworked/Replaced supports to repair damage.	Also affects 1072-72-1CS-R35, -R2, -R17, and -R54.
95- 23	93-22346-05	1062-1-62A- 9	Replaced snubber.	
95- 24	95-01094-00	1063-1-63- 78	Replaced snubber.	
95- 25	93-27677-06	1063-63-1SIS-R142	Replaced snubber.	
95- 26	93-22346-03	1062-1-62A-203	Replaced snubber.	
95- 27	94-22534-00	1-FCV - 74 - 33 -A	Drilled a 1/4" hole in upstream disc to prevent overpressurization of the bonnet.	
95- 28	D-05623-04	1072-437- 5- 9	Trimmed 2 lugs and installed 2 shim plates.	
95- 29	D-05623-03	1072-72-1CS-R117	Modified support.	
95- 30	94-21774-00	1-HTX - 72 - 1A-A	Replaced studs and nuts at heat exchanger bonnet, and replaced seismic lug.	
95- 31	94-21775-00	1-HTX - 72 - 1B-B	Replaced studs and nuts at hx bonnet and replaced siesmic lugs on east and west side.	
95- 32	94-05878-00	1-TANK- 63 - 46	Tightened U-bolts and upset threads for locking device on supports down from funnel on overflow pipe. Modified support on overflow pipe by removing existing U-bolt and nuts and adding new plates along with new U-bolt and nuts. Upset threads for loc	
95- 33	95-02232-00	1074-74-1RHR-R130	Replaced upper strut.	
95- 34	D-04667-36	1063-060-63- 2	Installed new support items.	

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95- 35	95-02622-00	1063-435- 7- 51	Replaced 3 existing clamps on 2" pipe with 3 new clamps and retorqued all bolts.	
95- 37	93-05855-00		Replaced spacer ring for suction strainer and bolting material on suction strainer flanges for RHR pump 1A-A and 1B-B.	
95- 38	D-04665-04	1063-060-63- 28	Replaced anchor bolts and added wing plate with gussets.	
95- 40	D-04525-04	1003-1-03A-291	Added welds.	
95- 41	94-10254-00	1001-400-11- 2	Modified support.	
95- 42	95-01776-00	1-RFV - 70 - 539 -S	Installed rerate tags to change valve design pressure.	Also affects 2-RFV-70-539-S
95- 43	D-18998-03	1003-1-03A-244	Installed bolts and stiffener plates.	
95- 44	D-06009-10	1001-1-01A-308	Installed stiffener plates.	
95- 45	94-01034-00	1-48N415 PS- 9	Installed new shims by welding.	Also affects 1-48N415 PS-10, PS-2, PS-3 and PS-5.
95- 46	93-22732-03	1062-406- 1- 5	Replaced snubber.	
95- 47	94-11887-01	1078-454-12- 4	Replaced snubber.	
95- 48	93-24796-03	1062-1-62A- 33	Replaced snubber.	
95- 49	93-24798-02	1062-1-62A-105	Replaced snubber.	
95- 50	93-22346-04	1062-1-62A- 48	Replaced snubber.	
95- 51	94-18594-00	1-RFV - 68 - 564	Installed new safety relief valve at location of 1-RFV-68-564.	
95- 54	D-06009-11	1001-1-01A-308	Relocated rear bracket.	
95- 55	93-23011-01	1062-62-1CVC-R 50	Replaced snubber.	
95- 56	D-16152-09	2062-406- 1- 20	Deleted Support.	

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95- 57	94-17224-00	1-BYV- 62 - 546 -S	Replaced valve disc.	
95- 58	93-22732-04	1062-62-1CVC-R222	Replaced snubber.	
95- 59	94-18594-02	1-RFV - 68 - 565	Installed replacement safety relief valve at the 1-RFV-68-565 location.	
95- 60	94-11079-00	1-ISV - 62 - 547 -S	Replaced stem and disc assembly.	
95- 61	93-22574-00	1-HTX - 62 - 124	Replaced HTX head flange bolting.	
95- 62	94-18594-01	1-RFV - 68 - 563	Installed replacement safety relief valve at the 1-RFV-68-563 location.	
95- 63	95-05861-00	1062-62-1CVC-R111	Repplaced damaged spherical bearing and pipe clamp.	
95- 64	94-18861-52	1062-1-62A- 95	Replaced snubber.	
95- 65	94-09619-04	1061-462-12-200	Replaced snubber.	
95- 66	95-06746-00	1062-460-18- 2	Removed existing beam attachment fo0r spring can and installed new beam attachment.	
95- 67	D-16460-21	1087-435-20- 4C-460	Removed and reinstalled the entire support.	
95- 68	94-18357-00	1090-600-105- 10	Replaced bolting.	
95- 69	95-17282-00	1-PIPE- 62	Rerated suction piping to the Centrifugal Charging pumps.	
95- 70	95-08322-82	1062-406-18- 2	replaced screws in snubber with longer screws.	
95- 71	94-13996-01	1090-600-12- N	Replaced snubber.	
95- 73	D-12253-85	1043-043-BX-020	Performed base metal repair on support.	
95- 74	95-10046-54	1077-560- 4- 81	Rewroked support per DCN.	
95- 75	95-00635-01	1001-1-01A-343	Replaced snubber.	

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95- 76	94-25172-02	1061-462- 1- 36	Replaced snubber.	
95- 77	95-07889-23	1003-03 -1AFW-R236	Replaced snubber.	
95- 78	94-03813-00	1062-555-10- 29	Replaced hanger rods.	
95- 79	95-18104-00	1003-427- 3- 2	Attached flex hose sag restraint #1-ISLS-997-4143 to pipe suppore 1003-A427-3-2.	
95- 80	95-17282-01	1-PIPE- 63	Rerated suction piping to the safety injection pumps.	
95- 81	95-19307-03	1062-62-1CVC-V181	Modification and installation of new support.	Also affects 1062-A606-62-143.
95- 82	95-19541-00	1-CKV - 3 - 511	Replace hinge pin plug in body.	
95- 83	95-19541-01	1-CKV - 3 - 508	Seal weld hinge pin plug in body.	This also affects 1-CKV-3-509. 1-CKV-3-510, and 1-CKV-3-511.
95- 84	94-18034-00	1068-1-68- 54	Modified support.	
95- 85	95-19525-00	1001-400-11- 25	Replaced top item #7.	
95- 86	95-21789-02	1074-1-74- 4	Replaced snubber.	
95- 87	95-21789-00	1074-74-1RHR-R230	Replaced snubber.	
95- 88	95-22211-00	1-CKV - 63 - 543 -A	Replaced disk.	
95- 89	95-18306-00	1003-1-03A-378	Replaced welded beam attachment on the support.	
95- 90	95-22094-00	1-FCV - 3 - 638	Repair steam gouges by welding.	
95- 91	95-20583-05	1-CKV - 63 - 563 -S	Replaced body/bonnet stud and nut (1 each).	
95- 92	95-23147-00	1-CKV - 63 - 588 -S	Replaced disk.	
95- 93A	95-23755-00	1001-400- 6-174	Modified supports per DCN F-38325-A	
95- 93B	95-19189-00	1-CKV - 3 - 678	Repaired valve.	

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95- 94	94-02663-18	1001-1-01 -348	Repaired undercut in Weld on west side plate, item #13	
95- 95	95-11832-01	1-CKV - 3 - 645	Replaced bonnet studs and nuts.	
95- 96	95-22681-00	1-FCV - 1 - 7-B	Removed existing valve and installed new valve.	
95- 97	95-22681-01	1-FCV - 1 - 14-B	Removed existing valve and installed new valve.	
95- 98	95-22681-02	1-FCV - 1 - 25-B	Removed existing valve and installed new valve.	
95- 99	95-22681-03	1-FCV - 1 - 32-A	Removed existing valve and installed new valve.	
95- 100	95-22681-04	1-FCV - 1 - 181-A	Removed existing valve and installed new valve.	
95- 101	95-22681-05	1-FCV - 1 - 182-B	Removed existing valve and installed new valve.	
95- 102	95-22681-06	1-FCV - 1 - 183-A	Removed existing valve and installed new valve.	
95- 103	95-22681-07	1-FCV - 1 - 184-B	Removed existing valve and installed new valve.	
95- 104	95-23702-00	1-DRV - 3 - 507	Replaced stem assembly (includes valve disk).	
95- 105	94-13619-03	1-SFV - 1 - 520	Replaced disc	
95- 106	94-13619-04	1-SFV - 1 - 516	Replaced disc	
95- 107	94-13619-00	1-SFV - 1 - 521	Replaced disc	
95- 108	94-27918-00	1-CKV - 62 - 577 -S	Seal welded bonnet to body.	
96- 1	96-00647-00	1-062B-T200-16	Remove and replace weld to eliminate pin hole leak in existing weld.	
96- 2	95-03381-03	1-FCV - 03 - 100 -B	Repair seating surface and guide slots.	

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96- 3	94-12193-00	1-PCV - 68 - 334	Replace main and pilot discs.	
96- 11	K-P04633A-4	1063-435- 8- 87	Support modifications	
96- 12	See index	See index	See index of attachments and the attachments for a description of the work performed.	This NIS-2 contains the old program Summary Reports and NIS-2 attachments prepared prior to revising the Repair and Replacement program to require individual NIS-2s for each work document.

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89- 2	2900	1-CKV- 67 - 575A	REPLACE DISC WITH SOFT SEATED DISC.	Also affects 1-CKV-67-575B, -575C, -575D, -585A, -585B, -585C, and -585D.
89- 4	A-404602	UHI PIPING	GRIND AREA WHERE ASME CODE TAG WAS REMOVED ON THE PIPING ADJACENT TO WELD D040-015.	
89- 7	A-513881	1-RFV - 72 - 508	REPLACED DISC AND NOZZLE.	
89- 9	A-539132	1-RFV - 63 - 577 -S	REPLACED DISC.	
89- 11	A-488830	1-RFV - 63 - 602	REPLACED DISC.	
89- 13	A-484113	1-FE - 63 - 29	REPLACE STUDS AND NUTS TO OBTAIN PROPER THREAD ENGAGEMENT.	
89- 14	A-484114	1-FE - 63 - 31	REPLACE STUDS AND NUTS TO OBTAIN PROPER THREAD ENGAGEMENT.	
89- 15	A-484115	1-FE - 63 - 27	REPLACE STUDS AND NUTS TO OBTAIN PROPER THREAD ENGAGEMENT.	
89- 18	4352	1-RTV - 63 - 351	REPLACED HARD SEATED DISCS WITH SOFT SEATED DISCS ON 2 NPS KEROTEST VALVES.	1-RTV-63-352, -353, -354, -355, -356, -357, -358, -359, -360, -361, -362, -364, -365, -366, 1-RTV-87-308, -309, -318, -319, 1-ISV-77-860, -863, -876, -886, 0-ISV-77-865A, -865B, -878A, -878B, -474, -476, 1-TV-77-883, -884, 0-RTV-77-475, -477.
89- 22	NR0675B		REMOVE SURFACE DEFECTS IN MECHANICAL PIPE BENDS.	
89- 24	E- 6164-1	1063-1-63-496	REPLACE ANCHOR BOLTS, BASE PLATE AND STRUT.	
89- 26	A-573345	1-062A-T107-08-02	GRIND WELD SMOOTH TO REMOVE QUESTIONABLE INDICATIONS	
89- 27	3727	1-062 -S-17-6	REPLACE NUTS.	Also affects subassembly 1-62-S-17-1.
89- 32	A-076382	1-FCV - 61 - 191	REPLACE STUD AND NUT	
89- 39	N- 6276-1	1-043 -L231A- 4	REMOVE LINEAR INDICATIONS.	

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89- 40	C-WBP880732-1	1-HTX - 62 - 124	REPLACE BOLTS WITH STUDS.	
89- 42	C-WBP880190-1	1-TANK- 63 - 46	REPAIR VENDOR WELDS.	
89- 43	A-226089	1-RPV - 68 - U1	REMOVE DAMAGED THREAD AND MACHINE GRIND FLUSH FIRST THREAD ON REACTOR PRESSURE VESSEL CLOSURE HEAD STUD 19	
89- 44	A-491709	RCS-2-4	GRIND OUT LINEAR INDICATION TO RESOLVE NOI 360.	
89- 47	C-WBP890251-1	1003-401- 1- 16	REPLACE BURST PIPING AND COMPONENT SUPPORT.	Per our NRC commitments, the piping replacement was documented on an N-5 Supplement. This Summary Report is being processed for the component support replacement only.
89- 48	C-WBP890161-1	1062-62-1CVC-R 31	REMOVE BEAM ATTACHMENT AND BASE PLATE, INSTALL NEW BEAM ATTACHMENT AND BASEPLATE.	
89- 50	C-WBP880173-1	1063-435- 8- 38	MODIFY EXISTING SUPPORT AND REPLACE SNUBBER.	
90- 1	K-P04730A-1	1003-1-03A-561	REMOVE PIPE SUPPORT.	
90- 2	K-P04730A-1	1003-1-03A-541	REMOVE PIPE SUPPORT	
90- 38	A-573388	1-015A-T001-98A	REMOVE INDICATION BY MECHANICAL MEANS.	
90- 39	A-573263	1-074A-T009-15B	REMOVE OVERLAP IN WELD	
90- 40	A-573344	1-003C-T184-0600	REMOVE INDICATION FROM WELD.	
90- 42	A-529259	1-FCV - 3 - 33 -A	REPLACED STUDS AND NUTS ON VALVE.	
90- 52	A-599092		REMOVE UNAUTHORIZED LINEAR WELD BEAD AND EXAMINE THE AREA	
90- 55	K-P04714A-1	1063-060-63- 77	INSTALLED NEW PIPE SUPPORT	
90- 56	W427P-1	1-068 -S- 1- 2	PERFORM THICKNESS CHECK AFTER REMOVAL AREA WAS ACCEPTED. PERFORMED VT AND PT.	

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90- 58	W427P-1	1-068 -S- 1- 2	PERFORMED INITIAL VT AND THICKNESS CHECK, GROUND TO REMOVE INDICATIONS, PERFORMED PT AND THICKNESS CHECK AFTER REMOVAL.	
90- 63	K-P04728A-1	1062-060-62-143	FABRICATE AND INSTALL NEW PIPE SUPPORT.	
90- 66	K-P02914A-1	1070-1-70- 41	DELETED SUPPORT	
90- 67	K-P02914A-1	1070-1-70- 44	DELETED SUPPORT	
90- 68	K-P02914A-1	1070-1-70- 47	DELETED SUPPORT	
90- 69	K-P02914A-1	1070-1-70- 50	DELETED SUPPORT	
90- 70	K-P02914A-1	1070-464-20- 8	MODIFIED SUPPORT MEMBERS TO PROVIDE PROPER RESTRAINT DIRECTION.	
90- 71	K-P02914A-1	1070-464-20- 9	MODIFIED SUPPORT TO PROVIDE PROPER RESTRAINT DIRECTION	
90- 72	K-P02914A-1	1070-464-20- 20	ADDED PLATE AND TS TO PROVIDE ADDED SUPPORT RESTRAINT OF THE PIPE.	
90- 73	K-P04708A-1	1063-060-63- 70	THIS SUPPORT REPLACES 47A435-6-31	
90- 74	K-P04708A-1	1063-435- 6- 32	THIS SUPPORT INSTALLED INTEGRALLY WITH 47A060-63-70	
90- 75	K-P04708A-1	1063-1-63-327	DELETE SUPPORT	
90- 76	K-P04708A-1	1063-060-63- 70	INSTALLED SUPPORT	
90- 87	K-P04719A-1	1062-1-62A-295	MODIFIED SUPPORT PER DCA	
90- 88	C-WBP890334-1	1063-060-63- 9	REPLACED BOX ANCHOR	
90- 93	C-WBP870033-4	1-FCV - 70 - 100	INSTALLED VALVE BY BOLTING.	
90- 94	C-WBP870033-4	1-FCV - 70 - 89	INSTALL VALVE BY BOLTING.	
90- 97	C-WBP880540-1	1-003A-T004-25	REMOVED BASE METAL INDICATIONS ON PIPE AND EXAMINED AREA.	

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90- 98	C-WBP880540-1	1-074A-D047-4	REMOVED BASE METAL INDICATION ON PIPE AND EXAMINED AREA.	
90- 99	C-WBP880540-1	1-090A-T009-5-C1	REMOVED BASE METAL INDICATIONS AND EXAMINED AREA.	
90- 100	K-P04693A-1	1062-62-1CVC-R246	DELETED SUPPORT	
90- 101	K-P04693A-1	1062-62-1CVC-R247	DELETED SUPPORT	
90- 102	K-P04693A-1	1062-62-1CVC-R251	DELETE SUPPORT	
90- 103	K-P04693A-1	1062-62-1CVC-R249	MODIFIED/REPLACED SUPPORT SNUBBER WITH STRUT.	
90- 104	C-WBP870033-2	1-FCV - 67 - 103	INSTALLED 6 NPS VALVE BY BOLTING.	
90- 105	C-WBP870033-2	1-FCV - 67 - 113	INSTALL 6 NPS VALVE BY BOLTING.	
90- 106	C-WBP870033-2	1-FCV - 67 - 111	INSTALLED 6 NPS VALVE BY BOLTING.	
90- 107	C-WBP870033-2	1-FCV - 67 - 105	INSTALL 6 NPS VALVE BY BOLTING.	
90- 113	C-WBP870033-2	1-FCV - 67 - 95	INSTALL 6 NPS VALVE BY BOLTING.	
90- 114	C-WBP870033-2	1-FCV - 67 - 97	INSTALL 6 NPS VALVE BY BOLTING.	
90- 115	C-WBP870033-2	1-FCV - 67 - 89	INSTALL 6 NPS VALVE BY BOLTING.	
90- 116	C-WBP870033-2	1-FCV - 67 - 87	INSTALL 6 NPS VALVE BY BOLTING.	
90- 123	K-P04692A-1	1063-435- 1- 49	ADDED ANGLE IRON TO PROVIDE SUPPORT/RESTRAINT OF THE PIPE.	
90- 125	K-P04701A-1	1063-435- 8- 84	INSTALL NEW SUPPORT	
90- 126	K-P04691A-1	1062-62-1CVC-R167	DELETE SUPPORT	
90- 127	K-P04691A-1	1062-62-1CVC-R 22	DELETE SUPPORT	
90- 128	K-P04691A-1	1062-406- 1- 7	DELETE SUPPORT	
90- 130	K-P05699A-1	1072-437- 4- 5	DELETE SUPPORT	
90- 131	K-P05699A-1	1074-74-1RHR-R 77	DELETE SUPPORT	

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90- 132	K-P05699A-1	1074-74-1RHR-R 80	DELETE SUPPORT	
90- 133	K-P05699A-1	1074-74-1RHR-R 75	DELETE SUPPORT	
90- 134	K-P05699A-1	1074-74-1RHR-R155	DELETE SUPPORT	
90- 135	K-P05699A-1	1074-74-1RHR-R 66	MODIFY BY REMOVING 1 STRUT, CLAMP, PLATE AND ANCHORS.	
90- 136	A-650006	1003-03B-1AFW-R181	REPLACE LOST BOLTING.	
90- 137	A-400586	1-PMP - 62 - 104 -B	REPLACE BOLTING ON SEAL BALANCE LINE	
90- 143	A-660042	STEAM GENERATOR TUBE	INSTALL TUBE PLUGS IN STEAM GENERATOR TUBES.	
90- 144	K-006847A-1	STEAM GEN MANWAY	INSTALL LARGER FASTENERS IN THE PRIMARY MANWAY FLANGE AND COVER.	
90- 145	K-P04719A-1	1062-1-62A-305	DELETE SUPPORT	
90- 146	C-WBP900186-1	1-TANK- 63 - 46	REPAIR VENDOR WELDS IN THE RWST.	
90- 147	K-K06015A-1	1001-400-11- 26	SUPPORT DELETED	
90- 148	K-K06015A-1	1001-400-11- 28	DELETE SUPPORT	
90- 149	K-K06015A-1	1001-400-11- 30	DELETE SUPPORT	
90- 150	K-K06015A-1	1001-400-11- 33	DELETE SUPPORT	
90- 153	K-P04729A-1	1062-62-1CVC-R 52	MODIFY SUPPORT	
90- 154	M- 5802-3	1062-62-1CVC-V181	REPLACED WELDED EYE ROD WITH WELDLESS EYE NUT, THREADED ROD, AND NUTS.	
90- 155	M- 5802-3	1063-63-1SIS-V044	REPLACED WELDED EYEROD WITH THREADED ROD, NUTS AND A WELDLESS EYE NUT.	
90- 156	M- 5802-3	1072-72-1CS-R 11	REPLACED WELDED EYE ROD WITH WELDLESS EYE NUT, THREADED ROD, AND NUTS.	
90- 157	M- 5802-3	1063-63-1SIS-R196	REPLACED PIPE CLAMP	
90- 158	M- 5802-3	1062-1-62A-373	REPLACE PIPE CLAMP AND WELDED ATTACHMENTS TO PIPE CLAMP.	

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90- 159	M- 5802-3	1063-1-63- 79	REPLACED SNUBBER AND REAR BRACKET.	
90- 168	A-622004	1-RFV - 74 - 505	REPLACE 1-RFV-74-505 WITH 2-RFV-74-505	
90- 169	A-620953	1-PMP - 74 - 20 -B	REPLACE STUD ON RHR PUMP 1B-B FLANGE	
90- 172	K-P05698A-1	1074-432- 2- 3	DELETE PIPE SUPPORTS.	This WID affects several component supports. See the listing attached to the Summary Report Form - NIS-2 Attachment.
90- 173	K-P05698A-1	1063-63-1SIS-R 24	REINSTALLED PREVIOUSLY ERRONEOUSLY DELETED SUPPORT.	
90- 174	K-P04735A-1	1062-62-1CVC-R217	MODIFY PIPE SUPPORT	
90- 175	K-P04735A-1	1062-62-1CVC-R211	MODIFY PIPE SUPPORT	
90- 176	K-P04735A-1	1062-62-1CVC-R213	MODIFY PIPE SUPPORT	
90- 177	K-P04735A-1	1062-62-1CVC-R215	MODIFY PIPE SUPPORT	
90- 180	K-P04690A-1-1	1062-406- 2- 12	REPLACED SNUBBER AND REAR BRACKET.	
90- 181	E- 5814-1	1003-401- 1- 9	INSTALLED SUPPORT	
90- 182	E- 5814-1	1003-401- 1- 10	INSTALLED SUPPORT	
90- 183	E- 5814-1	1003-401- 1- 11	INSTALLED SUPPORT	
90- 184	E- 5814-1	1003-401- 1- 12	INSTALL SUPPORT	
90- 185	E- 5814-1	1003-401- 1- 13	INSTALL SUPPORT	
90- 186	E- 5814-1	1003-401- 1- 14	INSTALL SUPPORT	
90- 187	E- 5814-1	1003-401- 1- 15	INSTALL SUPPORT	
90- 188	E- 5814-1	H-401-1-NP-09-70	INSTALL SUPPORT	
90- 189	E- 5814-1	H-401-1-NP-10-70	INSTALL SUPPORT	
90- 190	K-P03631A-1	1074-74-1RHR-V121	ADD PLATE AND TS TO RAISE SPRING CAN UNDER PIPE.	

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90- 191	E- 6056-1	1001-400- 6-152	MODIFIED SUPPORT	
90- 192	E- 6056-1	1001-1-01A-387	MODIFY SUPPORT	
90- 193	E- 6056-1	1094-1-90-100	MODIFY SUPPORT	
90- 194	E- 6056-1	1094-1-90-101	MODIFY SUPPORT	
90- 195	E- 6056-1	1094-1-90-102	MODIFY SUPPORT	
90- 196	E- 6056-1	1094-1-90-103	MODIFY SUPPORT	
90- 197	E- 6056-1	1094-1-90-104	MODIFY SUPPORT	
90- 198	E- 6056-1	1094-1-90-105	MODIFY SUPPORT	
90- 199	E- 6056-1	1094-1-90-106	MODIFY SUPPORT	
90- 200	E- 6056-1	1094-1-90-107	MODIFY SUPPORT	
90- 201	E- 6056-1	1094-1-90-108	MODIFY SUPPORT	
90- 202	A-614876	1-TCV - 62 - 79	REPLACE VALVE TO FLANGE BOLTING	
90- 205	K-P05637A-1	1001-400- 6-269	DELETE SUPPORT	
90- 206	K-P05637A-1	1001-400- 6-288	DELETE SUPPORT	
90- 207	K-P05637A-1	1001-400- 6-270	MODIFIED SUPPORT AND DELETED SNUBBER	
90- 208	K-P05637A-1	1001-400- 6-266	INSTALL STRUT TO REPLACE SNUBBER	
90- 209	K-P05637A-1	1001-400- 6-262	MODIFY SUPPORT	
90- 210	K-P05601A-1	1072-437- 2- 31	INSTALL NEW SUPPORT AND SPRING CAN.	
90- 211	K-P05601A-1	1072-437- 2- 32	INSTALL PIPE SUPPORT AND SPRING CAN.	
90- 212	K-P05601A-1	1072-72-1CS-R 1	CHANGE STRUT TO SNUBBER	
90- 213	K-P05601A-1	1072-72-1CS-R 3	CHANGE STRUT TO SNUBBER.	
90- 214	K-P05601A-1	1072-72-1CS-R 9	INSTALL NEW STRUT AND WELDED ATTACHMENT	

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90- 215	K-P05601A-1	1072-72-1CS-R 10	CHANGE STRUT TO SNUBBER.	
90- 216	K-P05601A-1	1072-72-1CS-R 16	REMOVE STRUT AND CLAMP AND INSTALL SNUBBER AND CLAMP.	
90- 217	K-P05601A-1	1072-72-1CS-R 18	ADD SNUBBER.	
90- 218	K-P05601A-1	1072-72-1CS-R 25	CHANGE SNUBBER TO TUBULAR SUPPORT.	
90- 219	K-P05601A-1	1072-72-1CS-R145	CHANGE SNUBBER TO STRUT	
90- 220	A-573486	1031-915- 8- 9	INSTALL NEW CLAMP ASSEMBLY.	
90- 223	K-K06014A-1	1001-400-11- 39	MODIFY SUPPORT	
90- 224	K-K06014A-1	1001-400-11- 48	MODIFY SUPPORT	
90- 225	K-P04667A-1	1063-63-1SIS-R205	DELETE SUPPORT	
90- 227	K-P04667A-1	1063-63-1SIS-R204	MODIFY SUPPORT BY REMOVING STRUT AND CLAMP. ABANDON EXISTING LUGS AND REINSTALL AT A NEW LOCATION.	
90- 228	K-P05922A-2	1-074 -6	DELETE SUPPORT	
90- 230	K-P05638A-1	1001-400- 6-123	MODIFY SUPPORT	
90- 232	E- 6429-5		REMOVE UHI PIPING AND HANGERS OUTSIDE THE REACTOR CAVITY.	
90- 233	E- 6429-1		REMOVE UHI PIPING AND HANGERS INSIDE THE REACTOR CAVITY.	This Summary Report is for hanger and pipe removal only. Installation of the head adapters involved pressure boundary welding and was performed under the ASME III program.
90- 234	K-P05603A-1	1072-437- 5- 6	REMOVE SNUBBER AND CLAMPS AND REPLACE WITH NEW B-P PARTS	
90- 235	K-P05603A-1	1072-437- 1- 4	DELETE SUPPORT	
90- 236	K-P05603A-1	1072-437- 5- 4	DELETE SUPPORT	
90- 237	K-P05603A-1	1072-437- 5- 5	DELETE SUPPORT	

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90- 238	K-P05603A-1	1072-72-1CS-R114	REMOVE EXISTING SNUBBER AND REAR BRACKET AND REPLACE WITH NEW B-P PARTS.	
90- 239	K-P04720A-1	1062-1-62A-384	REMOVE EXISTING SNUBBER AND REAR PLATE AND REPLACE WITH NEW B-P PARTS.	
90- 240	K-P04720A-1	1062-1-62A-385	DELETE SUPPORT	
90- 241	K-P04715A-1	1063-435- 3- 3	REPLACE STRUT AND CLAMP WITH NEW SNUBBER AND CLAMP	
90- 242	K-P04715A-1	1063-435- 6-100	INSTALL NEW SUPPORT, SNUBBER, CLAMP, TUBE STEEL, BASEPLATES AND UC ANCHORS.	
90- 243	K-P04715A-1	1072-437- 1- 52	INSTALL NEW SUPPORT, SNUBBER AND CLAMP.	
90- 244	K-P04715A-1	1072-437- 1- 53	INSTALL NEW SUPPORT WITH SNUBBER AND CLAMP IN PLACE OF 63-1SIS-R255.	
90- 245	K-P04715A-1	1063-63-1SIS-R125	REMOVE RING PLATE AROUND PIPE AND REPLACE WITH ANGLE ON TOP AND BOTTOM.	
90- 246	K-P04715A-1	1063-63-1SIS-R124	REMOVE RING PLATE AROUND PIPE AND REPLACE WITH TS ON TOP AND BOTTOM.	
90- 247	K-P04715A-1	1063-63-1SIS-R135	REMOVE SUPPORT	
90- 248	K-P04715A-1	1063-63-1SIS-R159	REMOVE SUPPORT	
90- 249	K-P04715A-1	1063-63-1SIS-R249	REMOVE SNUBBER AND CLAMP AND REPLACE WITH STRUT AND CLAMP.	
90- 250	K-P04715A-1	1063-63-1SIS-R278	REMOVE SNUBBER AND CLAMP AND REPLACE WITH TUBE STEEL.	
90- 251	K-P04715A-1	1063-63-1SIS-R259	REMOVE SNUBBER AND CLAMP AND REPLACE WITH TUBE STEEL	
90- 252	K-P04715A-1	1063-63-1SIS-R255	REMOVE STRUT AND CLAMP IN THE X DIRECTION AND INSTALL NEW STRUT AND CLAMP IN THE Y DIRECTION.	
90- 253	K-P04715A-1	1063-63-1SIS-R216	REMOVE SNUBBER AND REPLACE WITH STRUT.	

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90- 254	K-P04715A-1	1063-435- 2- 13	INSTALL NEW SUPPORT, SNUBBER, CLAMP, PLATE AND WEDGE BOLTS.	
90- 255	K-P04715A-1	1063-63-1SIS-R254	REMOVE STRUT AND CLAMP AND INSTALL NEW SNUBBER AND CLAMP.	
90- 256	K-P04715A-1	1074-432- 1- 31	INSTALL NEW SUPPORT, 2 SNUBBERS, W END ATTACHMENTS, 2 CHANNELS AND 2 PLATE WASHERS.	
90- 257	K-P04715A-1	1063-435- 3- 2	REMOVE SNUBBER, CLAMP, BASEPLATES AND ANCHORS AND INSTALL STRUT, CLAMP U.C. ANCHORS, BASEPLATES AND LUGS.	
90- 261	K-P04715A-1	1063-435- 3- 14	INSTALL NEW SUPPORT BY WELDS 1-063A-D079-13 AND 1-063A-D079-14	This documents integral welds (pressure boundary). The integral welds were documented via an N-5 Supplement per our NRC commitments. This NIS-2 Attachment is for the hanger work only.
90- 262	K-P04715A-1	1063-435- 3- 14	INSTALL NEW SUPPORT, SNUBBER, WELDED ATTACHMENTS, BASEPLATES AND U.C. ANCHORS.	
90- 263	K-P05638A-1	1001-400- 6-134	MODIFY SUPPORT	
90- 264	K-P05638A-1	1001-400- 6- 96	DELETE SUPPORT	
90- 265	K-P05638A-1	1001-400- 6- 97	DELETE SUPPORT	
90- 268	K-P05640A-1	1001-400- 6- 68	MODIFY SUPPORT	
90- 269	K-P05640A-1	1001-400- 6- 81	DELETE SUPPORT	
90- 270	K-P05640A-1	1001-400- 6- 82	DELETE SUPPORT	
90- 271	K-P05640A-1	1001-400- 6- 88	MODIFY SUPPORT	
90- 272	K-P05640A-1	1001-400- 6- 89	MODIFIED SUPPORT	
90- 273	K-P05640A-1	1001-400- 6- 95	DELETE SUPPORT	
90- 275	K-P06014A-1	1001-400-11- 44	DELETE SUPPORT	

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90- 276	K-P06014A-1	1001-400-11- 46	DELETE SUPPORT	
90- 277	K-P06014A-1	1001-400-11- 47	DELETE SUPPORT	
90- 278	K-P06014A-1	1001-400-11- 51	DELETE SUPPORT	
90-1225	K-P02916A-1	1070-70-1CC-R 14	REMOVE THE EXISTING SNUBBER AND CLAMP AND REPLACE WITH NEW STRUT AND CLAMP.	
90-1226	K-P02916A-1	1070-70-1CC-R 19	REMOVE THE EXISTING SNUBBER AND CLAMP AND REPLACD WITH THE NEW STRUT AND CLAMP.	
90-1227	K-P02916A-1	1070-70-1CC-R 24	REMOVE THE EXISTING SNUBBER AND CLAMP AND REPLACE WITH THE NEW STRUT AND CLAMP.	
90-1228	K-P02916A-1	2070-70-2CC-R 25	REMOVE THE EXISTING SNUBBER AND CLAMP AND REPLACE WITH NEW STRUT AND CLAMP	
90-1229	K-P02916A-1	2070-70-2CC-R 40	REMOVE THE EXISTING SNUBBER AND CLAMP AND REPLACE WITH THE NEW STRUT AND CLAMP.	
90-1230	K-P02916A-1	2070-70-2CC-R 47	REMOVE THE EXISTING SNUBBER AND CLAMP AND REPLACE WITH A NEW STRUT AND CLAMP.	
91- 2	C-WBP890502-8	1062-62-1CVC-R154	REPLACE BOLTING	
91- 9	K-P04612A-1	1062-62-1CVC-R262	ADDED CLIP ANGLES.	
91- 10	K-P04612A-1	1062-62-1CVC-R268	REMOVED AND COMPLETELY REBUILT SUPPORT	
91- 11	K-P05922A-2	1074-1-74- 23	DELETED SUPPORT	
91- 12	K-P05922A-1	1074-1-74- 14	ADDED STIFFENER PLATES	
91- 13	K-P05922A-1	1074-1-74- 1	ADDED AN ADDITIONAL WELD	
91- 18	K-P04491A-1	1072-437- 3- 10	INSTALL NEW SUPPORT	
91- 19	K-P04529A-1	1003-1-03A-505	ADD ADDITIONAL WELD AND STIFFENER PLATES TO SUPPORT	

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91- 20	K-K06013A-1	1001-400-11- 14	DELETED SUPPORTS	ALSO DELETES SUPPORTS 47A400-11-5, -6, AND -9.
91- 26	NA067LB	1-067C-D294-08	REPAIRED WELD BY GRINDING TO REMOVE INDICATION	
91- 27	NA003GB	1-003C-D011-06	REPAIRED WELD BY GRINDING TO REMOVE INDICATION.	
91- 28	K-P04729A-1	1062-406-17- 1	REMOVE EXISTING BOX ANCHOR AND INSTALL A STRUT AND CLAMP ASSEMBLY.	
91- 29	K-P04729A-1	1062-406-17- 2	MODIFY SUPPORT	
91- 30	K-P04729A-1	1062-406-17- 3	INSTALL NEW SUPPORT	
91- 31	K-P04729A-1	1062-406-17- 4	MODIFY SUPPORT	
91- 32	K-P04729A-1	1062-406-17- 5	INSTALL NEW SUPPORT	
91- 33	K-P04729A-1	1062-406-17- 6	INSTALL NEW SUPPORT	
91- 34	K-P04729A-1	1062-406-17- 7	INSTALL NEW SUPPORT	
91- 41	K-P05922A-1	1074-1-74- 12	MODIFY SUPPORT	
91- 42	K-P04729A-1	1062-060-62-152	INSTALL NEW BOX ANCHOR SUPPORT	This includes pressure boundary welding (integral weld). Per our NRC commitments the integral weld was documented on an N-5 Supplement. This NIS-2 Attachment is for the hanger work only.
91- 43	K-P04729A-1	1062-060-62-152	INSTALL NEW SUPPORT	
91- 44	K-P04729A-1	1062-060-62-153	INSTALL NEW BOX ANCHOR SUPPORT	This includes pressure boundary welding (integral attachment). Per our NRC commitments the integral weld was documented on an N-5 Supplement. This NIS-2 Attachment is for the hanger work only.
91- 45	K-P04729A-1	1062-060-62-153	INSTALL NEW BOX ANCHOR SUPPORT	This includes pressure boundary welding (integral attachment). Per our NRC commitments the integral weld was documented on an N-5 Supplement.

This NIS-2 Attachment is for the hanger work only.

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91- 46	K-P04729A-1	1062-62-1CVC-R 61	REMOVE EXISTING LUGS AND REPLACE WITH NEW SUPPORT AND NEW LUGS.	This documents pressure boundary welding (integral attachment). Per our NRC commitments the integral weld was documented on an N-5 Supplement. This NIS-2 Attachment is for the hanger work only.
91- 48	K-P04729A-1	1062-62-1CVC-R 62	REMOVE EXISTING LUGS AND INSTALL NEW LUGS AND SUPPORT	
91- 49	K-P04729A-1	1062-62-1CVC-R 62	REMOVE EXISTING LUGS AND REPLACE WITH NEW LUGS.	
91- 50	K-P04729A-1	1062-62-1CVC-R 83	DELETE SUPPORT	
91- 52	K-P04729A-1	1062-62-1CVC-R103	MODIFY SUPPORT	
91- 53	K-P04729A-1	1062-62-1CVC-R112	REMOVE EXISTING SNUBBER AND REPLACE WITH A STRUT.	
91- 54	K-P04729A-1	1062-62-1CVC-R114	MODIFY EXISTING SUPPORT	
91- 55	K-P04729A-1	1062-62-1CVC-R130	DELETE SUPPORT	
91- 56	K-P04729A-1	1062-406- 2- 22- 2	DELETE SUPPORT	
91- 57	A-670470	1-SGEN- 68 - SG3	BLEND TUBE END DAMAGE AT STEAM GENERATOR #3, ROW 9 COLUMN 13.	
91- 58	K-P04796A-1	1062-406- 9- 42	INSTALL NEW SUPPORT	
91- 61	K-P04601A-1	1062-62-1CVC-R182	REPLACED DAMAGED STRUT	
91- 62	K-P04601A-1	1062-62-1CVC-R176	MODIFY SUPPORT AND REPLACE EXISTING ANGLE.	
91- 63	K-P04601A-1	1062-406- 1- 2	ADD ADDITIONAL WELD METAL	
91- 68	K-P05641A-1	1001-400- 7- 20	MODIFY SUPPORT	
91- 69	K-P05641A-1	1001-400- 7- 55	MODIFY SUPPORT	
91- 74	K-P05713A-1	1072-437- 4- 8	MODIFY EXISTING SUPPORT	
91- 75	K-P05713A-1	1072-437- 4- 8	MODIFY EXISTING SUPPORT	This involves pressure boundary welding (lugs). Per our NRC

commitments the pressure boudnary welding was documented on an N-5 Supplement. This NIS-2 Attachment is for the hanger work only.

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91- 76	K-P05713A-1	1072-437- 4- 7	MODIFY EXISTING SUPPORT	This involves pressure boundary welding (integral attachments). Per our NRC commitments the integral attachments was documented on an N-5 Supplement. This NIS-2 Attachment is for the hanger work only.
91- 77	K-P05713A-1	1072-437- 4- 7	MODIFY EXISTING SUPPORT.	This involves pressure boudnary welding (integral attachments). Per our commitments the integral attachments were documented on an N-5 Supplement. This NIS-2 Attachment is for the hanger work only.
91- 78	K-P05713A-1	1072-437- 1- 9	ADD WELD METAL TO INCREASE WELD SIZE.	
91- 79	K-P05713A-1	1072-437- 1- 51	MODIFY EXISTING SUPPORT BY RETAGGING AND ADDING A SPACER.	
91- 80	K-P05713A-1	1072-437- 4- 2	MODIFY EXISTING SUPPORT	
91- 81	K-P05713A-1	1072-437- 4- 1	MODIFY EXISTING SUPPORT	
91- 82	K-P05713A-1	1072-437- 4- 3	DELETE SUPPORT	
91- 83	K-P05713A-1	1072-437- 1- 2	MODIFY EXISTING SUPPORT	
91- 84	K-P05713A-1	1072-437- 1- 54	ADD SPACER TO ACHIEVE CORRECT GAP AND RETAG	
91- 86	K-P04537A-1	1001-400- 6- 72	REMOVE EXISTING SUPPORT AND INSTALL A NEW ONE.	
91- 87	K-P04537A-1	1001-400- 6- 99	MODIFY EXISTING SUPPORT	
91- 88	K-P04537A-1	1001-400- 6-100	REMOVE EXISTING SUPPORT AND INSTALL A NEW ONE.	
91- 89	K-P04537A-1	1001-400- 6-101	REMOVE EXISTING SUPPORT AND INSTALL A NEW ONE.	
91- 90	K-P04537A-1	1001-400- 6-102	REMOVE EXISTING SUPPORT AND INSTALL NEW ONE.	
91- 91	K-P04537A-1	1001-400- 6-183	MODIFY EXISTING SUPPORT AND INSTALL A NEW ONE.	

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91- 92	K-P04537A-1	1001-400- 6-184	REMOVE EXISTING SUPPORT AND INSTALL A NEW ONE.	
91- 93	K-P04537A-1	1001-400- 6-205	DELETE SUPPORT	
91- 94	K-P04537A-1	1001-400- 6-261	REMOVE EXISTING SUPPORT AND INSTALL NEW ONE.	
91- 95	K-P04537A-1	1001-400- 6-398	INSTALLED NEW SUPPORT	
91- 96	K-P04537A-1	1063-435- 8- 39	REMOVE EXISTING SUPPORT AND INSTALL A NEW SUPPORT	
91- 100	K-P04725A-1	1062-406- 8- 69	INSTALL NEW SUPPORT AND SNUBBER	
91- 105	C-WBP890502-1	1003-1-03A-526	REPLACE DAMAGES MECHANICAL SHOCK ARRESTOR.	
91- 106	C-WBP890502-1	1003-1-03A-374	REPLACE DAMAGED MECHANICAL SHOCK ARRESTOR.	
91- 107	C-WBP890502-1	1070-70-1CC-R 71	REPLACE MISSING CLAMP, PLATE WASHERS AND NUTS.	
91- 108	C-WBP890502-1	1070-70-1CC-R 46	REPLACE MISSING CLAMP, PLATE WASHERS, BOLTS AND NUTS	
91- 150	K-P04712A-1	1063-63-1SIS-R 34	INSTALLED NEW CLAMP	
91- 151	K-P04712A-1	1063-63-1SIS-R 41	DELETED SNUBBERS	
91- 152	K-P04739A-1	1062-62-1CVC-R271	DELETED SNUBBERS AND INSTALLED STRUT AND PIPE CLAMP	
91- 155	K-P04712A-1	1063-63-1SIS-R 33	DELETED SNUBBER AND ADDED STRUT	
91- 156A	K-P04623A-2	1062-555- 3- 12	REPLACED EXISTING VERTICAL STRUT WITH DIFFERENT STRUT, STAKED SPHERICAL BEARING.	
91- 156B	K-P04623A-2	1062-555-10- 20	ADDED 3/8 STIFFENER AND ADDED WELD METAL TO EXISTING SPACER.	
91- 156D	K-P04623A-2	1062-555-10- 36	ADDED BASEPLATES AND STRUCTURAL STEEL SHAPES.	

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91- 156E	K-P04623A-2	1062-555-10- 42	REMOVE EXISTING ROD AND REPLACE WITH RIGID STRUT AND NEW END ATTACHMENT.	
91- 156G	K-P04623A-2	2062-555-10- 60	REPLACED CLAMP AND ANGLES WITH STRUCTURAL TUBING	
91- 156H	K-P04623A-2	1062-555-10- 77	ADDED 1" THICK PLATE TO REDUCE PIPE TO STRUCTURE GAP.	
91- 156I	K-P04623A-2	1062-555-11- 2	MODIFY SUPPORT PER WORK PLAN.	
91- 156J	K-P04623A-2	1062-62-1LCV-R 37	REMOVED EXISTING CLAMP AND REPLACED WITH PLATES.	
91- 156K	K-P04623A-2	1062-62-1LCV-R 38	MINOR HARDWARE CHANGES TO STRUCTURAL MEMBERS.	
91- 156L	K-P04623A-2	1062-62-1LCV-R 45	REPLACE EXISTING CONFIGURATION WITH WELDED BEAM STTACHMENT AND ADDITIONAL HARDWARE	
91- 156N	K-P04623A-2	1062-62-1LCV-R232	MODIFIED SUPPORT PER WORKPLAN	
91- 156O	K-P04623A-2	1062-62-1LCV-R235	REPLACED PIPE CLAMP.	
91- 156P	K-P04623A-2	2062-62-2LCV-R 1	REMOVE EXISTING BP CLAMPS AND REPLACE WITH STRUCTURAL SHAPES.	
91- 156Q	K-P04623A-2	2062-62-2LCV-R 13	REMOVE EXISTING BP CLAMPS AND REPLACE WITH STRUCTURAL SHAPES.	
91- 156R	K-P04623A-2	2062-62-2LCV-R 25	REPLACED MODIFIED BP PART WITH SIMILAR BP CLAMP	
91- 156S	K-P04623A-2	2062-62-2LCV-R 26	REPLACED THE END ATTACHMENT	
91- 156T	K-P04623A-2	2062-62-2LCV-R 10	CUT DOWN EXISTING STRUCTURE FROM BASEPLATE AND INSTALLED 3 PIECES OF STRUCTURAL STEEL.	
91- 156U	K-P04623A-2	1062-555-10- 50	REPLACED REAR BRACKET AND NUTS.	
91- 156V	K-P04623A-2	1062-62-1LCV-R227	REPLACED BEAM ATTACHMENT, EYE NUT AND U-BOLT.	

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91- 156W	K-P04623A-2	1062-555-10- 24	REMOVED EXISTING SUPPORT AND INSTALLED TS AND PLATE.	
91- 157	K-P06183A-1	1070-464- 4-162	REWORKED HANGER TO ACHIEVE REQUIRED PIPE GAPS.	
91- 158	K-P04513A-1	1003-03B-1AFW-R128	REMOVED EXISTING SUPPORT, INSTALLED NEW STRUCTURAL MEMBERS AND REINSTALLED.	
91- 159	K-P04513A-1	1003-03B-1AFW-R174	REMOVED EXISTING SUPPORT, INSTALLED NEW STRUCTURAL MEMBERS AND REINSTALLED.	
91- 163	K-P04797A-1	1062-406- 8- 73	FABRICATED AND INSTALLED NEW SUPPORT.	
91- 164	K-P04797A-1	1062-1-62 -615	ADDED ITEMS 1 AND 2 PER DCA 4797-04-0	
91- 165	K-P04797A-1	1062-1-62 -610	DELETED SUPPORT	
91- 169	K-P04722A-1	1062-406- 8- 72	FABRICATED AND INSTALLED NEW SUPPORT	
91- 170	K-P04722A-1	1062-406- 8- 77	FABRICATED AND INSTALLED NEW SUPPORT	
91- 171	K-P04722A-1	1062-1-62A-400	REMOVED AND VOIDED SUPPORT	
91- 172	K-P04722A-1	1062-1-62A-401	REMOVED AND VOIDED SUPPORT	
91- 174	K-P05922A-1	1074-1-74- 10	MODIFY EXISTING SUPPORT PER WORK PLAN	
91- 175	K-M12976A-1	1063-1-63-552	DELETED SUPPORT	
91- 176	K-M12976A-1	1063-1-63-551	DELETED SUPPORT	
91- 177	K-M12976A-1	1063-1-63-160	DELETED SUPPORT	Also affects 1063-1-63-163 and -161.
91- 182	K-P04633A-3	1063-435- 6- 74	ADDED 3/4 INCH THICK STIFFENER	
91- 183	K-P04633A-3	1063-435- 8- 73	INCREASE WELD SIZES	
91- 184	K-P04633A-3	1063-1-63- 40	ADD TUBE STEEEL AND BERGEN PATTERSON PARTS TO EXISTING SUPPORT	
91- 185	K-P04633A-3	1063-1-63- 56	MODIFY SUPPORT PER WORKPLAN K-P04633A-3	

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91- 186	K-P04633A-3	1063-1-63- 84	SUPPORT VOIDED AND REMOVED	
91- 187	K-P04633A-3	1063-1-63- 87	ADDED STIFFENER PLATES	
91- 188	K-P04633A-3	1063-1-63-119	ADD TUBE STEEL BRACE	
91- 189	M- 5841-1	1-062B-D033-09	REMOVE SURFACE CONDITION AND REEXAMINE	
91- 190	M- 5841-1	1-062B-D036-11D	REMOVE SURFACE CONDITION AND REEXAMINE	
91- 191	M- 5841-1	1-062B-D036-11E	REMOVE SURFACE CONDITION AND REEXAMINE	
91- 192	M- 5841-1	1-062B-T183-03	REMOVE SURFACE CONDITION AND REEXAMINE	
91- 193	M- 5841-1	1-062B-T183-11	REMOVE SURFACE CONDITION AND REEXAMINE	
91- 194	M- 5841-1	1-062B-T217-17	REMOVE SURFACE CONDITION AND REEXAMINE	
91- 195	M- 5841-1	1-062B-T217-10	REMOVE SURFACE CONDITION AND REEXAMINE	
91- 196	M- 5841-1	1-062B-D036-07D	REMOVE SURFACE CONDITION AND REEXAMINE	
91- 198	C-WBP880173-1	1074-432- 3- 3	REALIGNED SNUBBERS BY RELOCATING SUPPORT	
91- 199	K-K06001A-1	1068-1-68-333	SUPPORT VOIDED AND REMOVED	
91- 200	K-K06001A-1	1068-1-68-335	SUPPORT VOIDED AND REMOVED	
91- 201	K-K06001A-1	1068-1-68-334	SUPPORT VOIDED AND REMOVED	
91- 202	K-K06031A-1	1068-465- 8- 80	INSTALLED NEW SUPPORT	
91- 203	K-K06031A-1	1068-465- 8- 81	REPLACED EXISTING SUPPORT WITH A NEW SUPPORT	
91- 208	K-K06031A-1	1068-465- 8- 86	INSTALLED NEW ID TAG. REMOVED SNUBBER AND REPLACED WITH A STRUT	
91- 209	K-K06031A-1	1068-465- 8- 88	INSTALLED NEW ID TAG. ADDED NEW SHIM PLATE AND STRUTURAL SHAPES.	
91- 210	K-K06031A-1	1068-465- 8- 94	INSTALLED NEW ID TAG. ADDED NEW SHIM PLATE AND STRUCTURAL SHAPES.	

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91- 211	K-K06031A-1	1068-465- 8- 83	REPLACED HANGER ITEMS 3 AND 4 WITH NEW MATERIAL AND REPLACED TO PLATE.	
91- 213	K-P04522A-1	1003-401- 2- 12	INSTALLED NEW SUPPORT.	
91- 214	K-P04522A-1	1003-1-03A-520	DELETED SUPPORT.	
91- 215	K-P04522A-1	1003-1-03A-529	DELETED SUPPORT.	
91- 218	K-P04588A-1	1062-1-62A-154	INSTALL NEW STRUT ASSEMBLY AND PIPE CLAMP PER DCN.	
91- 222	A-418457	1-TANK- 63 - 46	REPLACE 2 BOLTS AND 4 NUTS ON MANWAY COVER.	
91- 223	K-K06034A-1	1068-1-68-449	SUPPORT REMOVED AND VOIDED.	
91- 224	K-K06034A-1	1068-1-68-392	SUPPORT REMOVED AND VOIDED.	
91- 225	K-K06034A-1	1068-1-68-413	SUPPORT REMOVED AND VOIDED.	
91- 226	K-P04612A-1	1062-62-1CVC-R257	ADD STRUCTURAL SHAPES TO SUPPORT	
91- 227	K-P04612A-1	1062-62-1CVC-R258	ADD STRUCTURAL SHAPES TO SUPPORT	
91- 228	K-P04612A-1	1062-62-1CVC-R277	ADD STRUCTURAL SHAPES TO SUPPORT	
91- 229	K-P04704A-1	1063-1-63-166	ADD NEW BASE PLATE AND ANCHORS	
91- 230	K-P04704A-1	1063-435- 6- 99	ADD NEW BASE PLATE AND ANCHORS	
91- 231	K-P04704A-1	1063-435- 6-103	INSTALL BP SNUBBER AND PIPE CLAMP WITH TUBE STEEL WELDED TO W-12	
91- 232	K-P04704A-1	1063-435- 6-102	INSTALL BP SNUBBER AND PIPE CLAMP TO 3 INCH PIPE.	
91- 233	K-P04704A-1	1063-435-10- 9	SUPPORT DELETED.	
91- 234	K-P04704A-1	1063-435-10- 48	INSTALL SUPPORT WITH SNUBBER AND TUBE STEEL TO EXISTING W-12.	
91- 235	K-P04704A-1	1063-1-63-168	ADD NEW BASEPLATE AND ADDITIONAL TUBE STEEL.	

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91- 236	K-P04601A-1	1062-406- 1- 2	ADD WELD METAL TO EXISTING WELDS TO ACHIEVE PROPER WELD SIZE.	
91- 240	E- 6259-4	1063-63-1SIS-R 50	ADD STIFFENER PLATES AND RELOCATE PIPE LUGS	This involves pressure boundary welding (integral attachments). Per our NRC commitments the integral attachments were documented on an N-5 Supplement. This NIS-2 Attachment is for the hanger work only.
91- 241	E- 6259-4	1063-63-1SIS-R 86	ADD STIFFENER PLATES AND RELOCATE PIPE LUGS	This involves pressure boundary welding (integral attachments). Per our NRC commitments the integral attachments were documented on an N-5 Supplement. This NIS-2 Attachment is for the hanger work only.
91- 242	K-P04700A-1	1063-1-63-470	REMOVED EXISTING HARDWARE AND REPLACED WITH NEW	
91- 252	K-P04623A-1	1062-62-1LCV-R 44	ADDED NEW SUPPORT	
92- 1	K-P05595A-1	1061-462- 8- 3	DELETED SUPPORT	
92- 2	K-P05595A-1	1061-462- 8- 5	MODIFIED TO REMOVE CLAMP AND STANCHIONS	
92- 3	K-P05595A-1	1061-462- 8- 11	RELOCATED TUBE STEEL TO OBTAIN PROPER CLAMP TO SUPPORT CLEARANCE	
92- 4	K-P05595A-1	1061-462- 8- 13	ADDED ADDITIONAL SPACER PLATES	
92- 5	K-P05595A-1	1061-462- 8- 35	DELETED SUPPORT	
92- 6	E- 6429-9	X-108	ADDED PORT FLANGES TO CONVERT TO SPARE PENENTRATION	Also affects X-109.
92- 7	E- 6476-3	1001-400- 6- 69	PERFORM REPAIR WELDS 47A400-6-69-1 THRU -3 AND -8 AND PERFORM N-VT-2	
92- 8	K-P05595A-1	1061-462- 8- 85	ADDED NEW SUPPORT	
92- 9	K-P05595A-1	1061-462- 8- 86	ADDED NEW SUPPORT	
92- 10	E- 6476-3	1001-400- 6- 71	PERFORM WELDS 47A400-6-71-1 AND -2	

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92- 11	E- 6476-3	1001-400- 6-265	PERFORM REPAIR WELDS 47A400-6-265-1 THRU -4	
92- 12	A-667136	1068-1-68- 26	REPAIRED MINIMUM WALL VIOLATION ON TUBE STEEL	
92- 13	K-K05791A-1	1068-1-68-347	DELETE SUPPORT	
92- 14	K-K05791A-1	1068-1-68-349	DELETE SUPPORT	
92- 15	K-K05791A-1	1068-1-68-350	DELETE SUPPORT	
92- 16	K-K05791A-1	1068-1-68-351	DELETE SUPPORT	
92- 17	K-K05791A-1	1068-465- 1- 30A	DELETE SUPPORT	
92- 18	K-K05791A-1	1068-465- 1- 30B	DELETE SUPPORT	
92- 19	K-K05791A-1	1068-1-68-378	DELETE SUPPORT	
92- 20	K-K05791A-1	1068-1-68-380	DELETE SUPPORT	
92- 23	K-P05636A-1	1003-401- 7- 39	ADDED NEW SUPPORT	
92- 24	K-P05636A-1	1003-1-03A-423	DELETE SUPPORT	
92- 25	K-P05636A-1	1003-1-03A-427	DELETE SUPPORT	
92- 26	K-P05636A-1	1003-060- 3- 45	DELETED SUPPORT 1003-A427-05-021 WITH THIS SUPPORT	
92- 28	K-P05600A-1	1072-72-1CS-R 52	REMOVED A BENT 1/4" PLATE AND ADDED TWO T's.	
92- 29	K-P05600A-1	1072-72-1CS-R 70	MODIFIED BY REMOVING A W4X13	
92- 30	K-P05600A-1	1078-454- 1-204	INSTALLED A NEW SUPPORT	
92- 31	K-P05600A-1	1072-437- 5- 2	REPLACED EXISTING SNUBBER WITH A NEW SNUBBER OF SAME MODEL NUMBER	
92- 32	K-P05600A-1	1072-437- 5- 7	REMOVED AND DELETED SUPPORT.	
92- 33	K-P05600A-1	1072-72-1CS-R126	REMOVED TWO PLATES AND ADDED A W6X25, FOUR LUGS AND STIFFENER PLATES.	

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92- 34	K-P05600A-1	1072-060-72- 23	REMOVED AND DELETED SUPPORT.	
92- 35	K-P05600A-1	1072-060-72- 24	REMOVED AND DELETED SUPPORT.	
92- 36	K-P05600A-1	1063-435- 1- 20	REMOVED AND DELETED SUPPORT.	
92- 37	K-P05600A-1	1063-435- 1- 22	REMOVED AND DELETED SUPPORT.	
92- 38	K-P05600A-1	1072-72-1CS-R142	REPLACED A 14" ROD, A WELDED BEAM ATTACHMENT, AND A U-BOLT WITH ITEMS OF A DIFFERENT DESIGN	
92- 39	K-P05600A-1	1072-72-1CS-R 43	REMOVED SUPPORT AND DELETED.	
92- 40	K-K05792A-1	1068-1-68- 24	REMOVED SUPPORT AND DELETED.	
92- 41	K-K05792A-1	1068-1-68- 39	REMOVED SUPPORT AND DELETED.	
92- 42	K-K05792A-1	1068-1-68- 44	REMOVED SNUBBER AND REPLACED WITH A STRUT.	
92- 43	K-K05792A-1	1068-1-68- 45	REMOVED AND VOIDED EXISTING SUPPORT.	
92- 45	K-K05792A-1	1068-1-68- 21	REMOVED AND VOIDED EXISTING SUPPORT.	
92- 46	K-K05792A-1	1068-1-68- 20	REMOVED SNUBBER AND REPLACED WITH RIGID STRUT	
92- 47	K-K05792A-1	1068-1-68- 26	REMOVED EXISTING CLAMP AND REPLACED WITH A STRUCTURAL RESTRAINT (SHIMS FABRICATED FROM STRUCTURAL SHAPES AND WELDED TO THE SUPPORT)	
92- 48	K-K05792A-1	1068-1-68- 27	REMOVED SNUBBER AND REPLACED WITH A RIGID RESTRAINT (NOT A DIRECT REPLACEMENT OF SNUBBER WITH STRUT. ENTIRE SUPPORT WAS REDESIGNED AS A RIGID RESTRAINT.)	
92- 49	K-K05792A-1	1068-1-68- 12	REMOVED AND VOIDED EXISTING SUPPORT.	
92- 50	K-K05792A-1	1068-1-68- 55	REPLACED SNUBBER WITH RIGID STRUT AND ADDED STRUCTURAL STEEL BRACING.	
92- 51	K-A04229A-1	1074-74-1RHR-R 59	NOTCHED SOUTHERN MOST FLANGE OF W4X13 ELEMENT TO PROVIDE CLEARANCE.	

WBN - ASME Section XI Repair/Replacement Program
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Sorted by Tracking Number

NIS-2 TRACKING NUMBER	WORK IMPLEMENTING DOCUMENT NUMBER	AFFECTED COMPONENT	DESCRIPTION OF REPAIR/REPLACEMENT	COMMENTS
92- 52	K-P05240A-1	1070-1-70-171	REPLACED SNUBBER, CLAMP AND REAR BRACKET WITH A SNUBBER, CLAMP AND REAR BRACKET OF A MODIFIED DESIGN.	
92- 53	K-P04633A-1	1063-1-63- 49	MODIFIED BY ADDING WELD SIZE AND CONFIGURATION AND ADDING LUGS.	
92- 54	K-P03655A-1	1063-1-63-473	INSTALLED NEW SUPPORT	
92- 55	K-P03655A-1	1063-435- 8- 31	INSTALLED NEW SUPPORT	
92- 56	K-P03655A-1	1063-435- 7- 81	INSTALLED NEW SUPPORT	
92- 57	K-P03655A-1	1063-435- 6- 39	REPLACED SUPPORT BOLTING MATERIAL	
92- 58	K-P04633A-1	1063-1-63- 47	INCREASED WELD SIZES, ADDED SPACER PLATES AND LUGS.	This involves pressure boundary welding. Per our NRC commitments the pressure boundary welding was documented on an N-5 Supplement. This NIS-2 Attachment is for the component support work only.
92- 59	K-P04633A-1	1063-1-63- 51	ADDED SPACER PLATES AND LUGS.	This involves pressure boundary welding. Per our NRC commitments the pressure boudnary welding was documented on an N-5 Supplement. This NIS-2 Attachment is for the component support work only.
92- 60	K-P04633A-1	1063-1-63- 53	INCREASE WELD SIZES AND ADDED LUGS.	This involves pressure boundary welding. Per our NRC commitments the pressure boudnary welding was documented on an N-5 Supplement. This NIS-2 Attachment is for the component support work only.
92- 61	K-M12465A-1	1062-1-62A-558	DELETED SUPPORT.	
92- 62	K-P05600A-1	1072-437- 5- 8	REMOVED EXISTING SNUBBER END BRACKET AND CLAMP AND REPLACED WITH A RIGID STRUT.	
92- 63	K-P04684A-1	1003-03B-1AFW-R212	REMOVED EXISTING SNUBBER END BRACKET, CLAMP AND W4X13. REPLACED WITH NEW MATERIAL AND SNUBBER WITH NEW CLAMP.	

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NIS-2 TRACKING NUMBER	WORK IMPLEMENTING DOCUMENT NUMBER	AFFECTED COMPONENT	DESCRIPTION OF REPAIR/REPLACEMENT	COMMENTS
92- 64	K-P04684A-1	1003-1-03A-490	REMOVED SPACER AND 4X4 TUBE STEEL. REPLACED WITH NEW MATERIAL.	
92- 66	M- 5802-3	1063-63-1SIS-V180	REMOVED WELDED EYEROD AND INSTALLED WELDLESS EYENUT, THREADED ROD AND TRIM CLAMP EARS.	
92- 69	K-P04537A-1	1001-400- 6-103	ADDED WELD METAL AND PERFORMED INSPECTION OF BOLTED CONNECTIONS AND SNUBBERS.	
92- 70	K-P03655A-1	1063-1-63-472	REPLACED SUPPORT WITH ONE OF A DIFFERENT DESIGN.	
92- 71	K-P04602A-1	1062-62-1CVC-R120	REMOVED DELETED SUPPORT	
92- 72	K-P04602A-1	1062-62-1CVC-R122	REMOVED DELETED SUPPORT	
92- 73	K-P04602A-1	1062-060-62-162	INSTALL NEW SUPPORT.	
92- 74	K-P04602A-1	1062-406- 3- 9	REMOVE DELETED SUPPORT	
92- 75	K-P04602A-1	1062-406- 3- 38	INSTALL NEW SUPPORT	
92- 76	K-P04602A-1	1062-406- 3- 40	REMOVE EXISTING SUPPORT, FABRICATE AND INSTALL A NEW SUPPORT	
92- 77	K-P04602A-1	1062-62-1CVC-R 51	REMOVE EXISTING SUPPORT, FABRICATE AND INSTALL A NEW SUPPORT	
92- 78	K-P04602A-1	1062-406- 3- 36	INSTALL NEW SUPPORT	
92- 79	K-P04602A-1	1062-406- 1- 27	INSTALL NEW SUPPORT	
92- 80	K-P04602A-1	1062-62-1CVC-R 86	REMOVED SUPPORT AND REINSTALLED PER DCA. INVOLVED INSTALLATION OF LUGS.	This involves presure boundary welding (integral attahcments - lugs). Per our commitments the integral attachments were documented on an N-5 Supplement. This NIS-2 Attachment is for the component support work only.
92- 81	K-P04602A-1	1062-62-1CVC-R 87	CHANGED STRUTS TO LARGER SIZE AND REPLACED LUGS AND CLAMP	The lugs involve pressure boundary welding and were performed under the ASME III program including preparation of an N-5 Supplement. This NIS-2 covers the replacement of the struts

and clamp.

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NIS-2 TRACKING NUMBER	WORK IMPLEMENTING DOCUMENT NUMBER	AFFECTED COMPONENT	DESCRIPTION OF REPAIR/REPLACEMENT	COMMENTS
92- 82	K-P04602A-1	1062-406- 3- 37	INSTALL ENTIRE NEW SUPPORT	
92- 83	K-P04591A-1	1062-1-62A-244	DELETE EXISTING SUPPORT	
92- 84	K-P04591A-1	1062-1-62A-252	DELETE EXISTING SUPPORT	
92- 85	K-P04591A-1	1062-1-62A-258	DELETE EXISTING SUPPORT	
92- 86	K-P04591A-1	1062-1-62A-259	DELETE EXISTING SUPPORT	
92- 87	K-P04591A-1	1062-1-62A-266	DELETE EXISTING SUPPORT	
92- 88	K-P04591A-1	1062-1-62A-267	DELETE EXISTING SUPPORT	
92- 89	K-P04591A-1	1062-1-62A-271	REMOVED EXISTING CLAMP, INSTALLED LUGS AND NEW ASSEMBLY	
92- 90	K-P04591A-1	1062-1-62A-273	DELETE EXISTING SUPPORT	
92- 91	K-P04591A-1	1062-1-62A-274	DELETE EXISTING SUPPORT	
92- 92	K-P04591A-1	1062-1-62A-276	DELETE EXISTING SUPPORT	
92- 93	K-P04591A-1	1062-1-62A-277	MODIFY BY ADDING STRUCTURAL MATERIAL, NEW BP STRUTS AND FRICTION ANCHORS	
92- 94	K-P04591A-1	1062-1-62A-278	DELETE EXISTING SUPPORT	
92- 95	K-P04591A-1	1062-1-62A-523	DELETE EXISTING SUPPORT	
92- 96	K-P04591A-1	1062-1-62A-528	MODIFY TO REMOVE EXISTING STRUCTURAL MATERIAL AND INSTALL NEW STRUCTURAL MATERIAL.	This involves pressure boundary welding (integral attachments). Per our commitments the pressure boundary welding was documented on an N-5 Supplement. This NIS-2 Attachment is for the component support work only.
92- 97	K-P04591A-1	1062-1-62A-531	DELETE EXISTING SUPPORT.	
92- 98	K-P04591A-1	1062-1-62A-537	ADD STRUCTURAL SHAPES AND LUGS.	This involves pressure boundary welding (integral attachments). Per our NRC commitments the pressure boundary welding was documented on an N-5 Supplement. This NIS-2 is for the component support work only.

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NIS-2 TRACKING NUMBER	WORK IMPLEMENTING DOCUMENT NUMBER	AFFECTED COMPONENT	DESCRIPTION OF REPAIR/REPLACEMENT	COMMENTS
92- 99	K-P04591A-1	1062-1-62A-539	DELETE EXISTING SUPPORTS	
92- 100	K-P04591A-1	1062-406- 7- 5	DELETE EXISTING SUPPORT.	
92- 102	K-P04591A-1	1062-406- 7-138	INSTALLED NEW SUPPORT	
92- 103	K-P04591A-1	1062-406- 7-139	INSTALLED NEW SUPPORT	
92- 104	K-P04591A-1	1062-406- 7-141	INSTALLED NEW SUPPORT	
92- 105	K-P04591A-1	1062-406- 7-142	INSTALLED NEW SUPPORT	
92- 106	K-P04591A-1	1062-406- 7-147	INSTALLED NEW SUPPORT	
92- 108	K-P05698A-2	1074-74-1RHR-R 6	REPLACED STRUTS AND END BRACKETS.	
92- 109	K-P05698A-2	1074-74-1RHR-R 16	REPLACED STRUTS AND CLAMP	
92- 110	K-P05698A-2	1074-74-1RHR-R 19	REPLACED STRUT	
92- 111	K-P05698A-2	1074-74-1RHR-R 28	ADDED STRUTURAL SHAPES	
92- 112	K-P05698A-2	1074-74-1RHR-R 29	COMPLETELY REBUILT SUPPORT TO NEW DESIGN	
92- 113	K-P05698A-2	1074-74-1RHR-R 32	ADDED NEW SUPPORT	
92- 114	K-P05698A-2	1074-74-1RHR-R 40	REPLACED STRUT AND CLAMP	
92- 115	K-P05698A-2	1074-74-1RHR-R 47	COMPLETELY REBUILT SUPPORT	
92- 116	K-P05698A-2	1074-74-1RHR-R 48	REPLACED STRUT, CLAMP AND ANCHORS	
92- 117	K-P05698A-2	1074-74-1RHR-R 88	REPLACED STRUT, CLAMP AND ANCHORS	
92- 118	K-P05698A-2	1074-74-1RHR-R 89	REPLACED STRUT, STRUCTURAL SHAPES, CLAMP AND ANCHORS	
92- 119	K-P05698A-2	1074-74-1RHR-R209	DELETED EXISTING SUPPORT	
92- 120	K-P05698A-2	1074-74-1RHR-R230	REPLACED STRUT AND CLAMP	
92- 122	K-P05698A-2	1074-060-63- 72	INSTALLED COMPLETE NEW SUPPORT	
92- 124	K-P05698A-2	1074-060-63- 76	INSTALLED COMPLETE NEW SUPPORT	

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NIS-2 TRACKING NUMBER	WORK IMPLEMENTING DOCUMENT NUMBER	AFFECTED COMPONENT	DESCRIPTION OF REPAIR/REPLACEMENT	COMMENTS
92- 125	K-P05698A-2	1074-060-74- 23	INSTALLED COMPLETE NEW SUPPORT	
92- 126	K-P05698A-2	1074-432- 2- 6	INSTALLED COMPLETE NEW SUPPORT	
92- 127	K-P05698A-2	1074-432- 2- 7	INSTALLED COMPLETE NEW SUPPORT	
92- 128	K-P05698A-2	1063-435- 1- 51	INSTALLED COMPLETE NEW SUPPORT	
92- 129	K-P05698A-2	1063-435- 1- 52	INSTALLED COMPLETE NEW SUPPORT	
92- 130	K-P05707A-1	1062-406- 3- 29	INSTALLED COMPLETE NEW SUPPORT	
92- 132	K-P05707A-1	1062-406- 3- 33	INSTALLED NEW SUPPORT	
92- 133	K-P05707A-1	1074-432- 1- 34	FABRICATED AND INSTALLED NEW SUPPORT	
92- 134	K-P05707A-1	1074-432- 1- 13	DELETED EXISTING SUPPORT	
92- 135	K-P05707A-1	1063-63-1SIS-R184	REPLACED EXISTING SUPPORT WITH ONE OF A NEW DESIGN	
92- 136	K-P05707A-1	1063-63-1SIS-R185	REMOVED CLAMP AND SNUBBER AND REPLACED WITH A RIGID STRUT.	
92- 137	K-P05707A-1	1074-74-1RHR-R184	REMOVED CLAMP AND STANCHIONS	
92- 138	K-P05707A-1	1062-406- 3- 15	DELETED EXISTING SUPPORT	
92- 139	K-P05707A-1	1074-74-1RHR-R191	FABRICATED AND INSTALLED NEW PORTION OF SUPPORT PER DCA	
92- 140	K-P05707A-1	1074-74-1RHR-V186	DELETED EXISTING SUPPORT	
92- 141	K-P05707A-1	1074-74-1RHR-R187	DELETED EXISTING SUPPORT	
92- 142	K-P05707A-1	1074-74-1RHR-V208	REMOVED SPRING CANS, ROD AND CLAMP AND DELETED HANGER.	
92- 143	K-P05707A-1	1062-406- 3- 3	REWORKED SUPPORT TO DELETE SNUBBER	
92- 144	K-P05707A-1	1063-63-1SIS-R193	DELETED EXISTING SUPPORT	
92- 145	K-P05707A-1	1063-63-1SIS-R197	DELETED EXISTING SUPPORT	
92- 146	K-P05698A-2	1063-63-1SIS-R 27	REMOVED EXISTING SUPPORT AND FABRICATED NEW REPLACEMENT	

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NIS-2 TRACKING NUMBER	WORK IMPLEMENTING DOCUMENT NUMBER	AFFECTED COMPONENT	DESCRIPTION OF REPAIR/REPLACEMENT	COMMENTS
92- 147	K-P05698A-2	1063-060-63- 74	INSTALLED COMPLETE NEW SUPPORT	
92- 148	K-P05698A-2	1063-060-63- 73	INSTALLED COMPLETE NEW SUPPORT	
92- 149	K-P04683A-1	1003-1-03A-471	DELETED EXISTING SUPPORT	
92- 150	K-P04683A-1	1003-1-03A-457	REMOVED SPACED WELDED TO THE CLAMP.	
92- 151	K-P04683A-1	1003-1-03A-470	DELETED EXISTING SUPPORT	
92- 152	K-P04683A-1	1003-401- 8- 2	DELETED SUPPORT	
92- 153	K-P04683A-1	1003-1-03A-371	DELETED SUPPORT	
92- 154	K-P04683A-1	1003-1-03A-446	DELETED SUPPORT	
92- 155	D-04635-01	1063-1-63-129	REBUILT BOX FRAME AND ADDED PLATES FOR STRENGTHENERS	
92- 156	D-04640-01	1063-1-63-314	RELOCATED TUBE STEEL FOR GREATER CLEARANCE	
92- 157	D-05724-01	1074-432- 1- 12	ADDED PLATES TO TUBE STEEL AND CHANGED VERTICAL CLEARANCE WITH SHIMS	
92- 158	D-05724-01	1063-63-1SIS-R195	REMOVED WG FROM EMBED AND REATTACHED WITH ANGLE CLIPS	
92- 159	D-05724-01	1063-63-1SIS-R187	CUT 6" WF FROM BASE PLATE AND REATTACHED WITH CLIP ANGLES	
92- 160	D-05713-01	1072-437- 4-111	ADDED WELD METAL TO COMPONENT SUPPORT	
92- 161	K-P04633A-4	1063-1-63- 85	SUPPORT DELETED AND REMOVED	Although the Summary Report says it is in K-P04633A-1, it is actually located in K-P04633A-4.
92- 162	K-P03579A-3	1-PMP - 68 - 8	REPLACED #1 SEAL HOUSING WITH A MODIFIED DESIGN IN CONJUNCTION WITH THE rcp CARTRIDGE SEAL CONVERSION	
92- 163	K-P03579A-3	1-PMP - 68 - 31	REPLACED #1 SEAL HOUSING WITH A MODIFIED DESIGN IN CONJUNCTION WITH THE rcp CARTRIDGE SEAL CONVERSION	

WBN - ASME Section XI Repair/Replacement Program
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NIS-2 TRACKING NUMBER	WORK IMPLEMENTING DOCUMENT NUMBER	AFFECTED COMPONENT	DESCRIPTION OF REPAIR/REPLACEMENT	COMMENTS
92- 164	K-P03579A-3	1-PMP - 68 - 50	REPLACED #1 SEAL HOUSING WITH A MODIFIED DESIGN IN CONJUNCTION WITH THE rcp CARTRIDGE SEAL CONVERSION	
92- 165	K-P03579A-3	1-PMP - 68 - 73	REPLACED #1 SEAL HOUSING WITH A MODIFIED DESIGN IN CONJUNCTION WITH THE rcp CARTRIDGE SEAL CONVERSION	
92- 166	D-04642-02	1063-1-63-369	ADDS 1/2" THICK STIFFENER PLATES TO EXISTING W6x25 STRUCTURAL MEMBER	
92- 167	D-04642-02	1063-1-63-388	ADDED WELD METAL TO EXISTING WELD	
92- 168	K-P03655A-1	1063-435- 7- 38	REMOVED AND INSTALLED SUPPORT WITH NEW MATERIAL	
92- 170	K-P04683A-1	1003-401- 7- 32	FABRICATED AND INSTALLED NEW SUPPORT	
92- 171	D-05711-01	1072-437- 1- 8	ADDED TUBE STEEL 6X4X3/8 KICKER TO EXISTING SUPPORT	
92- 172	D-05711-01	1074-74-1RHR-V157	INSTALLED WELDLESS EYE NUT, 3/4 ROD, 2 3/4 NUTS, AND RESET SPRING CAN SETTING.	
92- 173	D-04665-02	1063-63-1SIS-R 48	ADDED PLATE, WELD ATTACHMENT AND STRUT. DELETED ROD AND ADDED CLAMP	
92- 174	D-04665-02	1063-63-1SIS-R 43	ADDED PLATE, WELD ATTACHMENT AND STRUT. AND DELETED ROD	
92- 176	D-04642-03	1063-1-63-344	MODIFIED SUPPORT BY REPLACING HARDWARE WITH PLATE AND FRICTION ANCHOR	
92- 177	D-04642-03	1063-1-63-598	REPLACED SNUBBER AND CLAMP	
92- 180	D-04634-02	1063-1-63-407	ADDED SHIM PLATE TO CORRECT GAPS.	
92- 181	D-04634-02	1063-1-63-404	ADDED TUBE STEEL KICKER TO EMBED.	
92- 182	D-16473-01	1059-492- 1- 19	ADDED A WASHER	
92- 183	D-16473-01	1059-492- 1- 23	ADDED A WASHER	
92-X004	K-P04729A-1	1062-406- 2- 47	INSTALL NEW SUPPORT	

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NIS-2 TRACKING NUMBER	WORK IMPLEMENTING DOCUMENT NUMBER	AFFECTED COMPONENT	DESCRIPTION OF REPAIR/REPLACEMENT	COMMENTS
94- 406	A-647967	1-PDO - 2 - 17	Repaired porosity in reactor coolant pump supports.	
94- 407	A-615904	1001-401- 1- 11	Replaced 2X2X1/4 tube steel by welding shortened during hanger removal for inspection (gamma plug).	
94- 408	A-567864	1003-1-03A-323	Installed replacement nuts, u-bolt and spacer because original was misplaced.	
94- 412	A-477173	1062-62-1CVC-R 91	Replacement of damaged strut paddle.	
96- 4	W10297-1	1-SGEN- 68 -SG1	Repair threads in manway bolt holes.	Also affects 1-SGEN-68-SG2, -SG3, and -SG4.
96- 5	A-633014	1041-496- 1- 1A-15	Replaced threaded rod in component support.	
96- 6	A-613910	1074-74-1RHR-R 83	Replaced damaaged bushing in snummber paddle.	
96- 7	A-478272	1003-1- 3A-585	Replaced snubber.	
96- 8	A-598800	1062-1-62A- 35	Corrected weld deficiencies identified by CAQR WBP870875.	
96- 9	K-P06108A-2	1070-1-70- 19	Modify pipe support.	

APPENDIX D
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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 2-6-90
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee
   Sheet[a] 1 of 1
   Unit 1
   Report Tracking No. 89-2
3. Work Performed by: TVA — Type Code Symbol Stamp[b] NPT
   Company
   WATTS BAR NUCLEAR PLANT — Authorization No.[b] N 1481-1
   Address
   SPRING CITY TEN. — Expiration Date[b] JAN 6 1991
   City and State
4. Identification of System ERCW
5(A). Applicable Construction Code ASME SECTION III 1971
   Edition SUMMER 73 Addenda
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W81
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   SEE ATTACHED WORK PLAN SPECIFICATION WP2900
6(B). Name of Manufacturer KERotest
   Address of Manufacturer (if known) PITTSBURG PA
6(C). Manufacturer's Serial Number SEE ATTACHED N-2
6(D). National Board Number (if applicable) N/A
6(E). Other Identification (subassembly number, heat number, etc.)
   SEE ATTACHED
6(F). Year Built SEPT 1983
6(G). Repaired ☐ Replaced ☑[c] Replacement ☐[d]
6(H). ASME Code Stamped Yes ☑ No ☐
7. Brief description of repair or replacement work performed. ASY
   REPLACED HARD SEAT DISC WITH SOFT SEAT DISC. DELETED SEAL WELD PER FCR ES107
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☑
   Pressure _____ psi Test Temperature _____ °F
9. Remarks: AN ILRT PER PRE-OP TEST TVA-2C WILL BE PERFORMED IS NOT COVERED BY THIS SUMMARY
   SURFACE EXAM WAS DONE PER M5265-1

(✓) Applicable manufacturer's data report[e] to be attached.

Responsible Engr [signature] CAP/N5 Date 2-6-90
Organization

ANII [signature] Date 2-6-90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).

APPENDIX C
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ASME SECTION XI SUMMARY REPORT

Tennessee Valley Authority
Office of Nuclear Power, 1750 CST2-C
Watts Bar Nuclear Plant, Unit 1
P. O. Box 800
Spring City, Tennessee 37381

Comm. Service Date NA
System 87
TVA Class A
Work Instr. No. MRA4C4602
N-5 No. TVA-1-87-1-1
Report Trans. 87-4

Furnish the following for the Repair or Replacement for the "As-Left" condition of the component (After field work is complete). Mark All Blanks (Indicate N/A for items which do NOT apply).

A. National Board Number of Repaired or Replaced Component: N/A

B. Name of the Components AND Description (include size, capacity, material, and location)--these requirements may be satisfied by attaching an applicable drawing: SUBASSEMBLY 87-UHI-55 8" SCH. 160 STAINLESS STEEL SEE ATTACHED SKETCH FOR LOCATION. WBN-E-2979 IC-40.

C. Name of Manufacturer: DRAVO

D. Address of Manufacturer (if known): MARIETTA, OHIO

E. Manufacturer's Component Identification Numbers (i.e., serial number, subassembly number, heat number, etc.). If more than one component is replaced, Attach weld map and identify items by item number:
SN 12526

F. Brief Description of Repair or Replacement Work Performed, including Conditions Observed and Corrective Measures Taken, as applicable (Reference DCR, CAQR, etc. Drawing may be Attached with affected area circled.) REPAIRED LINEAR MARKS ADJACENT TO WELD 15, BLENDED BY GRINDING.

G. Brief Description of Post Repair OR Replacement Tests AND Examinations (if required) by Instruction or Procedure Number: MIN. WALL VERIFIED BY COG. ENG. ALSO N-PT-1 RS PERFORMED.

H. ANI/ANII Name, Employer, AND Business Address: HUGO BOENDER 7-7-8
HARTFORD STEAM BOILER INSPECTION AND INSURANCE CO.,
1117 PERIMETER CENTER WEST, SUITE 301, ATLANTA, GA 30338

I. Date Work Completed: 6/5/84

Cathy M Phillips 14/21/89
Responsible Engineer Date

ICF # 84-140
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WBN
AI-[illegible]
Page [illegible]
Revision [illegible]

APPENDIX [illegible]
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ASME SECTION XI SUMMARY REPORT

Tennessee Valley Authority
Office of Nuclear Power, 1750 CST2-C
Watts Bar Nuclear Plant, Unit 1
P. O. Box 800
Spring City, Tennessee 37381

Comm. Service Date [illegible]
System 72
TVA Class B
Work Instr. No. [illegible]
N-5 No. TVA-1-72-2-F1
Report Tracking No. [illegible]

Furnish the following for the Repair or Replacement for the "As-Left" condition of the component (After field work is complete). Mark All Blanks (Indicate N/A for items which do NOT apply).

A. National Board Number of Repaired or Replaced Component: N/A

B. Name of the Components AND Description (include size, capacity, material, and location)—these requirements may be satisfied by attaching an applicable drawing: TVA UNID #1-RFV-072-508; Relief Valve - 3/4" x 1", 25 GPM Water

C. Name of Manufacturer: Crosby Valve & Guage Company

D. Address of Manufacturer (if known): 43 Kendrick St., Wrentham, Mass 02093

E. Manufacturer's Component Identification Numbers (i.e., serial number, subassembly number, heat number, etc.). If more than one component is replaced, Attach weld map and identify items by item number: Valve Serial Number - N56883-00-15

F. Brief Description of Repair or Replacement Work Performed, including Conditions Observed and Corrective Measures Taken, as applicable (Reference DCR, CAQR, etc. Drawing may be Attached with affected area circled.) Valve was leaking during performance of SI 4.0.5 SR
Replaced Disc - Part Number N90455
Replaced Nozzle - Part Number N90454

G. Brief Description of Post Repair OR Replacement Tests AND Examinations (if required) by Instruction or Procedure Number: PER SI 4.0.5 SR

H. ANI/ANII Name, Employer, AND Business Address: Hugo Boender
Hartford Steam Boiler Inspection and Insurance Co.
1117 Perimeter Center West, Suite 301, Atlanta, GA 30338

R
PONE
4/8/86
ANII

I. Date Work Completed: 4-10-86

Walter Reed
Responsible Engineer

7-10-89
Date

William A. Nevin

ICF # 89-190
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2390206

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AI-9.15
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ASME SECTION XI SUMMARY REPORT

Tennessee Valley Authority
Office of Nuclear Power, 1750 CST2-C
Watts Bar Nuclear Plant, Unit 1
P. O. Box 800
Spring City, Tennessee 37381

Comm. Service Date NA
System 63
TVA Class B
Work Instr. No. MRA 539132
N-5 No. TVA-1-63-1/2/3-P3 R1
Report Tracking No. 89-9 R

Furnish the following for the Repair or Replacement for the "As-Left" condition of the component (After field work is complete). Mark All Blanks (Indicate N/A for items which do NOT apply).

A. National Board Number of Repaired or Replaced Component: NA

B. Name of the Components AND Description (include size, capacity, material, and location)—these requirements may be satisfied by attaching an applicable drawing: TVA UNID = 1-RFV-063-577 S Relief Valve ; Capicity = 20 GPM Water

C. Name of Manufacturer: Crosby Valve & Gage Company

D. Address of Manufacturer (if known): 43 Kendrick Street, Wrentham, Mass 02093

E. Manufacturer's Component Identification Numbers (i.e., serial number, subassembly number, heat number, etc.). If more than one component is replaced, Attach weld map and identify items by item number: Valve Serial # = N56880-00-001

F. Brief Description of Repair or Replacement Work Performed, including Conditions Observed and Corrective Measures Taken, as applicable (Reference DCR, CAQR, etc. Drawing may be Attached with affected area circled.) Valve was leaking through Replaced Disc. - Crosby Valve & Gage Company part # N90471; SN N90471-45-0112

G. Brief Description of Post Repair OR Replacement Tests AND Examinations (if required) by Instruction or Procedure Number: Per SI-40.5 S.R

H. ANI/ANII Name, Employer, AND Business Address: Hugo Boender Hartford Steam Boiler Inspection and Insurance Co. 1117 Perimeter Center West, Suite 301, Atlanta, GA 30338

R
PME
4/8/96
ANII

I. Date Work Completed: 8-4-85

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Responsible Engineer William R. Nevin

Date 12-10-89

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ASME SECTION XI SUMMARY REPORT

Tennessee Valley Authority
Office of Nuclear Power, 1750 CST2-C
Watts Bar Nuclear Plant, Unit 1
P. O. Box 800
Spring City, Tennessee 37381

Comm. Service Date N/A
System 63
TVA Class B
Work Instr. No. MRA488830
N-5 No. TVA-1-63-1/2/3-PSRI
Report Tracking No. 89-11 KS 7-26-89

Furnish the following for the Repair or Replacement for the "As-Left" condition of the component (After field work is complete). Mark All Blanks (Indicate N/A for items which do NOT apply).

A. National Board Number of Repaired or Replaced Component: N/A

B. Name of the Components AND Description (include size, capacity, material, and location)--these requirements may be satisfied by attaching an applicable drawing: TVA UNID = 1-RFV-63-602
Relief Valve - 1"x2"; 1536 CFM Air

C. Name of Manufacturer: Crosby Valve & Gage Company

D. Address of Manufacturer (if known): 43 Kendrick St. Wrenthom Mass 02093

E. Manufacturer's Component Identification Numbers (i.e., serial number, subassembly number, heat number, etc.). If more than one component is replaced, Attach weld map and identify items by item number:
Value Serial Number - N56887-00-0010

F. Brief Description of Repair or Replacement Work Performed, including Conditions Observed and Corrective Measures Taken, as applicable (Reference DCR, CAQR, etc. Drawing may be Attached with affected area circled.) Valve was leaking during performance of SI 4.0.5 SR.
Replaced Disc = Part Number K56315

G. Brief Description of Post Repair OR Replacement Tests AND Examinations (if required) by Instruction or Procedure Number:
Post Maintenance Test to be performed on MR 591795

H. ANI/ANII, Name, Employer, AND Business Address: Hugo Boender
Hartford Steam Boiler Inspection and Insurance Company.
1117 Perimeter Center West, Suite 301, Atlanta, GA 30338
R BNÉ 4/8/96 ANII

I. Date Work Completed: 3-5-87

D. Sanders — 7-10-89
Responsible Engineer — Date
William B. Lewis

ICF # 89-190
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ASME SECTION XI SUMMARY REPORT

Tennessee Valley Authority
Office of Nuclear Power, 1750 CST2-C
Watts Bar Nuclear Plant, Unit 1
P. O. Box 800
Spring City, Tennessee 37381

Comm. Service Date NA
System 63
TVA Class A
Work Instr. No. MA AHE4113
N-5 No. TVA-1-63-11213-F3 A1
Report Tracking No. 84-13 AH

Furnish the following for the Repair or Replacement for the "As-Left" condition of the component (After field work is complete). Mark All Blanks (Indicate N/A for items which do NOT apply).

A. National Board Number of Repaired or Replaced Component: NA

B. Name of the Components AND Description (include size, capacity, material, and location)—these requirements may be satisfied by attaching an applicable drawing: Replaced 4 studs at 1-FE-63-29

C. Name of Manufacturer: Ransen Manufacturing Inc.

D. Address of Manufacturer (if known): 1491 East 363RD. ST., Eastlake, Ohio 44094

E. Manufacturer's Component Identification Numbers (i.e., serial number, subassembly number, heat number, etc.). If more than one component is replaced, Attach weld map and identify items by item number:
Heat Number F51

F. Brief Description of Repair or Replacement Work Performed, including Conditions Observed and Corrective Measures Taken, as applicable (Reference DCR, CAQR, etc. Drawing may be Attached with affected area circled.) Flanged joint has improper thread engagement, per NCR # 336. Replaced 4 studs.

G. Brief Description of Post Repair OR Replacement Tests AND Examinations (if required) by Instruction or Procedure Number: NA

H. ANI/ANII Name, Employer, AND Business Address: Hugo Boender
Hartford Steam Boiler Inspection and Insurance Company
1117 Perimeter Center West, Suite 301 Atlanta, GA 30338

R Pond 4/8/96 ANII

I. Date Work Completed: 11-26-84

R. Britton 12-25-84
Responsible Engineer Date

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ASME SECTION XI SUMMARY REPORT

Tennessee Valley Authority
Office of Nuclear Power, 1750 CST2-C
Watts Bar Nuclear Plant, Unit 1
P. O. Box 800
Spring City, Tennessee 37381

Comm. Service Date NA
System 63
TVA Class A
Work Instr. No. MPA4841
N-5 No. TVA-1-63-1/2/3-P
Report Tracking No. 89-14

Furnish the following for the Repair or Replacement for the "As-Left" condition of the component (After field work is complete). Mark All Blanks (Indicate N/A for items which do NOT apply).

A. National Board Number of Repaired or Replaced Component: NA

B. Name of the Components AND Description (include size, capacity, material, and location)—these requirements may be satisfied by attaching an applicable drawing: Replaced 4 studs at 1-FE-63-31

C. Name of Manufacturer: Ronson Manufacturing Inc.

D. Address of Manufacturer (if known): 1491 East 363RD St, Eastlake, Ohio 4

E. Manufacturer's Component Identification Numbers (i.e., serial number, subassembly number, heat number, etc.). If more than one component is replaced, Attach weld map and identify items by item number: Heat # F51

F. Brief Description of Repair or Replacement Work Performed, including Conditions Observed and Corrective Measures Taken, as applicable (Reference DCR, CAQR, etc. Drawing may be Attached with affected area circled.) Flanged joint has improper thread engagement per NOI # ~~358~~ 336. Replaced 4 studs.

G. Brief Description of Post Repair OR Replacement Tests AND Examinations (if required) by Instruction or Procedure Number: NA

H. ANI/ANII Name, Employer, AND Business Address: Hugo Boender Hartford Steam Boiler Inspection and Insurance Company 1117 Perimeter Center West, Suite 301 Atlanta, GA 30338

R
4/8/96
ANII

I. Date Work Completed: 11-26-84

R. Britton
Responsible Engineer

7-25-89
Date

ICF # 89-190
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Revision 9

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ASME SECTION XI SUMMARY REPORT

Tennessee Valley Authority
Office of Nuclear Power, 1750 CST2-C
Watts Bar Nuclear Plant, Unit 1
P. O. Box 800
Spring City, Tennessee 37381

Comm. Service Date NA
System 63
TVA Class A
Work Instr. No. MRA484115
N-5 No. TVA-1-63-V2/3-P3 R1
Report Tracking No. 84-15

Furnish the following for the Repair or Replacement for the "As-Left" condition of the component (After field work is complete). Mark All Blanks (Indicate N/A for items which do NOT apply).

A. National Board Number of Repaired or Replaced Component: NA

B. Name of the Components AND Description (include size, capacity, material, and location)—these requirements may be satisfied by attaching an applicable drawing: Replaced 3 studs at 1-FE-63-27

C. Name of Manufacturer: Ronson Manufacturing Inc.

D. Address of Manufacturer (if known): 1491 East 363RD St, Eastlake, Ohio 440

E. Manufacturer's Component Identification Numbers (i.e., serial number, subassembly number, heat number, etc.). If more than one component is replaced, Attach weld map and identify items by item number: HT # F51

F. Brief Description of Repair or Replacement Work Performed, including Conditions Observed and Corrective Measures Taken, as applicable (Reference DCR, CAQR, etc. Drawing may be Attached with affected area circled.) Flanged joint had improper thread engagement per NOI Number 339. Replaced 3 studs.

G. Brief Description of Post Repair OR Replacement Tests AND Examinations (if required) by Instruction or Procedure Number: NA

H. ANI/ANII Name, Employer, AND Business Address: Hugo Boender
Hartford Steam Boiler Inspection and Insurance Company
1117 Perimeter Center West, Suite 301 Atlanta, GA 30338

R
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4/8/96
ANII

I. Date Work Completed: 11-26-84

R. Britton
Responsible Engineer

12-25-89
Date

ASME SECTON XI SUMMARY REPORT

TRACKING # 89-18
Watts Bar Nuclear Plant
System SAFETY INJECTION #63
TVA Class B
Work Instr. No. W.P 4352
N-5 No. X-63-P5 435
X WAN 7/11/89

Furnish the following for the repair or replacement for the "As Left" condition of the component (after field work is complete). Mark all blanks (indicate N/A for items which do not apply).

A. National Board Number of repaired or replaced component N/A

B. Name of the components and description (include size, capacity, material, and location)--these requirements may be satisfied by attaching an applicable drawing REPLACING HARD SEATED DISC WITH SOFT SEATED DISC ON KEROTEST 1500 lb y TYPE 2" GLOBE VALVES

C. Name of manufacturer KEROTEST MFG. CORP.

D. Address of manufacturer (if known) PITTSBURGH PA.

E. Manufacturer's component identification numbers (i.e., serial number, subassembly number, heat number, etc.). If more than one component is replaced, attach weld map and identify items by item number. KEROTEST P/N 995HX08-55(1) FOR REPLACEMENT DISC. VALVE S/N AND DISC S/N LISTED IN ATT C OF W.P 4352

F. Brief description of repair or replacement work performed, including conditions observed and corrective measures taken, as applicable (Reference DCR, CAR, etc. Drawing may be attached with affected area circled.) DCR. 447, ECN 4061, W.P 4352

G. Brief description of post repair or replacement tests and examinations (if required) by instruction or procedure number MAINTENANCE INSTRUCTION M.I-0.17

H. ANII/ANI/ANII name, employer, and business address B Emmyth 12/18/85 ANII Ext 8818

I. Date work completed 7/1/86

Cognizant Engineer Earl G Parks 7/1/86 Date

WORK PLAN 4352

TVA-62-2-P6 R1
TVA-1-62-1/2/3-P9 R1

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ASME SECTION XI SUMMARY REPORT

Tennessee Valley Authority
Office of Nuclear Power, 1750 CST2-C
Watts Bar Nuclear Plant, Unit 1
P. O. Box 800
Spring City, Tennessee 37381

Comm. Service Date N/A RJ, 9-15-8
System 62
TVA Class B
Work Instr. No. NRO675B, N6524
N-5 No. X62-P9 & X62-P6
Report Tracking No. 89-22 RJ 9-15-

Furnish the following for the Repair or Replacement for the "As-Left" condition of the component (After field work is complete). Mark All Blanks (Indicate N/A for items which do NOT apply).

A. National Board Number of Repaired or Replaced Component: N/A R.J.

B. Name of the Components AND Description (include size, capacity, material, and location)--these requirements may be satisfied by attaching an applicable drawing: CHEMICAL VOLUME CONTROL SYSTEM (62) REMOVE & REINSPECT UNACCEPTABLE SURFACE DEFECTS ON MECHANICAL PIPE BENDS

C. Name of Manufacturer: N/A R.J. 9-15-89

D. Address of Manufacturer (if known): N/A 9-15-89

E. Manufacturer's Component Identification Numbers (i.e., serial number, subassembly number, heat number, etc.). If more than one component is replaced, Attach weld map and identify items by item number: SEE PAGES 72, 79 & 93

F. Brief Description of Repair or Replacement Work Performed, including Conditions Observed and Corrective Measures Taken, as applicable (Reference DCR, CAQR, etc. Drawing may be Attached with affected area circled.) THE SURFACE DEFECTS WERE FOUND DURING THE PT INSPECTIONS IN WALKDOWN WORKPLAN N6524-1 ASME SEC. III NCR 6524 RO, WBP 880023 1971 SUMMER OF S73 ADDENDUM) R.J. 9-20-89

G. Brief Description of Post Repair OR Replacement Tests AND Examinations (if required) by Instruction or Procedure Number: SEE WORKPLANS PAGES 72, 79 & 93

H. ANI/ANII Name, Employer, AND Business Address: HUGO BOENDER, THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE CO. 1117 PERIMETER CTR. WEST, SUITE E301, ATLANTA, GA. 30338

I. Date Work Completed: 7-21-88

WORKPLAN NRO675B N6524-X3 Richard French, 9-15-89
Responsible Engineer Date

R BNE 9/20/89 ANII.

Page 11 R.J. 9-15-89

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ASME SECTION XI SUMMARY REPORT

Tennessee Valley Authority
Office of Nuclear Power, 1750 CST2-C
Watts Bar Nuclear Plant, Unit 1
P. O. Box 800
Spring City, Tennessee 37381

Comm. Service Date N/A EB 9-28-89
System (063) SAFETY INJECTION
TVA Class B
Work Instr. No. WP#E-6164-1
N-5 No. N/A EB 9-28-89
Report Tracking No. 89-84 1888

Furnish the following for the Repair or Replacement for the "As-Left" condition of the component (After field work is complete). Mark All Blanks (Indicate N/A for items which do NOT apply).

A. National Board Number of Repaired or Replaced Component: N/A EB 9-28-89

B. Name of the Components AND Description (include size, capacity, material, and location)—these requirements may be satisfied by attaching an applicable drawing: PIPE HANGER # 1063-1-63-496 FOR A 10"ϕ PIPE AT EL. 722'-2 1/16", AZ-218°, R: 52'-3 5/8. DESCRIPTION OF SUPP.: (4) GROUTED ANCHORS, BASEPLATE, STRUT & CLAMP.

C. Name of Manufacturer: TVA & BERGEN-PATERSON PIPE SUPPORT CORP.

D. Address of Manufacturer (if known): SPRING CITY TN & WOBURN MASSACHUSETTS.

E. Manufacturer's Component Identification Numbers (i.e., serial number, subassembly number, heat number, etc.). If more than one component is replaced, Attach weld map and identify items by item number: BP-2200-50 STRUT, BASEPLATE & ANCHORS REPLACED (BP-2600-50 10" PIPE CLAMP IS EXISTING)

F. Brief Description of Repair or Replacement Work Performed, including Conditions Observed and Corrective Measures Taken, as applicable (Reference DCR, CAQR, etc. Drawing may be Attached with affected area circled.) REPLACED ANCHORS, BASEPLATE & STRUT. (REF. CAQR # WBPB700059 R3)

G. Brief Description of Post Repair OR Replacement Tests AND Examinations (if required) by Instruction or Procedure Number: MAT-1 (CPI-8.1.8-G-101), MAT 16 (CPI-8.1.8-H-100) & AI 9.4.2

H. ANI/ANII Name, Employer, AND Business Address: THE HARTFORD STEAM BOILER INSPECTION & INSURANCE CO. HUGO BOENDER (INSPECTOR) 1117 PERIMETER CENTER WEST, SUITE E301 ATLANTA GA. 30338. Bruce M. Eamigh Bmé 10/12/89

I. Date Work Completed: 3-28-88

R Bmé 10/12/89

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E. L. Brannon / 9-28-89
Responsible Engineer Date

WP E6164-1
PAGE X-24 OF X-26

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ASME SECTION XI SUMMARY REPORT

Tennessee Valley Authority
Office of Nuclear Power, 1750 CST2-C
Watts Bar Nuclear Plant, Unit 1
P. O. Box 800
Spring City, Tennessee 37381

Comm. Service Date NA
System 62
TVA Class B
Work Instr. No. MRA573345
N-5 No. TVA-1-62-2-P8
Report Tracking No. 84-26 [illegible]

Furnish the following for the Repair or Replacement for the "As-Left" condition of the component (After field work is complete). Mark All Blanks (Indicate N/A for items which do NOT apply).

A. National Board Number of Repaired or Replaced Component: NA

B. Name of the Components AND Description (include size, capacity, material, and location)—these requirements may be satisfied by attaching an applicable drawing: TVA SUBASSEMBLY 1-62-S-8-42 2" SCH 160 S/S SUBASSEMBLY

C. Name of Manufacturer: TVA

D. Address of Manufacturer (if known): WBNP, SPRING CITY, TN

E. Manufacturer's Component Identification Numbers (i.e., serial number, subassembly number, heat number, etc.). If more than one component is replaced, Attach weld map and identify items by item number: 1-62-S-8-42

F. Brief Description of Repair or Replacement Work Performed, including Conditions Observed and Corrective Measures Taken, as applicable (Reference DCR, CAQR, etc. Drawing may be Attached with affected area circled.) WELD 1-062A-T107-08-02 WAS GROUND SMOOTH WITH A FLAPPER WHEEL ABRASIVE PER MRA573345 TO CORRECT A POSSIBLE UNACCEPTABLE INDICATION IDENTIFIED BY EG&G ON WDR WTG A-26.

G. Brief Description of Post Repair OR Replacement Tests AND Examinations (if required) by Instruction or Procedure Number: N-VT-3, R5 AND N-PT-1 R6

H. ANI/ANII Name, Employer, AND Business Address: HUGO BOENDER HARTFORD STEAM BOILER INSPECTION AND INSURANCE CO. 1117 PERIMETER CENTER WEST, SUITE 301, ATLANTA, GA 30338

I. Date Work Completed: 10/9/86

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ICF # 89-140
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ASME SECTION XI SUMMARY REPORT

Tennessee Valley Authority
Office of Nuclear Power, 1750 CST2-C
Watts Bar Nuclear Plant, Unit 1
P. O. Box 800
Spring City, Tennessee 37381

Comm. Service Date NA
System 62
TVA Class A & B
Work Instr. No. WP 3727
N-5 No. TVA-1-62-1-P1 & TVA-1-62-2-P6 R
Report Tracking No. 84-27 87, 10-18-8

Furnish the following for the Repair or Replacement for the "As-Left" condition of the component (After field work is complete). Mark All Blanks (Indicate N/A for items which do NOT apply).

A. National Board Number of Repaired or Replaced Component: NA

B. Name of the Components AND Description (include size, capacity, material, and location)--these requirements may be satisfied by attaching an applicable drawing: TVA SUBASSEMBLIES 1-62-5-17-1 (3/4" SCH 160 S/S SUBASSEMBLY) AND 1-62-5-17-6 (1½" SCH 160 S/S SUBASSEMBLY).

C. Name of Manufacturer: TVA

D. Address of Manufacturer (if known): WBNP, SPRING CITY, TN

E. Manufacturer's Component Identification Numbers (i.e., serial number, subassembly number, heat number, etc.). If more than one component is replaced, Attach weld map and identify items by item number:
1-62-5-17-1 & 1-62-5-17-6

F. Brief Description of Repair or Replacement Work Performed, including Conditions Observed and Corrective Measures Taken, as applicable (Reference DCR, CAQR, etc. Drawing may be Attached with affected area circled.) INSTALLED 1 NEW NUT (HT # DU72) ON SK 406-8 SH 2. FBOS 1-062-FB-S-
INSTALLED 1 NEW NUT (HT # BW88) ON SK 406-8 SH 5. FBOS 1-62-S-17-89. C17

G. Brief Description of Post Repair OR Replacement Tests AND Examinations (if required) by Instruction or Procedure Number: WBNP-QCP-1.42-1 R5

H. ANI/ANII Name, Employer, AND Business Address: HUGO BOENDER
HARTFORD STEAM BOILER INSPECTION AND INSURANCE CO.
1117 PERIMETER CENTER WEST, SUITE 301, ATLANTA, GA 30338
R BOENDER 5/13/76 ANII

I. Date Work Completed: 4/2/84

PAGE 52 OF 564 (Cathy Phillips) 10/17/89
Responsible Engr.

ICF # 89-140
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ASME SECTION XI SUMMARY REPORT

Tennessee Valley Authority
Office of Nuclear Power, 1750 CST2-C
Watts Bar Nuclear Plant, Unit 1
P. O. Box 800
Spring City, Tennessee 37381

Comm. Service Date NA
System 61
TVA Class B
Work Instr. No. MRA 076382
N-5 No. TVA-1-61-1-F1
Report Tracking No. 89-32

Furnish the following for the Repair or Replacement for the "As-Left" condition of the component (After field work is complete). Mark All Blanks (Indicate N/A for items which do NOT apply).

A. National Board Number of Repaired or Replaced Component: NA

B. Name of the Components AND Description (include size, capacity, material, and location)--these requirements may be satisfied by attaching an applicable drawing: 1-61-FCV-191 4" SS DIAPHRAGM VALVE

C. Name of Manufacturer: ITT GRINNELL

D. Address of Manufacturer (if known): WRIGHTSVILLE, PA

E. Manufacturer's Component Identification Numbers (i.e., serial number, subassembly number, heat number, etc.). If more than one component is replaced, Attach weld map and identify items by item number: SN 74-2764-1-4

F. Brief Description of Repair or Replacement Work Performed, including Conditions Observed and Corrective Measures Taken, as applicable (Reference DCR, CAQR, etc. Drawing may be Attached with affected area circled.) REPLACED ½" STUD (HT # V460A) AND NUT SA193 B6 ON VALVE.

G. Brief Description of Post Repair OR Replacement Tests AND Examinations (if required) by Instruction or Procedure Number: MI 0.10

H. ANI/ANII Name, Employer, AND Business Address: HUGO BOLNDER
HARTFORD STEAM BOILER INSPECTION AND INSURANCE CO.
1117 PERIMETER CENTER WEST, SUITE 301, ATLANTA, GA 30338

B. Bolnder 5/5/89 ANII

I. Date Work Completed: 4/13/83

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Cathy Phillips 10/19/89
Responsible Engineer

ICF # 89-145
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ASME SECTION XI SUMMARY REPORT

Tennessee Valley Authority
Office of Nuclear Power, 1750 CST2-C
Watts Bar Nuclear Plant, Unit 1
P. O. Box 800
Spring City, Tennessee 37381

Comm. Service Date NA
System 43
TVA Class B
Work Instr. No. WPN6276-1
N-5 No. TVA-1-43-2-P1
Report Tracking No. 89-39

Furnish the following for the Repair or Replacement for the "As-Left" condition of the component (After field work is complete). Mark All Blanks (Indicate N/A for items which do NOT apply).

A. National Board Number of Repaired or Replaced Component: NA

B. Name of the Components AND Description (include size, capacity, material, and location)—these requirements may be satisfied by attaching an applicable drawing: TVA SUBASSEMBLY 1-043-L231A-0004 3/8" X .049 WALL TUBING STAINLESS STEEL AUX BLDG, 727', 9' WEST OF A4, 8' NORTH OF U

C. Name of Manufacturer: TVA

D. Address of Manufacturer (if known): WBNP, SPRING CITY, TN 37381

E. Manufacturer's Component Identification Numbers (i.e., serial number, subassembly number, heat number, etc.). If more than one component is replaced, Attach weld map and identify items by item number: 1-043-L231A-0004

F. Brief Description of Repair or Replacement Work Performed, including Conditions Observed and Corrective Measures Taken, as applicable (Reference DCR, CAQR, etc. Drawing may be Attached with affected area circled.) REMOVED 84 LIGHT GRINDING/POLISHING LINEAR INDICATION ON FIRST BEND AFTER 1-62-689 3/8" SAMPLE LINE SUBASSEMBLY 1-043-L231A-0004.

G. Brief Description of Post Repair OR Replacement Tests AND Examinations (if required) by Instruction or Procedure Number: QCP 4.13 FW VM R6, QCP 4.13 PTM R3, QCP 4.13 TM R1.

H. ANI/ANII Name, Employer, AND Business Address: HUGO BOENDER HARTFORD STEAM BOILER INSPECTION AND INSURANCE CO. 1117 PERIMETER CENTER WEST, SUITE 301, ATLANTA, GA 30338

R Boender 4/8/96 ANII

I. Date Work Completed: 12/31/85

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Cathy Phillips 10/30/89
Responsible Engineer

ICF # 89-190
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WORKPLAN C-WBP880732-1
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ASME SECTION XI SUMMARY REPORT

Tennessee Valley Authority
Office of Nuclear Power, 1750 CST2-C
Watts Bar Nuclear Plant, Unit 1
P. O. Box 800
Spring City, Tennessee 37381

Comm. Service Date NA DW 11/2/89
System 62 CVC
TVA Class B
Work Instr. No. C-WBP880732-1
N-5 No. NA DW 11/2/89
Report Tracking No. 89-40

Furnish the following for the Repair or Replacement for the "As-Left" condition of the component (After field work is complete). Mark All Blanks (Indicate N/A for items which do NOT apply).

A. National Board Number of Repaired or Replaced Component: 2520

B. Name of the Components AND Description (include size, capacity, material, and location)--these requirements may be satisfied by attaching an applicable drawing: Let Down Heat Exchanger support bolting. Four(4) 1-3/4" Studs A 193 Gr B7 with 2 Nuts A 194 Gr ~~2H~~ 7 BWE 737' A-5 and U-Line.

C. Name of Manufacturer: Atlas Industrial Mfg Co.

D. Address of Manufacturer (if known): Clifton N.J.

E. Manufacturer's Component Identification Numbers (i.e., serial number, subassembly number, heat number, etc.). If more than one component is replaced, Attach weld map and identify items by item number: SN 3142

F. Brief Description of Repair or Replacement Work Performed, including Conditions Observed and Corrective Measures Taken, as applicable (Reference DCR, CAQR, etc. Drawing may be Attached with affected area circled.) Replaced Bolts with Studs per CAQR WBP880732

G. Brief Description of Post Repair OR Replacement Tests AND Examinations (if required) by Instruction or Procedure Number: Inspection of Bolted Connections, WBN-CPI-8.1.8-C-501A Data Sheet 1

H. ANI/ANII Name, Employer, AND Business Address: H. BOENDER DB 11/15/89
The Hartford Steam Boiler Inspection and Insurance Co. 1117 Perimeter Center West, Suite E301 Atlanta, Ga 30338

I. Date Work Completed: 10-6-89

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Brian Williams 11/2/89

APPENDIX C
Page 1 of 1

ASME SECTION XI SUMMARY REPORT

Tennessee Valley Authority
Office of Nuclear Power, 1750 CST2-C
Watts Bar Nuclear Plant, Unit 1
P. O. Box 800
Spring City, Tennessee 37381

Comm. Service Date NA
System 63
TVA Class B
Work Instr. No. C-WBP880190-1
N-5 No. TVA-1-63-2-P4
REPORT TRACKING NO. 89-42 11-13-89

Furnish the following for the Repair or Replacement for the "As-Left" condition of the component (After field work is complete). Mark All Blanks (Indicate N/A for items which do NOT apply).

A. National Board Number of Repaired or Replaced Component: 1034

B. Name of the Components AND Description (include size, capacity, material, and location)--these requirements may be satisfied by attaching an applicable drawing: UNIT 1 REFUELING WATER STORAGE TANK.

C. Name of Manufacturer: PITTSBURGH-DES MOINES STEEL COMPANY

D. Address of Manufacturer (if known): PITTSBURGH, PENNSYLVANIA

E. Manufacturer's Component Identification Numbers (i.e., serial number, subassembly number, heat number, etc.). If more than one component is replaced, Attach weld map and identify items by item number:
S.N. - 56039

F. Brief Description of Repair or Replacement Work Performed, including Conditions Observed and Corrective Measures Taken, as applicable (Reference DCR, CAQR, etc. Drawing may be Attached with affected area circled.) REPAIRED WELDS PER CAQR WBP880190.

G. Brief Description of Post Repair OR Replacement Tests AND Examinations (if required) by Instruction or Procedure Number: NDE INSPECTIONS: N-VT-3, N-PT-9, RT-10. PRESSURE TEST TO BE PERFORMED IN ACCORDANCE WITH WORKPLAN M5709-4.

H. ANI/ANII Name, Employer, AND Business Address: ~~HUGO BOENDER~~ BRUCE M. EAMIGH ANE 1/10/90
HARTFORD STEAM BOILER INSPECTION AND INSURANCE CO.,
1117 PERIMETER CENTER WEST, SUITE 301, ATLANTA, GA. 30338

I. Date Work Completed: 10-26-89

WORKPLAN C-WBP880190-1

L. J. Bony 11-13-89
Responsible Engineer Date

R ANE 1/10/90

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ICF # 89-140
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APPENDIX C
Page 1 of 1

ASME SECTION XI SUMMARY REPORT

Tennessee Valley Authority
Office of Nuclear Power, 1750 CST2-C
Watts Bar Nuclear Plant, Unit 1
P. O. Box 800
Spring City, Tennessee 37381

Comm. Service Date N/A
System 68
TVA Class A
Work Instr. No. MRA 226089
N-5 No. TVA-1-68-1-P1
Report Tracking No. 89-43 BBB 11-16-89

Furnish the following for the Repair or Replacement for the "As-Left" condition of the component (After field work is complete). Mark All Blanks (Indicate N/A for items which do NOT apply).

A. National Board Number of Repaired or Replaced Component: NA

B. Name of the Components AND Description (include size, capacity, material, and location)—these requirements may be satisfied by attaching an applicable drawing: REACTOR VESSEL HEAD STUD NO. 19

C. Name of Manufacturer: WESTINGHOUSE

D. Address of Manufacturer (if known): PITTSBURGH, PA 15230

E. Manufacturer's Component Identification Numbers (i.e., serial number, subassembly number, heat number, etc.). If more than one component is replaced, Attach weld map and identify items by item number: REACTOR VESSEL HEAD STUD NO. 19

F. Brief Description of Repair or Replacement Work Performed, including Conditions Observed and Corrective Measures Taken, as applicable (Reference DCR, CAQR, etc. Drawing may be Attached with affected area circled.) DAMAGED THREAD MACHINED GROUND FLUSH. LEAD-IN GROUND. PER MRA 226089

G. Brief Description of Post Repair OR Replacement Tests AND Examinations (if required) by Instruction or Procedure Number: N-MT-1 R4

H. ANI/ANII Name, Employer, AND Business Address: HUGO BOENDER
HARTFORD STEAM BOILER INSPECTION AND INSURANCE CO.
1117 PERIMETER CENTER WEST, SUITE 301, ATLANTA, GA 30338
R ASME 5/8/86 ANII

I. Date Work Completed: 6/21/84

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CATHY PHILLIPS 10/31/89
Responsible Engineer Date

ICF # 89-140
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APPENDIX C
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ASME SECTION XI SUMMARY REPORT

Tennessee Valley Authority
Office of Nuclear Power, 1750 CST2-C
Watts Bar Nuclear Plant, Unit 1
P. O. Box 800
Spring City, Tennessee 37381

Comm. Service Date N/A
System 68
TVA Class A
Work Instr. No. MRA491709
N-5 No. TVA-1-68-1-P2
Report Tracking No. 89-40 11-6-89

Furnish the following for the Repair or Replacement for the "As-Left" condition of the component (After field work is complete). Mark All Blanks (Indicate N/A for items which do NOT apply).

A. National Board Number of Repaired or Replaced Component: NA

B. Name of the Components AND Description (include size, capacity, material, and location)—these requirements may be satisfied by attaching an applicable drawing: SOUTHWEST FAB SUBASSEMBLY WAT-LOOP-2-5 10" STAINLESS STEEL, SEE ATTACHED SKETCH 3C4-1 SH 6.

C. Name of Manufacturer: SOUTHWEST FABRICATING & WELDING CO.

D. Address of Manufacturer (if known): HOUSTON, TX

E. Manufacturer's Component Identification Numbers (i.e., serial number, subassembly number, heat number, etc.). If more than one component is replaced, Attach weld map and identify items by item number:
WAT-LOOP-2-5 SN. 4623

F. Brief Description of Repair or Replacement Work Performed, including Conditions Observed and Corrective Measures Taken, as applicable (Reference DCR, CAQR, etc. Drawing may be Attached with affected area circled.) GRIND OUT LINEAR INDICATION AT WELD RCS-2-4 ON SUBASSEMBLY WAT-LOOP-2-5. PER MRA491709.

G. Brief Description of Post Repair OR Replacement Tests AND Examinations (if required) by Instruction or Procedure Number: N-PT-1 R5

H. ANI/ANII Name, Employer, AND Business Address: HUGO BOENDER
HARTFORD STEAM BOILER INSPECTION AND INSURANCE CO.
1117 PERIMETER CENTER WEST, SUITE 301, ATLANTA, GA 30338

R Amd 4/81 AM

I. Date Work Completed: 12/26/84

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Cathy Phillips 1/10/31/89
Responsible Engineer Date

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ASME SECTION XI SUMMARY REPORT

Tennessee Valley Authority
Office of Nuclear Power, 1750 CST2-C
Watts Bar Nuclear Plant, Unit 1
P.O. Box 800
Spring City, Tennessee 37381

Comm. Service Date NA BW 12/15/89
System 003
TVA Class B
Work Instr. No. C-WBP890251-1
N-5 No. TVA-1-03-2-P4
Report Tracking No. 89-47

Furnish the following for the Repair or Replacement for the "As-Left" condition of the component (After field work is complete). Mark All Blanks indicate N/A for items which do NOT apply).

National Board Number of Repaired or Replaced Component: NA BW 12/15/89

Name of the Components AND Description (include size, capacity, material, and location)—these requirements may be satisfied by attaching an applicable drawing: 2" Drain Line SA106 & Support 47A401-1-16 Fabricated from 3" Sch 80 SA106 Pipe

Name of Manufacturer: NA BW 12/15/89

Address of Manufacturer (if known): NA BW 12/15/89

Manufacturer's Component Identification Numbers (i.e., serial number, subassembly number, heat number, etc.). If more than one component is replaced, Attach weld map and identify items by item number:
2" Pipe SA106 Gr B Ht# 288832
3" Pipe SA106 Gr B Ht# 290095

Brief Description of Repair or Replacement Work Performed, including Conditions Observed and Corrective Measures Taken, as applicable (Reference DCR, CAQR, etc. Drawing may be Attached with affected area circled.) Replaced burst Pipe & Support per CAQR WBP890251

Brief Description of Post Repair OR Replacement Tests AND Examinations (if required) by Instruction or Procedure Number: ~~Above~~ BW 12/12/89
NDE Examations N-VT-3, N-PT-9, N-UT-49 per AI 9.4.2
Hydro test Performed per WP M5700-1 to be BW 12/17/89

ANI/ANII Name, Employer, AND Business Address:
The HartSord Steam Boiler Inspection and Insurance Co 1117 Perimeter Center West, Suite E301 Atlanta, GA 30338

Date Work Completed: 11/17/89

Brian Williams 12/6/89
Responsible Engineer Date

WORKPLAN C-WBP890251-1

ICF # 89-190
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ASME SECTION XI SUMMARY REPORT

Tennessee Valley Authority
Office of Nuclear Power, 1750 CST2-C
Watts Bar Nuclear Plant, Unit 1
P. O. Box 800
Spring City, Tennessee 37381

Comm. Service Date N/A HPN 11-30-89
System 062 (CVCS)
TVA Class B
Work Instr. No. WP.C-WBP890161-1
N-5 No. N/A HPN 11-30-89
Report Trucking No. 94-48

Furnish the following for the Repair or Replacement for the "As-Left" condition of the component (After field work is complete). Mark All Blanks (Indicate N/A for items which do NOT apply).

A. National Board Number of Repaired or Replaced Component: N/A HPN 11-30-89

B. Name of the Components AND Description (include size, capacity, material, and location)--these requirements may be satisfied by attaching an applicable drawing: PIPE SUPPORT 1062-62-1CVC-R31, B.P. 2003-1.5 HPN 11-30-89 END ATTACHMENT ~~REAR BRACKET~~ AND 3/8" THICK PLATE

C. Name of Manufacturer: TVA AND BERGEN PATERSON PIPE SUPPORT CORP.

D. Address of Manufacturer (if known): SPRING CITY, TN. AND WOBURN, MASS.

E. Manufacturer's Component Identification Numbers (i.e., serial number, subassembly number, heat number, etc.). If more than one component is replaced, Attach weld map and identify items by item number: B.P 2003-1.5 END ATTACHMENT AND 3/8" THICK A36 PLATE (HT.# 0174465)

F. Brief Description of Repair or Replacement Work Performed, including Conditions Observed and Corrective Measures Taken, as applicable (Reference DCR, CAQR, etc. Drawing may be Attached with affected area circled.) REMOVED BEAM ATTACHMENT (REFERENCE CAQR WBP890161) AND 3/8" BASEPLATE; REINSTALLED 3/8" BASEPLATE AND B.P. 2003-1.5 END ATTACHMENT

G. Brief Description of Post Repair OR Replacement Tests AND Examinations (if required) by Instruction or Procedure Number: AI-9.4.2, WBN-CPI-8.1.8-H-100, AND WBN-CPI-C-501A

H. ANI/ANII Name, Employer, AND Business Address: THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE CO., B. EAmigh (INSPECTOR), 1117 PERIMETER CENTER WEST, SUITE E301 ATLANTA, GA. 30338

I. Date Work Completed: 9-16-89

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WP CWBP890161-1
PAGE XI-21 OF XI-23

Joseph P. Nieman 11-30-89
Responsible Engineer Date

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Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 12-14-89
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee — Sheet[a] 1 of 1
   Unit 1
   Report Tracking No. 89-50 WP-24-90
3. Work Performed by: TVA (Company) — Type Code Symbol Stamp[b] N/A WAS 12-14-89
   P.O. Box 2000 (Address) — Authorization No.[b] N/A WAS 12-14-89
   Spring City, Tenn. (City and State) — Expiration Date[b] N/A WAS 12-14-89
4. Identification of System 063, S.I.S., ASME-Class 1
5(A). Applicable Construction Code AISC 1973
   Edition June, 1973 Addenda N/A WAS 12-14-89
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   Pipe support 1063-A435-B-38, BP 2410-.35, and 1½" thk. A-36 bar (2" ø pipe)
6(B). Name of Manufacturer TVA and Bergen Paterson Pipe support Corp.
   Address of Manufacturer (if known) Spring City, Tn. and Woburn Mass.
6(C). Manufacturer's Serial Number for snubber - 3430
6(D). National Board Number (if applicable) N/A WAS 12-14-89
6(E). Other Identification (subassembly number, heat number, etc.) HT.# 7488165 for the A-36 bar
6(F). Year Built support modified 1989
6(G). Repaired ☐ Replaced ☒[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
   Modify existing pipe support and replace defective snubber per W.P.C-WBP880173-1. PSI inspections performed included VT-3 and VT-4 of N-VT-1 per TI-50A.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐
   Pressure N/A WAS 12-14-89 psi Test Temperature N/A WAS °F 12-14-89
9. Remarks: None

(N/A) Applicable manufacturer's data report[e] to be attached.

WAS 12-14-89 Responsible Engr William A. Lamb / MEA-NC Date 12-14-89
Organization

ANII [signature] Date 11-2-91

[a] Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b] For work performed by certificate holder
[c] Replaced (like or equivalent).
[d] Replacement (modification).
[e] When required by Construction Code.

APPENDIX D
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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

(Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
(Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Date 1-6-90

Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-1 KHY

Work Performed by: TVA
Company

Type Code Symbol Stamp[b] N/A EB 1-6-90

P.O. BOX 2000
Address

Authorization No.[b] N/A EB 1-6-90

SPRING CITY, TEN.
City and State

Expiration Date[b] N/A EB 1-6-90

Identification of System 03, FEEDWATER, ASME-CLASS 2

(A). Applicable Construction Code AISC MANUAL 1973
Edition 7TH Addenda N/A EB 1-6-90

(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981

(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT # 1003A-1-03A-561, BP 2540-1.5 & 2640-1.5

(B). Name of Manufacturer TVA & BERGEN PATERSON PIPE SUPPORT CORP.
Address of Manufacturer (if known) SPRING CITY, TN. & WOBURM MASS.

(C). Manufacturer's Serial Number FOR SNUBBER = 916

(D). National Board Number (if applicable) N/A EB 1-6-90

(E). Other Identification (subassembly number, heat number, etc.) N/A EB 1-6-90

(F). Year Built VOIDED & REMOVED 1989

(G). Repaired ☐ Replaced ☐[c] Replacement ☐[d] N/A EB 1-6-90

(H). ASME Code Stamped Yes ☐ No ☑

7. Brief description of repair or replacement work performed.
PIPE SUPPORT WAS VOIDED PER DCN # P-04687-A & REMOVED IN WORK PLAN # K-P04730A-1

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A EB 1-6-90 psi Test Temperature N/A EB 1-6-90 °F

9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.
EB 1-6-90

Responsible Engr [signature] / MEA-NC Date 1-6-90
Organization

PAGE 63 OF 564 ~~ANII~~ B. Earnigh 4/8/96 ~~N/A BME 2/9/90~~ 4/8/96 Date ~~BME 2/9/90~~ N/A BME 4/8/96

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

WP KP04730A-1
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APPENDIX D
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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

Date 1-6-90

1. (Owner) TENNESSEE VALLEY AUTHORITY
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee

Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-2 KHD

3. Work Performed by: TVA (Company)
   P.O. BOX 2000 (Address)
   SPRING CITY, TEN. (City and State)

Type Code Symbol Stamp[b] N/A EB 1-6-90
Authorization No.[b] N/A EB 1-6-90
Expiration Date[b] N/A EB 1-6-90

4. Identification of System 03, FEEDWATER, ASME - CLASS 2
5(A). Applicable Construction Code AISC MANUAL 1973
Edition 7TH Addenda N/A EB 1-6-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT* 1003A-1-03A-541, BP 2540-1.5 & BP 2640-1.5
6(B). Name of Manufacturer TVA & BERGEN PATERSON PIPE SUPPORT CORP
Address of Manufacturer (if known) SPRING CITY, TN. & WOBURN MASS.
6(C). Manufacturer's Serial Number FOR SNUBBER = 970
6(D). National Board Number (if applicable) N/A EB 1-6-90
6(E). Other Identification (subassembly number, heat number, etc.) N/A EB 1-6-90
6(F). Year Built VOIDED & REMOVED 1989
6(G). Repaired ☐ Replaced ☐[c] Replacement ☐[d] N/A EB 1-6-90
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
PIPE SUPPORT WAS VOIDED PER DCN* P-046B6-A & REMOVED IN WORK PLAN * K-P04730A-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A EB 1-6-90 psi Test Temperature N/A EB 1-6-90 °F
9. Remarks: ____

(N/A) Applicable manufacturer's data report[e] to be attached.
EB 1-6-90
Responsible Engr E L Brannon / MEA-NC Date 1-6-90
Organization
ANII ~~N/A BMG 2/9/90~~ B. Eamigh 4/8/96 BMG 4/8/96 Date ~~N/A BMG 2/9/90~~

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[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Date 2/22/90

Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-39 KO

3. Work Performed by: TVA
Company
Watts Bar Nuclear Plant
Address
Spring City Tn
City and State

Type Code Symbol Stamp[b] N/A DKD 2/22/90
Authorization No.[b] N/A DKD 2/22/90
Expiration Date[b] N/A DKD 2/22/90

4. Identification of System 74 Residual Heat Removal
5(A). Applicable Construction Code ASME Sect III 19 71
Edition Through Addenda Summer 1973
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W 81
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
Weld between 12" S/S Coupling & 12" S/S Piping Aux 5:6" N of V @ AT-Panel # 1-L-12
6(B). Name of Manufacturer N/A DKD 2/22/90
Address of Manufacturer (if known) N/A DKD 2/22/90
6(C). Manufacturer's Serial Number N/A DKD 2/22/90
6(D). National Board Number (if applicable) N/A DKD 2/22/90
6(E). Other Identification (subassembly number, heat number, etc.)
TVA Weld # 1-074A-1009-1SB 12" S/W Class 2
6(F). Year Built N/A DKD 2/22/90
6(G). Repaired ☒ Replaced ☐[c] Replacement ☐[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
Overlap in weld has been removed & surface examined.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
None DKD 2/22/90 Nominal operating pressure ☐ Other ☐
Pressure _____ psi Test Temperature _____ °F
9. Remarks:
Ref: MR # A-573263

(N/A) Applicable manufacturer's data reports to be attached. N/A DKD 2/22/90
DKD 2/22/90 Responsible Engr [signature] / APPLICABLE Date 3/22/90
Organization

ANII [signature] Date 4-5-90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

APPENDIX D
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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 2/22/90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-40

3. Work Performed by: TVA
Company
Watts Bar Nuclear Plant
Address
Spring City TN
City and State
Type Code Symbol Stamp[b] N/A DLG 2/22/90
Authorization No.[b] N/A DLG 2/22/90
Expiration Date[b] N/A DLG 2/22/90

4. Identification of System Feedwater Sys 03

5(A). Applicable Construction Code ASME Sect III 19 71
Edition Through Addenda Summer 1973

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
Sys #3 ½" S/S Sch 80 Pipe to Valve 1-RTV-03B-365A
Aux Bldg A3 & U EL 733.

6(B). Name of Manufacturer N/A DLG 2/22/90
Address of Manufacturer (if known) N/A DLG 2/22/90

6(C). Manufacturer's Serial Number N/A DLG 2/22/90

6(D). National Board Number (if applicable) N/A DLG 2/22/90

6(E). Other Identification (subassembly number, heat number, etc.)
TVA Weld # 1003CT1840600 Class 2.

6(F). Year Built N/A DLG 2/22/90

6(G). Repaired ☑ Replaced ☐[c] Replacement ☐[d]

6(H). ASME Code Stamped Yes ☐ No ☑

7. Brief description of repair or replacement work performed.
Removed indication from Weld & Surface examined.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
None DLG 2/22/90 Nominal operating pressure ☐ Other ☐
Pressure _____ psi Test Temperature _____ °F

9. Remarks:
Ref MR # A-573344

(N/A) Applicable manufacturer's data report[e] to be attached. DLG 2/22/90
DLG 2/22/90 Responsible Engr [signature] / ~~M&TE~~ MET Date 2/22/90
Organization

ANII B. Earnigh Date 12/5/95

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

APPENDIX D
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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 2/23/90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ___ of ___
Unit 1
Report Tracking No. 90-42AN

3. Work Performed by: TVA
Company
Watts Bar Nuclear Plant
Address
Spring City TN
City and State
Type Code Symbol Stamp[b] N/A DRG 2/22/90
Authorization No.[b] N/A DRG 2/22/90
Expiration Date[b] N/A DRG 2/22/90

4. Identification of System Feedwater Sys 03

5(A). Applicable Construction Code ASME Sect III 19 71
Edition Through Addenda Summer 73

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W81

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
Valve # 1-FCV-3-033-A Aux Bldg EL 737

6(B). Name of Manufacturer N/A DRG 2/22/90
Address of Manufacturer (if known) N/A DRG 2/22/90

6(C). Manufacturer's Serial Number N/A DRG 2/22/90

6(D). National Board Number (if applicable) N/A DRG 2/22/90

6(E). Other Identification (subassembly number, heat number, etc.) ASME Class 2

6(F). Year Built N/A DRG 2/23/90

6(G). Repaired ☒ DRG 2/23/90 Replaced ☒[c] Replacement ☐[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
Replaced studs & nuts on valve.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
None DRG 2/22/90 Nominal operating pressure ☐ Other ☐
Pressure _____ psi Test Temperature ____ °F

9. Remarks:
Ref MR# A-529259

(N/A) Applicable manufacturer's data report[e] to be attached.
DRG 2/22/90 Responsible Engr [signature] / MET Date 2/23/90
Organization

ANII B. Earnigh Date 3/15/91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

APPENDIX D
Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 2/23/90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-52 MHV
3. Work Performed by: TVA
Company
Watts Bar Nuclear Plant
Address
Spring City TN
City and State
Type Code Symbol Stamp[b] N/A ORA 2/22/90
Authorization No.[b] N/A ORA 2/22/90
Expiration Date[b] N/A ORA 2/22/90
4. Identification of System Feedwater 2YS 03
5(A). Applicable Construction Code ASME Sect III 19 71
Edition Through Addenda Summer 73
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W81
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
16" S/S Pipe @ 90°EL @ S.G. #3 EL 726 Az 180°
6(B). Name of Manufacturer N/A ORA 2/22/90
Address of Manufacturer (if known) N/A ORA 2/22/90
6(C). Manufacturer's Serial Number N/A ORA 2/22/90
6(D). National Board Number (if applicable) N/A ORA 2/22/90
6(E). Other Identification (subassembly number, heat number, etc.)
Weld Map # SK 401-1 Sh 1-5 Class 2
6(F). Year Built N/A ORA 2/23/90
6(G). Repaired ☒ Replaced ☐[c] Replacement ☐[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
Removed unauthorized linear weld bead. Area Examined.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
None ORA 2/22/90 Nominal operating pressure ☐ Other ☐
Pressure _____ psi Test Temperature _____ °F
9. Remarks:
Ref MR # A-599092
Ref RIMS T03881003-889 Group 7
(N/A) Applicable manufacturer's data report[e] to be attached.
ORA 2/22/90 Responsible Engr [signature] I MET Date 2/23/90
Organization
ANII [signature] Date 12/7/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

(Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
(Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Date 2/28/90

Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-55 2-28-90

Work Performed by: TVA
Company
PO BOX 2000
Address
SPRING CITY, TENNESSEE
City and State

Type Code Symbol Stamp[b] N/A RLO 2/28/90
Authorization No.[b] N/A RLO 2/28/90
Expiration Date[b] N/A RLO 2/28/90

Identification of System 063 SAFTY INJECTION SYSTEM. ASME CL. 2

. Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A RLO 2/28/90
. Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W81
. Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 47A060-63-77, NPS FRICTION ANCHOR GFA-1/2" M520 TYPE 1 W/O STANCHION, 2"x2"x1/4" T.S., WELDED TO EMB. PL., 1/2"ϕ PIPE.
. Name of Manufacturer NPS INDUSTRIES, INC.
Address of Manufacturer (if known) 600 MEADOWLAND PKY., SECAUCUS, N.J. 07094
. Manufacturer's Serial Number FRICTION ANCHOR GFA-1/2" M520 TYPE 1
. National Board Number (if applicable) N/A RLO 2/28/90
. Other Identification (subassembly number, heat number, etc.)
MATERIAL TYPE FOR TUBE STEEL A500 GR. B
. Year Built SUPPORT INSTALLED 1990
. Repaired ☐ Replaced ☐[c] Replacement ☐[d]
. ASME Code Stamped Yes ☐ No ☒

Brief description of repair or replacement work performed.
INSTALLED NEW PIPE SUPPORT AS REQUIRED PER DESIGN CHANGE NOTICE # P-04714-A

Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A RLO 2/28/90 psi Test Temperature N/A RLO 2/28/90 °F

Remarks: WORKPLAN K-P04714A-1

(N/A) Applicable manufacturer's data report[e] to be attached.
02/28/90

Responsible Engr Ronnie O'Kelley / MEA/NC Date 2/28/90
Organization

ANII [signature] Date 6-5-90

[illegible]. filled in by Testing and Diagnostic Programs Branch.
work performed by certificate holder
laced (like or equivalent).
lacement (modification).
required by Construction Code.

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WP K-P04714A-1
PAGE IX-15 OF IX-22

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Date 3-9-90

Sheet[a] ___ of ___
Unit 1
Report Tracking No. 90-56

3. Work Performed by: T.V.A
Company
WATTS BAR NUCLEAR PLANT
Address
SPRING CITY TN
City and State

Type Code Symbol Stamp[b] N/A
Authorization No.[b] N/A
Expiration Date[b] N/A

4. Identification of System REACTOR COOLANT (68)
5(A). Applicable Construction Code ASME SEC III 1971
Edition THROUGH Addenda SUMMER 1973
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W81
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
2½" PIPE SCH 160, TVA CL. A, SMLS STL SA-376-TP-304, IM-106-1 LINE #3 (BETWEEN WELDS 1-068B-T002-07 & 1-068B-T002-08) CROSSOVER LEG, LOOP #2
6(B). Name of Manufacturer DRAVO CONTRACT #83015 JOB #E-2879
Address of Manufacturer (if known)
6(C). Manufacturer's Serial Number N/A
6(D). National Board Number (if applicable) N/A
6(E). Other Identification (subassembly number, heat number, etc.)
SUBASSEMBLY # 1-68-S-1-2 (ASME SEC III, CLASS 1) gm 4-27-90
6(F). Year Built N/A
6(G). Repaired ☒ Replaced ☐[c] Replacement ☐[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
PERFORMED THK. CHK. AFTER REMOVAL AREA WAS ACCEPTED
PERFORMED VT + PT
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☒ (SEE REMARKS)
Pressure ___ psi Test Temperature ___ °F
9. Remarks: REF. WP W427P-1 / NR0685B
QUIL # 1-068M5699-1 WILL PERFORM COLD HYDRO STATIC TEST. gm 4-5-90

(N/A) Applicable manufacturer's data report to be attached.

Responsible Engr [signature] MEC Date 3-9-90
Organization

ANII [signature] Date 5-7-90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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LOP

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 3-9-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-58

3. Work Performed by: TVA
Company
WATTS BAR NUCLEAR PLANT
Address
SPRING CITY, TN
City and State

Type Code Symbol Stamp[b] N/A
Authorization No.[b] N/A
Expiration Date[b] N/A

4. Identification of System REACTOR COOLANT (68)

5(A). Applicable Construction Code ASME SECT III 1971
Edition THROUGH Addenda SUMMER 1973

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W81

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
2" 90° ELL 6000# S/W-SA-182, TYPE 304 (TVA CLASS A) LOCATED ON 2" RCS DR. PIPING CROSSOVER LEG LOOP #2 (BETWEEN WELD NOS. 1-068B-T002-08 & -09)

6(B). Name of Manufacturer DRAVO CONTRACT # 83015 JOB E# 2879
Address of Manufacturer (if known)

6(C). Manufacturer's Serial Number N/A

6(D). National Board Number (if applicable) N/A

6(E). Other Identification (subassembly number, heat number, etc.)
SUBASSEMBLY # 1-68-S-1-2 (ASME SECT III CLASS 1 ~~CLASS I~~)

6(F). Year Built N/A

6(G). Repaired ☑ Replaced ☐[c] Replacement ☐[d] EJM 4-27-90

6(H). ASME Code Stamped Yes ☐ No ☑

7. Brief description of repair or replacement work performed. EJM 4-27-90
PERFORMED INITIAL VT & THICKNESS CHECK, GROUND TO REMOVE INDICATION
PERFORMED PT & THK CHK AFTER REMOVAL AREA WAS ACCEPTED.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☑ (SEE REMARKS)
Pressure ____ psi Test Temperature ____ °F

9. Remarks: REF # WPW427P-1 / NR0685B
OWIL # 1-068M5699-1 WILL PERFORM COLD HYDRO STATIC TEST EJM 4-5-90

(N/A) Applicable manufacturer's data report[e] to be attached.

Responsible Engr [signature] MEC Date 3-9-90
Organization

ANII [signature] Date 5-7-90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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WORKPLAN NR0685B
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EJM 4-27-90

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Date 4/19/90

Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-63 4-26-90

3. Work Performed by: TVA (Company)
P.O. Box 2000 (Address)
Spring City, TN (City and State)

Type Code Symbol Stamp[b] N/A Hutt 4/19/90
Authorization No.[b] N/A Hutt 4/19/90
Expiration Date[b] N/A Hutt 4/19/90

4. Identification of System 062, C.V.C.S., ASME Class 2
5(A). Applicable Construction Code AISC 1973
Edition June, 1973 Addenda N/A Hutt 4/19/90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 — W 1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
Pipe support 1062-A060-62-143, NPS Friction Anchor (GFAH-1")
6(B). Name of Manufacturer TVA and NPS Industries
Address of Manufacturer (if known) Spring City, TN and Austin, Texas
6(C). Manufacturer's Serial Number N/A Hutt 4/19/90
6(D). National Board Number (if applicable) N/A Hutt 4/19/90
6(E). Other Identification (subassembly number, heat number, etc.) 17772 NF for friction anchor
6(F). Year Built Support installed/fabricated 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
Fabricated and installed new pipe support per WP K-P04728A-1.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A Hutt 4/19/90 psi Test Temperature N/A Hutt 4/19/90 °F
9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.

Responsible Engr Gary S. Halsted I ME-A Date 4/19/90
Hutt 4/19/90
Organization

ANII B. Eamigh Date 6/5/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

APPENDIX D
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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 5-7-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
3. Work Performed by: TVA
Company
Report Tracking No. 90-66 MST 5/17/90
P.O. Box 2000
Address
Type Code Symbol Stamp[b] N/A for 5-7-90
Authorization No.[b] N/A for 5-7-90
SPRING CITY, TN.
City and State
Expiration Date[b] N/A for 5-7-90
4. Identification of System 070, CC, ASME-CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE, 1973 Addenda N/A for 5-7-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 1070-1-70-041 DELETED FROM THE SYSTEM
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A for 5-7-90
6(D). National Board Number (if applicable) N/A for 5-7-90
6(E). Other Identification (subassembly number, heat number, etc.) NO MATERIAL REQUIRED
6(F). Year Built SUPPORT MODIFIED IN 1989
6(G). Repaired ☒ Replaced ☐[c] Replacement ☐[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
EXISTING SUPPORT DELETED PER DCN P-02914 AND REMOVED BY W.P. M-P02914A-1.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A for 5-7-90 psi Test Temperature N/A for 5-7-90 °F
9. Remarks:

(N/A for 5-7-90) Applicable manufacturer's data report[e] to be attached.
Responsible Engr Joseph P. Nieman for 5-7-90 NC-MEA Date 5-7-90
Organization
ANII Bruce M Earnigh Date 5/21/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 5-7-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-67 MST 5/7/90

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN.
City and State
Type Code Symbol Stamp[b] N/A JPN 5-7-90
Authorization No.[b] N/A JPN 5-7-90
Expiration Date[b] N/A JPN 5-7-90

4. Identification of System 070, CC, ASME-CLASS 2

5(A). Applicable Construction Code AISC 1973
Edition JUNE, 1973 Addenda N/A JPN 5-7-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 1070-1-70-044 DELETED FROM THE SYSTEM

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number N/A JPN 5-7-90

6(D). National Board Number (if applicable) N/A JPN 5-7-90

6(E). Other Identification (subassembly number, heat number, etc.)
NO MATERIAL REQUIRED

6(F). Year Built SUPPORT MODIFIED IN 1989

6(G). Repaired ☒ Replaced ☐[c] Replacement ☐[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
EXISTING SUPPORT DELETED PER DCN P-02914 AND REMOVED BY W.P. K-P02914A-1.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A JPN 5-7-90 psi Test Temperature N/A JPN 5-7-90 °F

9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.
JPN 5-7-90
Responsible Engr Joseph P. Nieman / NC-MEA Date 5-7-90
Organization

ANII Bruce M Earnigh Date 5/21/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 5-7-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-68MJTS/7/

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN.
City and State
Type Code Symbol Stamp[b] N/A JPN 5-7-90
Authorization No.[b] N/A JPN 5-7-90
Expiration Date[b] N/A JPN 5-7-90

4. Identification of System 070, CC, ASME-CLASS 2

5(A). Applicable Construction Code AISC 1973
Edition JUNE, 1973 Addenda N/A JPN 5-7-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 1070-1-70-047 DELETED FROM THE SYSTEM

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number N/A JPN 5-7-90

6(D). National Board Number (if applicable) N/A JPN 5-7-90

6(E). Other Identification (subassembly number, heat number, etc.)
NO MATERIAL REQUIRED

6(F). Year Built SUPPORT MODIFIED IN 1989

6(G). Repaired ☒ Replaced ☐[c] Replacement ☐[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
EXISTING SUPPORT DELETED PER DCN P-02914 AND REMOVED BY W.P. K-P02914A-1.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A JPN 5-7-90 psi Test Temperature N/A JPN 5-7-90 °F

9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.
JPN 5-7-90
Responsible Engr Joseph P. Nieman / NC-MEA Date 5-7-90
Organization

ANII Bruce M Earnigh Date 5/21/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 5-7-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN.
City and State
Report Tracking No. 90-69 NIS 5/7/90
Type Code Symbol Stamp[b] N/A JHN 5-7-90
Authorization No.[b] N/A JHN 5-7-90
Expiration Date[b] N/A JHN 5-7-90

4. Identification of System 070, CC, ASME-CLASS 2

5(A). Applicable Construction Code AISC 1973
Edition JUNE, 1973 Addenda N/A JHN 5-7-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 1070-1-70-050 DELETED FROM THE SYSTEM

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number N/A JHN 5-7-90

6(D). National Board Number (if applicable) N/A JHN 5-7-90

6(E). Other Identification (subassembly number, heat number, etc.) NO MATERIAL REQUIRED

6(F). Year Built SUPPORT MODIFIED IN 1989

6(G). Repaired ☒ Replaced ☐[c] Replacement ☐[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
EXISTING SUPPORT DELETED PER DCN P-02914 AND REMOVED BY W.P. M-P02914A-1.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A JHN 5-7-90 psi Test Temperature N/A JHN 5-7-90 °F

9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.

JHN 5-7-90 Responsible Engr Joseph P. Nieman / NC-MEA Date 5-7-90
Organization

ANII Bruce M Fumagalli Date 5/21/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

APPENDIX D
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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 5-7-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-70 MST 5/10
3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] N/A JPN 5-7-90
P.O. Box 2000
Address
Authorization No.[b] N/A JPN 5-7-90
SPRING CITY, TN.
City and State
Expiration Date[b] N/A JPN 5-7-90
4. Identification of System 070, CC, ASME-CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE, 1973 Addenda N/A JPN 5-7-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 1070-A464-20-8, TS ½"X4"X4", TS ¼"X3"X3", TS ¼"X4"X4", PL ½"X4"X4", & PL 1"X7"X7"
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A JPN 5-7-90
6(D). National Board Number (if applicable) N/A JPN 5-7-90
6(E). Other Identification (subassembly number, heat number, etc.) HT. #S M85394 (½"TS), W04743 (¼"TS 3"X3"), Y07552 (¼"TS 4"X4"), W43989 (½"PL) & M88262 (1"PL)
6(F). Year Built SUPPORT MODIFIED 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
MODIFIED/REPLACED SUPPORT MEMBERS TO PROVIDE PROPER RESTRAINT DIRECTION. NO PSI INSPECTIONS REQUIRED
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A JPN 5-7-90 psi Test Temperature N/A JPN 5-7-90 °F
9. Remarks:

(N/A JPN 5-7-90) Applicable manufacturer's data report[e] to be attached.
Responsible Engr Joseph P. Nieman / NC-MEA Date 5-7-90
Organization
ANII Bruce M Eamigh Date 5/21/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

APPENDIX D 90-71
Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 5-7-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
3. Work Performed by: TVA (Company)
Report Tracking No. 90-71 JWJ 5/7/90
Type Code Symbol Stamp[b] N/A JPN 5-7-90
P.O. Box 2000 (Address)
Authorization No.[b] N/A JPN 5-7-90
SPRING CITY, TN. (City and State)
Expiration Date[b] N/A JPN 5-7-90
4. Identification of System 070, CC, ASME-CLASS 2
(A). Applicable Construction Code AISC 1973
Edition JUNE, 1973 Addenda N/A JPN 5-7-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 1070-A464-20-9, TS 1/4"X2"X2", TS 3/16"X3"X3", & PL 5/16"X2"X3-3/4"
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A JPN 5-7-90
6(D). National Board Number (if applicable) N/A JPN 5-7-90
6(E). Other Identification (subassembly number, heat number, etc.) HT. #'S T04343 (1/4"TS), 7410105 (5/16" PL), & 0138987 (3/16"TS)
6(F). Year Built SUPPORT MODIFIED 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
MODIFIED/REPLACED SUPPORT MEMBERS TO PROVIDE PROPER RESTRAINT DIRECTION. NO PSI REQUIRED.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A JPN 5-7-90 psi Test Temperature N/A JPN 5-7-90 °F
9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.
JPN 5-7-90
Responsible Engr Joseph P. Nieman / NC-MEA Date 5-7-90
Organization
ANII Bruce M Eamigh Date 5/21/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

WP K P 0 2 9 1 4 A - 1

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 5-7-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1

3. Work Performed by: TVA
Company
Report Tracking No. 90-72 WSTS 7/190
Type Code Symbol Stamp[b] N/A JAN 5-7-90

P.O. Box 2000
Address
Authorization No.[b] N/A JAN 5-7-90

SPRING CITY, TN.
City and State
Expiration Date[b] N/A JAN 5-7-90

4. Identification of System 070, CC, ASME-CLASS 2

(A). Applicable Construction Code AISC 1973
Edition JUNE, 1973 Addenda N/A JAN 5-7-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 1070-A464-20-20, 1/4"TS 4"X4", & 3/4"PL 6"X6"

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number N/A JAN 5-7-90

6(D). National Board Number (if applicable) N/A JAN 5-7-90

6(E). Other Identification (subassembly number, heat number, etc.) HT.#s Y07552 (1/4"TS) & 7466236 (3/4"PL)

6(F). Year Built 1989

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
ADDED PL & TS TO PROVIDE ADDED SUPPORT/RESTRAINT OF THE PIPE

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A JAN 5-7-90 psi Test Temperature N/A JAN 5-7-90 °F

9. Remarks: _____

(N/A) Applicable manufacturer's data report[e] to be attached.

JAN 5-7-90 Responsible Engr Joseph P. Niemark NC-MEA Date 5-7-90
Organization

ANII Bruce M Eamigh Date 5/21/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 3/2/90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-73 KMR

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN.
City and State
Type Code Symbol Stamp[b] N/A E.M. 3/2/90
Authorization No.[b] N/A E.M. 3/2/90
Expiration Date[b] N/A E.M. 3/2/90

4. Identification of System 063 SIS (ASME CLASS 2)

5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A E.M. 3/2/90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 47A060-63-70 (3/4" ϕ PIPE) LOCATED 45'-3" RADIUS, 4" CW OF 0° AZ @ EL. 730'-9"

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number N/A E.M. 3/2/90

6(D). National Board Number (if applicable) N/A 3/2/90

6(E). Other Identification (subassembly number, heat number, etc.) 4"x4"x1/4" T.S. HT# Y07552, 1/4" T ℞ HT# ~~4HP8471~~ W24574 RHB 5-9-90 AND 3/4 ℞ HT# 481605.

6(F). Year Built 1990

6(G). Repaired ☐ Replaced ☐[c] Replacement ☐[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
THIS SUPPORT REPLACES 47A435-6-31 AUTHORIZED BY DCN P-04708A AND WORKED PER K-P04708A-1

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A E.M. 3/2/90 psi Test Temperature N/A E.M. 3/2/90 °F

9. Remarks: THIS SUPPORT INSTALLATION REQUIRED INTEGRAL WELDS 1-063B-T027-6A AND -6B (REF. WMCR R17A AND WM# SK-435-6, SH2) WP M5699-1 ~~COVERS~~ RHB WILL COVER 5-11-90 THE HYDROSTATIC TEST REQ'D ~~COVERED~~ RHB 5-7-90 BY THIS HGR WORK.

(N/A) Applicable manufacturer's data report[e] to be attached.
E.M. 3/2/90
Responsible Engr Earl Marlar 1 MEA-NC Date 3/5/90
Organization RHB 5-9-90

ANII [signature] Date 5-12-90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code

APPENDIX D
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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 3/2/90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
3. Work Performed by: TVA
Company
Report Tracking No. 90-74 KAR
Type Code Symbol Stamp[b] N/A E.M. 3/2/90
P.O. Box 2000
Address
Authorization No.[b] N/A E.M. 3/2/90
SPRING CITY, TN.
City and State
Expiration Date[b] N/A E.M. 3/2/90
4. Identification of System 063 SIS (ASME CLASS 2)
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A E.M. 3/2/90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 47A435-6-32 (3/4"ϕ PIPE) LOCATED 45'-3" RADIUS, 4" CW. OF 0° AZ @ EL. 730'-9".
(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A E.M. 3/2/90
6(D). National Board Number (if applicable) N/A E.M. 3/2/90
6(E). Other Identification (subassembly number, heat number, etc.) 1/2" L A36 R, HT# 7477847, MECH. SEISMIC SUP. FOR 3/4"ϕ PIPE (TVA 47A053-10), * * AND 4x4x1/4 A500 GR. B T.S.
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☐[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
THIS SUPPORT INSTALLED INTEGRALLY WITH 47A060-63-70 AUTHORIZED BY DCN P-04708A AND WORKED PER K-P04708A-1.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐ E.M. 3/2/90
Pressure N/A E.M. 3/2/90 psi Test Temperature N/A °F
9. Remarks: THIS SUPPORT REQUIRED REMOVAL OF 47A435-6-31 AND ATTACHES TO BASE FOR 47A060-63-70

(N/A) Applicable manufacturer's data report[e] to be attached.
Z.M. 3/2/90
Responsible Engr Earl Marland MEA-NC Date 3/5/90
Organization

ANII [signature] Date 5-12-90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 3/5/90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
3. Work Performed by: TVA
Company
Report Tracking No. 90-78 R0
Type Code Symbol Stamp[b] N/A E.M. 3/5/90
P.O. Box 2000
Address
Authorization No.[b] N/A E.M. 3/5/90
SPRING CITY, TN.
City and State
Expiration Date[b] N/A E.M. 3/5/90
4. Identification of System 063 SIS (ASME CLASS 2)
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A E.M. 3/5/90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 W 1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 1-63-327 (2"ϕ PIPE) LOCATED RADIUS 51'-4½", Δ° AR @ EL 743'-6".
(B). Name of Manufacturer N/A E.M. 3/5/90
Address of Manufacturer (if known) N/A E.M. 3/5/90
6(C). Manufacturer's Serial Number N/A E.M. 3/5/90
6(D). National Board Number (if applicable) N/A E.M. 3/5/90
6(E). Other Identification (subassembly number, heat number, etc.) N/A E.M. 3/5/90
6(F). Year Built N/A E.M. 3/5/90
6(G). Repaired ☐ Replaced ☐[c] Replacement ☐[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
SUPPORT VOIDED BY DCN P-4708-A AND REMOVED PER K-P04708A-1.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐ E.M. 3/5/90
Pressure N/A E.M. 3/5/90 psi Test Temperature N/A °F
9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.
E.M. 3/5/90 Responsible Engr Earl Marlow / MEA-NC Date 3/5/90
Organization

ANII [signature] Date 5-12-90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 5-11-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-76 JMP
3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] NA
P.O. BOX 2000
Address
Authorization No.[b] N-1480-1
SPRING CITY, TN
City and State
Expiration Date[b] AUGUST 6, 1991
4. Identification of System 63 (SAFETY INJECTION SYSTEM) ASME CLASS 2
5(A). Applicable Construction Code ASME SECTION III 19 71
Edition THROUGH Addenda SUMMER 1973
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 WINTER 1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 47A060-63-70 (3/4"Ø PIPE) INTEGRAL ATTACHMENT TO 4X4X1/4" T.S. A500 GRB (HT.# Y07552) RB1, EL = 731', AZ=0°, R=45'
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN
6(C). Manufacturer's Serial Number N/A RHB 5-11-90
6(D). National Board Number (if applicable) N/A RHB 5-11-90
6(E). Other Identification (subassembly number, heat number, etc.)
4X4X1/4" T.S. A500 GR B HT# Y07552
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
INSTALLED SUPPORT 47A060-63-70 AUTHORIZED BY DCN P-04708, REPLACES SUPPORT 47A435-6-31. (REF. WPK-P04708A-1)
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A RHB 5-11-90 psi Test Temperature N/A RHB 5-11-90 °F
9. Remarks: THIS SUPPORT INSTALLATION REQUIRED INTEGRAL WELDS 1-063B-T027-6A AND -6B (REF. NMCR R17A AND WELD MAP # SK-435-6 SH 2 R17)
WORKPLAN M5699-1 WILL COVER THE HYDROSTATIC TEST REQ'D BY THIS WORK.
(N/A) Applicable manufacturer's data report[e] to be attached.
RHB 5-11-90
Responsible Engr Robert H. Bryan / NC-MEA Date 5-11-90
Organization

ANII _____ Date 5-12-90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 6/5/90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
3. Work Performed by: TVA
Company
Report Tracking No. 90-87
P.O. BOX 2000
Address
Type Code Symbol Stamp[b] N/A RLO 6/5/90
SPRING CITY, TENN.
City and State
Authorization No.[b] N/A RLO 6/5/90
Expiration Date[b] N/A RLO 6/5/90
4. Identification of System 062 CHEMICAL VOLUMN CONTROL
5(A). Applicable Construction Code ASME SEC. XI 1980
Edition THROUGH 1981 WINTER Addenda N/A RLO 6/5/90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - WINTER 1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 1062-1-62A-295, BP 2015-1.5 STRUT, 4"X4"X½" AND 3"X3"X¼" T.S., PLATE, 3"ϕ PIPE
). Name of Manufacturer BERGEN PATERSON PIPE SUPPORT CORP.
Address of Manufacturer (if known) 10 FORBES RD., BRAINTREE, MASS.
6(C). Manufacturer's Serial Number N/A RLO 6/5/90
6(D). National Board Number (if applicable) N/A RLO 6/5/90
6(E). Other Identification (subassembly number, heat number, etc.)
MATERIAL TYPE FOR T.S. A500 GR. B., PLATE A36, BP STRUT SA36
6(F). Year Built MODIFIED 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
MODIFIED PIPE SUPPORT AS REQUIRED PER DCN #P-04719-A.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☒
Pressure N/A RLO 6/5/90 psi Test Temperature N/A RLO 6/5/90 °F
9. Remarks: WORK PLAN NO. K-P04719A-1
TEST CONDUCTED VT-3.

(N/A) Applicable manufacturer's data report[e] to be attached.
RLO 6/5/90
Responsible Engr Ronnie O'Kelley / MEA Date 6/5/90
Organization
ANII B. Emmons Date 10/1/90

[a] Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b] Prior work performed by certificate holder
[c] Replaced (like or equivalent).
[d] Replacement (modification).
[e] When required by Construction Code.

APPENDIX D
Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 6-6-90
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000 — Sheet[a] 1 of 1
   Spring City, Tennessee — Unit 1
   Report Tracking No. 90-88 #6-6-90
3. Work Performed by: TVA — Type Code Symbol Stamp[b] N/A WAS 6-6-90
   Company
   W.B.N.P. — Authorization No.[b] N-1480-1
   Address
   Spring City, Tn. — Expiration Date[b] 8-6-91
   City and State
4. Identification of System 072, C.S., ASME-Class 2
5(A). Applicable Construction Code ASME Section III 1971
   Edition through Addenda Summer 1973
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   Pipe support anchor 47A060-63-9 for 3"ϕ pipe.
   3/4" S/S PL., 3/8" C.S. PL., 7X7X7/8" T.S.
6(B). Name of Manufacturer TVA
   Address of Manufacturer (if known) Spring City, Tenn.
6(C). Manufacturer's Serial Number N/A WAS 6-6-90
6(D). National Board Number (if applicable) N/A WAS 6-6-90
6(E). Other Identification (subassembly number, heat number, etc.)
   3/4" S.S. PL. Ht.# 22964, 3/8" C.S. PL Ht.# 911L8031, 7X7X3/8 T.S. Ht.# 801L06710
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☒[c] Replacement ☐[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
   Replaced box anchor on replaced 3"ϕ pipe.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐
   Pressure N/A WAS 6-6-90 psi Test Temperature N/A WAS 6-6-90 °F
9. Remarks: Workplan C-WBP890334-1. For the structural welds the Applicable Code of Record is AISC, 1973 (June, 1973).

(N/A) Applicable manufacturer's data report[e] to be attached.
WAS 6-6-90

Responsible Engr William D. Lamb NC-MEA — Date 6-6-90
Organization

ANII C. Metcalfe — Date 6-15-90

Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[a]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 6-7-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-93 SY 6-8A

3. Work Performed by: TVA
Company
WATTS BAR NUCLEAR PLANT
Address
SPRING CITY, TN 37381
City and State
Type Code Symbol Stamp[b] N/A
Authorization No.[b] N-1480-1
Expiration Date[b] AUG 6, 1991

4. Identification of System COMPONENT COOLING (70)

5(A). Applicable Construction Code ASME SEC III 1971
Edition THROUGH Addenda SUMMER 1973

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
6" WAFER TYPE BUTTERFLY VALVE, BODY MATERIAL SA 516 GR 55, TVA CLASS B, ASME CLASS 2

6(B). Name of Manufacturer HENRY PRATT
Address of Manufacturer (if known) AURORA, ILL

6(C). Manufacturer's Serial Number D-0044-7-2

6(D). National Board Number (if applicable) N/A

6(E). Other Identification (subassembly number, heat number, etc.)
VALVE IDENTIFICATION NUMBER 1-FCV-70-100

6(F). Year Built N/A

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☒ No ☐

7. Brief description of repair or replacement work performed.
INSTALLED 6" VALVE BY FLANGE BOLTING DATA SHEET 1-70-F-43-500 UNDER WORKPLAN C-WBP870033-4

8. Tests Conducted: Hydrostatic ☒ * Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure 220 psi Test Temperature 80 °F

9. Remarks: * HYDRO TEST PACKAGE NUMBER 1-070-47W859-1-2-1000 PERFORMED UNDER WORKPLAN M5712-1

( ) Applicable manufacturer's data report[e] to be attached.

Responsible Engr Larry E Will MEC Date 6-7-90
Organization

ANII B. Earnigh Date 6/20/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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WORKPLAN C-WBP870033-4
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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 6-7-90
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee
   Sheet[a] ____ of ____
   Unit 1
   Report Tracking No. 90-94 (17 6-8)
3. Work Performed by: TVA — Type Code Symbol Stamp[b] N/A
   Company
   WATTS BAR NUCLEAR PLANT — Authorization No.[b] N-1452-1
   Address
   SPRING CITY, TN 37381 — Expiration Date[b] AUG 6, 1991
   City and State
4. Identification of System COMPONENT COOLING (70)
5(A). Applicable Construction Code ASME SEC III 19 71
   Edition THROUGH Addenda SUMMER 1973
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   6" WAFER TYPE BUTTERFLY VALVE, BODY MATERIAL SA 516 GR55, TVA CLASS B, ASME CLASS 2
6(B). Name of Manufacturer HENRY PRATT
   Address of Manufacturer (if known) AURORA, ILL
6(C). Manufacturer's Serial Number D-0050-7-1
6(D). National Board Number (if applicable) N/A
6(E). Other Identification (subassembly number, heat number, etc.)
   VALVE IDENTIFICATION NUMBER 1-FCV-70-89
6(F). Year Built 1976
6(G). Repaired ☐ Replaced ☐[c] Replacement ☐[d]
6(H). ASME Code Stamped Yes ☑ No ☐
7. Brief description of repair or replacement work performed.
   INSTALLED 6" VALVE BY FLANGE BOLTING DATA SHEET 1-70-F-51-13 UNDER WORKPLAN C-WBP870033-4
8. Tests Conducted: Hydrostatic ☑* Pneumatic ☐
   Nominal operating pressure ☐ Other ☐
   Pressure 220 psi Test Temperature 80 °F
9. Remarks: * HYDRO TEST PACKAGE NUMBER 1-C70-47WBE9-1-2-1000 PERFORMED UNDER WORKPLAN ME712-1

( ) Applicable manufacturer's data report to be attached.

Responsible Engr Harry E Wilk MEC — Date 6-7-90
Organization

ANII B. Eamigh — Date 6/20/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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WORKPLAN C-WBP870033-4
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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 4-18-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] 1 of 1
Unit 1
Report Tracking No. 90-97

3. Work Performed by: TVA
Company
Watts Bar Nuclear Plant
Address
Spring City, TN
City and State
Type Code Symbol Stamp[b] N/A
Authorization No.[b] N/A
Expiration Date[b] N/A

4. Identification of System Feedwater 3

5(A). Applicable Construction Code ASME Section III 19 71
Edition Through Addenda Summer 1973

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
Located Near Weld 1-003A-T004-25 EL 729'-7" (X & Q Reactor)
2" Pipe Sch 80 C/S SA 106 GrB (Ref. Penetration 1-X-12B).

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) N/A

6(C). Manufacturer's Serial Number N/A

6(D). National Board Number (if applicable) N/A

6(E). Other Identification (subassembly number, heat number, etc.)
1-03-5-5-4 DWG SK 401-9 SHT 3 ASME Class 2

6(F). Year Built N/A

6(G). Repaired [X] Replaced [ ][c] Replacement [ ][d]

6(H). ASME Code Stamped Yes [ ] No [X]

7. Brief description of repair or replacement work performed.
Removed base metal indications on Pipe and Examined Area

8. Tests Conducted: Hydrostatic [ ] Pneumatic [ ]
NA Nominal operating pressure [ ] Other [ ]
Pressure _____ psi Test Temperature _____ °F

9. Remarks: Work Plan C-WBP880540-1

( ) Applicable manufacturer's data report[e] to be attached.

Responsible Engr Ted Carlton / NCMEC Date 4-18-90
Organization

ANII B. Eavenson Date 6/19/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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APPENDIX D
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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 4-18-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] 1 of 1
Unit 1
3. Work Performed by: TVA
Company
Watts Bar Nuclear Plant
Address
Spring City, TN
City and State
Report Tracking No. 90-98
Type Code Symbol Stamp[b] N/A
Authorization No.[b] N/A
Expiration Date[b] N/A
4. Identification of System Residual Heat Removal 74
5(A). Applicable Construction Code ASME Section III 19 71
Edition Through Addenda Summer 1973
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
Located adjacent (South) To weld 1-074A-D047-4 (EL 682'-11¾" AS+N) 14" Sch 40 SA 358 Class 1 TP304 Piping Material
6(B). Name of Manufacturer DRAVO
Address of Manufacturer (if known) N/A
6(C). Manufacturer's Serial Number N/A
6(D). National Board Number (if applicable) N/A
6(E). Other Identification (subassembly number, heat number, etc.)
74-RHR-19 DWG WBN-E-2879 IC-47 ASME CLASS 2
6(F). Year Built N/A
6(G). Repaired ☒ Replaced ☐[c] Replacement ☐[c]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
Removed base metal indication on Pipe and Examined Area
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
NA Nominal operating pressure ☐ Other ☐
Pressure _____ psi Test Temperature _____ °F
9. Remarks: Work Plan C-WBP 880540-1

( ) Applicable manufacturer's data report[e] to be attached.
Responsible Engr Ted Carlton / NC MEC Date 4-18-90
Organization
ANII B. Eamigh Date 6/19/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 4-18-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] 1 of 1
Unit 1
Report Tracking No. 90-99
3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] N/A
Watts Bar Nuclear Plant
Address
Authorization No.[b] N/A
Spring City, TN
City and State
Expiration Date[b] N/A
4. Identification of System Radiation Monitoring 90
5(A). Applicable Construction Code ASME Section III 19 71
Edition Through Addenda Summer 1973
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - WB1
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
Located 10¼" upstream of Weld 1-090A-T009-5-C1 (EL. 739'-6" A5 & 4) Pressure Tubing 1"OD X .065 Wall SS (ASME SA213GR TP3)
6(B). Name of Manufacturer TVA Contract # 83259
Address of Manufacturer (if known) N/A
6(C). Manufacturer's Serial Number N/A
6(D). National Board Number (if applicable) N/A
6(E). Other Identification (subassembly number, heat number, etc.)
Subassembly 1-90-RE104-1 DWG: SK600-103-SHT301 ASME Class 2
6(F). Year Built N/A
6(G). Repaired ☒ Replaced ☐[c] Replacement ☐[d]
6(E). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
Removed base metal indications on pipe and Examined Area
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
NA Nominal operating pressure ☐ Other ☐
Pressure _____ psi Test Temperature _____ °F
9. Remarks: Work Plan C-WBP880540-1

( ) Applicable manufacturer's data report[e] to be attached.

Responsible Engr Ted Castlow / NC MEC Date 4-18-90
Organization

ANII B Eamigh Date 6/19/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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APPENDIX D
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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 6/21/90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-100 (17) 6-21-9
3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] N/A 6/21/90
P.O. Box 2000
Address
Authorization No.[b] N/A 6/21/90
SPRING City, TN
City and State
Expiration Date[b] N/A 6/21/90
4. Identification of System 062, CVC, ASME-CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE, 1973 Addenda N/A 6/21/90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W 1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 1062-62-1CVC-R246 DELETED FROM THE SYSTEM.
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING City, TN.
6(C). Manufacturer's Serial Number N/A 6/21/90
6(D). National Board Number (if applicable) N/A 6/21/90
6(E). Other Identification (subassembly number, heat number, etc.) NO MATERIAL Req'd.
6(F). Year Built Support Modified IN 1989
6(G). Repaired ☒ 6/21/90 Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
EXISTING SUPPORT DELETED PER DCN P-04693-A AND Removed By WORKPLAN K-P04693A-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A 6/21/90 psi Test Temperature N/A 6/21/90 °F
9. Remarks:

(N/A 6/21/90) Applicable manufacturer's data report[e] to be attached.
Responsible Engr John M. Willis INC-MEA Date 6/21/90
Organization
ANII B. Eamigh Date 6/21/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 6/21/90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-101 6-21-90

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
Spring City, TN
City and State
Type Code Symbol Stamp[b] N/A 6/21/90
Authorization No.[b] N/A 6/21/90
Expiration Date[b] N/A 6/21/90

4. Identification of System 062, IVC, ASME-Class-2

5(A). Applicable Construction Code AISC 1973
Edition June, 1973 Addenda N/A 6/21/90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W 1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 1062-62-ICVC - ~~R246~~ R247 DELETED FROM THE SYSTEM

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING, City TN.

6(C). Manufacturer's Serial Number N/A 6/21/90

6(D). National Board Number (if applicable) N/A 6/21/90

6(E). Other Identification (subassembly number, heat number, etc.)
NO Material Req'd.

6(F). Year Built SUPPORT Modified IN 1989

6(G). Repaired ☒ 6/21/90 Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
EXISTING SUPPORT DELETED PER DCN P-04693-A AND REMOVED BY Work Plan K-P04693A-1.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A 6/21/90 psi Test Temperature N/A 6/21/90 °F

9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.
6/21/90 Responsible Engr John M. William / NC-MEA Date 6/21/90
Organization

ANII B. Earnigh Date 6/21/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 6/21/90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
Spring City, TN
City and State
Report Tracking No. 90-102 6-21-90
Type Code Symbol Stamp[b] N/A 6/21/90
Authorization No.[b] N/A 6/21/90
Expiration Date[b] N/A 6/21/90

4. Identification of System 062, CVC, ASME-Class 2

5(A). Applicable Construction Code AISC 1973
Edition JUNE, 1973 Addenda N/A 6/21/90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W 1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 62-1CVC-R251 DELETED FROM THE SYSTEM

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN

6(C). Manufacturer's Serial Number N/A 6/21/90

6(D). National Board Number (if applicable) N/A 6/21/90

6(E). Other Identification (subassembly number, heat number, etc.) NO MATERIAL REQ'd.

6(F). Year Built SUPPORT MODIFIED IN 1989

6(G). Repaired ☒ 6/21/90 Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
EXISTING SUPPORT DELETED PER DCN P-04693-A AND REMOVED BY WORKPLAN K-P04693A-1

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A 6/21/90 psi Test Temperature N/A 6-21-90 °F

9. Remarks:

(N/A) 6/21/90 Applicable manufacturer's data report[e] to be attached.

Responsible Engr John M. Williams INC-MEA Date 6/21/90
Organization

ANII B. Earnest Date 6/21/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 6/21/90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-103 6-21-9

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
Spring City, TN
City and State
Type Code Symbol Stamp[b] N/A JMW 6/21/90
Authorization No.[b] N/A JMW 6/21/90
Expiration Date[b] N/A JMW 6/21/90

4. Identification of System 062, CVC, ASME-Class 2

5(A). Applicable Construction Code AISC 1973
Edition June, 1973 Addenda N/A JMW 6/21/90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W 1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
Pipe Support 1062-62-1CVC-R249, 2015-4 Rigid Rod Strut and 1000-4 Strut Rear Bracket

6(B). Name of Manufacturer Bergen-Paterson & TVA
Address of Manufacturer (if known) Boston, Massachusetts Spring, City. TN

6(C). Manufacturer's Serial Number N/A JMW 6/21/90

6(D). National Board Number (if applicable) N/A JMW 6/21/90

6(E). Other Identification (subassembly number, heat number, etc.) N/A JMW 6/21/90

6(F). Year Built Support Modified · May, 1990

6(G). Repaired ☐ Replaced ☒[c] Replacement ☒[d] JMW 6/21/90

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
Modified / Replaced Support Snubber with Strut-per DCN P-04693-A and Work Plan K-P04693A-1

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A JMW 6-21-90 psi Test Temperature N/A JMW 6-21-90 °F

9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.
JMW 6/21/90
Responsible Engr John M. William / NC/MEA Date 6/21/90
Organization

ANII B. Earnigh Date 6/21/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

APPENDIX D
Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY Date 6-16-90
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000 Sheet[a] ____ of ____
Spring City, Tennessee Unit 1
Report Tracking No. 90-104 6-22-90
3. Work Performed by: TVA Type Code Symbol Stamp[b] NA
Company
WATTS BAR NUCLEAR PLANT Authorization No.[b] N-1480-1
Address
SPRING CITY, TN 37381 Expiration Date[b] AUG 6, 1991
City and State
4. Identification of System ESSENTIAL RAW COOLING WATER
5(A). Applicable Construction Code ASME SEC III 1971
Edition THROUGH Addenda SUMMER 1973
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W81
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
6" WAFER TYPE BUTTERFLY VALVE, BODY MATERIAL SA-516 GR. 55, LOOP B DISCHARGE FROM LWR CNTMT COOLERS.
6(B). Name of Manufacturer HENRY PRATT Co.
Address of Manufacturer (if known) AURORA, ILL.
6(C). Manufacturer's Serial Number D-0051-6-3
6(D). National Board Number (if applicable) N/A
6(E). Other Identification (subassembly number, heat number, etc.)
TVA VALVE UNIQUE IDENTIFIER 1-FCV-67-103
6(F). Year Built 1976
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☒ No ☐
7. Brief description of repair or replacement work performed.
INSTALLED 6" BUTTERFLY VALVE BY BOLTING PER WORK-PLAN C-WBP870033-2, REF. ECN E110011
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure 212 psi Test Temperature 71 °F
9. Remarks: HYDRO TEST PACKAGE NUMBER 1-067-47W845-3-2-5 REV. 4 PERFORMED UNDER WORKPLAN M5710-9.
VALVE IS ASME CLASS 2 AND TVA CLASS B
(✓) Applicable manufacturer's data report[e] to be attached.
Responsible Engr Larry E. Wilk MEC Date 6-16-90
Organization

ANII [signature] Date 11-17-90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

APPENDIX D
Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 6-16-90
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee
   Sheet[a] ____ of ____
   Unit 1
   Report Tracking No. 90-105 87
3. Work Performed by: TVA — Type Code Symbol Stamp[b] NA 6-22-90
   Company
   WATTS BAR NUCLEAR PLANT — Authorization No.[b] N-1480-1
   Address
   SPRING CITY, TN 37381 — Expiration Date[b] Aug 6, 1991
   City and State
4. Identification of System ESSENTIAL RAW COOLING WATER
5(A). Applicable Construction Code ASME SEC III 1971
   Edition THROUGH Addenda SUMMER 1973
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W81
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   6" WAFER TYPE BUTTERFLY VALVE, BODY MATERIAL SA-516 GR. 55, LOOP D SUPPLY TO LWR CNTMT COOLERS.
6(B). Name of Manufacturer HENRY PRATT Co.
   Address of Manufacturer (if known) AURORA, ILL.
6(C). Manufacturer's Serial Number D-0045-6-4
6(D). National Board Number (if applicable) N/A
6(E). Other Identification (subassembly number, heat number, etc.)
   TVA VALVE UNIQUE IDENTIFIER 1-ECV-67-113
6(F). Year Built 1976
6(G). Repaired ☐ Replaced ☐[c] Replacement ☐[d]
6(H). ASME Code Stamped Yes ☑ No ☐
7. Brief description of repair or replacement work performed.
   INSTALLED 6" BUTTERFLY VALVE BY BOLTING PER WORK-PLAN C-WBP870033-2, REF. ECN E11001.
8. Tests Conducted: Hydrostatic ☑ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐
   Pressure 212 psi Test Temperature 71 °F
9. Remarks: HYDRO TEST PACKAGE NUMBER 1-067-47W845-3-2-5 REV 4 PERFORMED UNDER WORKPLAN M5710-9.
   VALVE IS ASME CLASS 2 AND TVA CLASS B
   (✓) Applicable manufacturer's data report[e] to be attached.

Responsible Engr Larry E. Kelly MEC — Date 6-16-90
Organization

ANII [illegible] — Date 11-17-90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY Date 6-16-90
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000 Sheet[a] ____ of ____
Spring City, Tennessee Unit 1
Report Tracking No. 90-106 SF 6-22-90
3. Work Performed by: TVA Type Code Symbol Stamp[b] NA
Company
WATTS BAR NUCLEAR PLANT Authorization No.[b] N-1480-1
Address
SPRING CITY, TN 37381 Expiration Date[b] AUG 6, 1991
City and State
4. Identification of System ESSENTIAL RAW COOLING WATER
5(A). Applicable Construction Code ASME SEC III 1971
Edition THROUGH Addenda SUMMER 1973
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W81
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
6" WAFER TYPE BUTTERFLY VALVE, BODY MATERIAL SA-516 GR. 55, LOOP D DISCHARGE FOR LWR CNTMT COOLERS.
6(B). Name of Manufacturer HENRY PRATT Co.
Address of Manufacturer (if known) AURORA, ILL.
6(C). Manufacturer's Serial Number D-0051-6-5
6(D). National Board Number (if applicable) N/A
6(E). Other Identification (subassembly number, heat number, etc.)
TVA VALVE UNIQUE IDENTIFIER 1-FCV-67-111
6(F). Year Built 1976
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☒ No ☐
7. Brief description of repair or replacement work performed.
INSTALLED 6" BUTTERFLY VALVE BY BOLTING PER WORK-PLAN C-WBP870033-2, REF. ECN E110011.
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure 212 psi Test Temperature 71 °F
9. Remarks: HYDRO TEST PACKAGE NUMBER 1-067-47W845-3-2-5 REV.4 PERFORMED UNDER WORKPLAN M5710-9.
VALVE IS ASME CLASS 2 AND TVA CLASS B
(✓) Applicable manufacturer's data report[e] to be attached.
Responsible Engr Larry E. Wills MEC Date 6-16-90
Organization

ANII [signature] Date 11-17-90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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APPENDIX D
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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 6-16-90
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000 — Sheet[a] ____ of ____
   Spring City, Tennessee — Unit 1
   Report Tracking No. 90-107 Rev 17 6-22-90
3. Work Performed by: TVA — Type Code Symbol Stamp[b] N/A
   Company
   WATTS BAR NUCLEAR PLANT — Authorization No.[b] N-1480-1
   Address
   SPRING CITY, TN 37381 — Expiration Date[b] Aug 6, 1991
   City and State
4. Identification of System ESSENTIAL RAW COOLING WATER
5(A). Applicable Construction Code ASME SEC III 1971
   Edition THROUGH Addenda SUMMER 1973
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W81
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   6" WAFER TYPE BUTTERFLY VALVE, BODY MATERIAL SA-516 GR. 55, LOOP B SUPPLY TO CNTMT COOLERS.
6(B). Name of Manufacturer HENRY PRATT Co.
   Address of Manufacturer (if known) AURORA, ILL.
6(C). Manufacturer's Serial Number D-0045-6-12
6(D). National Board Number (if applicable) N/A
6(E). Other Identification (subassembly number, heat number, etc.)
   TVA VALVE UNIQUE IDENTIFIER 1-FCV-67-105
6(F). Year Built 1976
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☒ No ☐
7. Brief description of repair or replacement work performed.
   INSTALLED 6" BUTTERFLY VALVE BY BOLTING PER WORK-PLAN C-WBPB70033-2, REF. ECN E11001.
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐
   Pressure 212 psi Test Temperature 71 °F
9. Remarks: HYDRO TEST PACKAGE NUMBER 1-067-47W845-3-2-5 REV 4 PERFORMED UNDER WORKPLAN M5710-9.
   VALVE IS ASME CLASS 2 AND TVA CLASS B
   (✓) Applicable manufacturer's data report[e] to be attached.
   Responsible Engr [signature] MEC — Date 6-16-90
   Organization

ANII [signature] Date 11-17-90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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WORKPLAN C-WBPB70033-2

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 6-16-90
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000 — Sheet[a] ____ of ____
   Spring City, Tennessee — Unit 1
   Report Tracking No. 90-113 (7) 6-22-90
3. Work Performed by: TVA — Type Code Symbol Stamp[b] NA
   Company
   WATTS BAR NUCLEAR PLANT — Authorization No.[b] N-1480-1
   Address
   SPRING CITY, TN 37381 — Expiration Date[b] AUG 6, 1991
   City and State
4. Identification of System ESSENTIAL RAW COOLING WATER
5(A). Applicable Construction Code ASME SEC III 19 71
   Edition THROUGH Addenda SUMMER 1973
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W81
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   6" WAFER TYPE BUTTERFLY VALVE, BODY MATERIAL SA-516 GR. 55, LOOP C DISCHARGE FOR LWR CNTMT COOLERS.
6(B). Name of Manufacturer HENRY PRATT Co.
   Address of Manufacturer (if known) AURORA, ILL.
6(C). Manufacturer's Serial Number D-0051-6-2
6(D). National Board Number (if applicable) N/A
6(E). Other Identification (subassembly number, heat number, etc.)
   TVA VALVE UNIQUE IDENTIFIER 1-FCV-67-95
6(F). Year Built 1976
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☒ No ☐
7. Brief description of repair or replacement work performed.
   INSTALLED 6" BUTTERFLY VALVE BY BOLTING PER WORK-PLAN C-WBPB70033-2, REF. ECN E11001.
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐
   Pressure 206 psi Test Temperature 69.1 °F
9. Remarks: HYDRO TEST PACKAGE NUMBER 1-067-47WB45-3-2-5 REV.5 PERFORMED UNDER WORKPLAN M5710-10.
   VALVE IS ASME CLASS 2 AND TVA CLASS B
   (✓) Applicable manufacturer's data report[e] to be attached.

Responsible Engr Terry E. Hilli MEC — Date 6-16-90
Organization

ANII [signature] — Date 11-17-90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 6-16-90
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000 — Sheet[a] ____ of ____
   Spring City, Tennessee — Unit 1
   Report Tracking No. 90-114 17 6-22-90
3. Work Performed by: TVA — Type Code Symbol Stamp[b] NA 6-22-90
   Company
   WATTS BAR NUCLEAR PLANT — Authorization No.[b] N-1480-1
   Address
   SPRING CITY, TN 37381 — Expiration Date[b] AUG 6, 1991
   City and State
4. Identification of System ESSENTIAL RAW COOLING WATER
5(A). Applicable Construction Code ASME SEC III 19 71
   Edition THROUGH Addenda SUMMER 1973
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W81
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   6" WAFER TYPE BUTTERFLY VALVE, BODY MATERIAL SA-516 GR. 55, LOOP C SUPPLY TO LWR CNTMT COOLERS
6(B). Name of Manufacturer HENRY PRATT Co.
   Address of Manufacturer (if known) AURORA, ILL
6(C). Manufacturer's Serial Number D-0045-6-8
6(D). National Board Number (if applicable) N/A
6(E). Other Identification (subassembly number, heat number, etc.)
   TVA VALVE UNIQUE IDENTIFIER 1-FCV-67-97
6(F). Year Built 1976
6(G). Repaired ☐ Replaced ☐[c] Replacement ☑[d]
6(H). ASME Code Stamped Yes ☑ No ☐
7. Brief description of repair or replacement work performed.
   INSTALLED 6" BUTTERFLY VALVE BY BOLTING PER WORK-PLAN C-WBP870033-2, REF. ECN E11001
8. Tests Conducted: Hydrostatic ☑ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐
   Pressure 206 psi Test Temperature 69.1 °F
9. Remarks: HYDRO TEST PACKAGE NUMBER 1-067-47W845-3-2-5 REV.5 PERFORMED UNDER WORKPLAN M5710-10.
   VALVE IS ASME CLASS 2 AND TVA CLASS B
   (✓) Applicable manufacturer's data report[e] to be attached.

Responsible Engr Larry E. Mills MEC — Date 6-16-90
Organization

ANII [signature] — Date 11-17-90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

APPENDIX D
Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 6-16-90
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000 — Sheet[a] ____ of ____
   Spring City, Tennessee — Unit 1
   Report Tracking No. 90-115 87 6-22-90
3. Work Performed by: TVA — Type Code Symbol Stamp[b] NA
   Company
   WATTS BAR NUCLEAR PLANT — Authorization No.[b] N-1480-1
   Address
   SPRING CITY, TN 37381 — Expiration Date[b] AUG 6, 1991
   City and State
4. Identification of System ESSENTIAL RAW COOLING WATER
5(A). Applicable Construction Code ASME SEC III 19 71
   Edition THROUGH Addenda SUMMER 1973
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W81
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   6" WAFER TYPE BUTTERFLY VALVE, BODY MATERIAL SA-516 GR. 55, LOOP A SUPPLY TO LWR CNTMT COOLERS
6(B). Name of Manufacturer HENRY PRATT Co.
   Address of Manufacturer (if known) AURORA, ILL
6(C). Manufacturer's Serial Number D-0051-6-9
6(D). National Board Number (if applicable) N/A
6(E). Other Identification (subassembly number, heat number, etc.) ____
   TVA VALVE UNIQUE IDENTIFIER 1-FCV-67-89
6(F). Year Built 1976
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☒ No ☐
7. Brief description of repair or replacement work performed.
   INSTALLED 6" BUTTERFLY VALVE BY BOLTING PER WORK-PLAN C-WBP870033-2, REF. ECN E11001.
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐
   Pressure 206 psi Test Temperature 69.1 °F
9. Remarks: HYDRO TEST PACKAGE NUMBER 1-067-47W845-3-2-5 REV.5 PERFORMED UNDER WORKPLAN M5710-10.
   VALVE IS ASME CLASS 2 AND TVA CLASS B
   (✓) Applicable manufacturer's data report[e] to be attached.

Responsible Engr [signature] MEC — Date 6-16-90
Organization

ANII [signature] — Date 11-17-90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY Date 6-16-90
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000 Sheet[a] ____ of ____
Spring City, Tennessee Unit 1
Report Tracking No. 90-116 JT 6-22-90
3. Work Performed by: TVA Type Code Symbol Stamp[b] NA
Company
WATTS BAR NUCLEAR PLANT Authorization No.[b] N-1480-1
Address
SPRING CITY, TN 37381 Expiration Date[b] AUG 6, 1991
City and State
4. Identification of System ESSENTIAL RAW COOLING WATER
5(A). Applicable Construction Code ASME SEC III 1971
Edition THROUGH Addenda SUMMER 1973
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W81
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
6" WAFER TYPE BUTTERFLY VALVE, BODY MATERIAL SA-516 GR. 55, LOOP A DISCHARGE FOR LWR CNTMT COOLERS
6(B). Name of Manufacturer HENRY PRATT Co.
Address of Manufacturer (if known) AURORA, ILL
6(C). Manufacturer's Serial Number D-0051-6-4
6(D). National Board Number (if applicable) N/A
6(E). Other Identification (subassembly number, heat number, etc.)
TVA VALVE UNIQUE IDENTIFIER 1-FCV-67-87
6(F). Year Built 1976
6(G). Repaired ☐ Replaced ☐[c] Replacement ☑[d]
6(H). ASME Code Stamped Yes ☑ No ☐
7. Brief description of repair or replacement work performed.
INSTALLED 6" BUTTERFLY VALVE BY BOLTING PER WORK-PLAN C-WBP870033-2, REF. ECN E110011
8. Tests Conducted: Hydrostatic ☑ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure 206 psi Test Temperature 69.1 °F
9. Remarks: HYDRO TEST PACKAGE NUMBER 1-067-47W845-3-2-5 REV.5 PERFORMED UNDER WORKPLAN M5710-10
VALVE IS ASME CLASS 2 AND TVA CLASS B
(✓) Applicable manufacturer's data report[e] to be attached.
Responsible Engr [signature] MEC Date 6-16-90
Organization

ANII [signature] Date 11-17-90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

APPENDIX D
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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 7-10-90
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee
   Sheet[a] ____ of ____
   Unit 1
   Report Tracking No. 90-123 (7-11-90)
3. Work Performed by: TVA (Company) — Type Code Symbol Stamp[b] N/A
   P. O. Box 2000 (Address) — Authorization No.[b] N/A
   Spring City, Tennessee (City and State) — Expiration Date[b] N/A
4. Identification of System * 063 (S1S), ASME - Class 2
5(A). Applicable Construction Code AISC 1973
   Edition Seventh, 1973 Addenda N/A
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   Pipe Support 1063-A435-1-49,
   2 @ ∠2½" x 2½" x 3/8" x 0'-8" LG.
6(B). Name of Manufacturer TVA
   Address of Manufacturer (if known) WBNP, Spring City, TN
6(C). Manufacturer's Serial Number N/A
6(D). National Board Number (if applicable) N/A
6(E). Other Identification (subassembly number, heat number, etc.)
   Ht. No. 40fr3 (∠2½" x 2½" x 3/8").
6(F). Year Built / Support Modified 1990
6(G). Repaired ☑ Replaced ☐[c] Replacement ☐[d]
6(H). ASME Code Stamped Yes ☐ No ☑
7. Brief description of repair or replacement work performed.
   Added the angles to provide support/restraint of the pipe.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐
   Pressure N/A psi Test Temperature N/A °F
9. Remarks: Work completed on 5-23-90.

(N/A) Applicable manufacturer's data report[e] to be attached.

Responsible Engr Jao J Chao / MEA-NC — Date 7-10-90
Organization

ANII B. Elmore — Date 9/4/90

Sheet Nos. filled in by Testing and Diagnostic Programs Branch. PAGE 104 OF 564

For work performed by certificate holder
Replaced (like or equivalent).
Replacement (modification).
When required by Construction Code.

* Hgr. installed on system 63 piping, but is in system 62 piping analysis.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 7-16-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-125 87 7-16-9

3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] N/A RLO 7/16/90
P.O. BOX 2000
Address
Authorization No.[b] N/A RLO 7/16/90
SPRING CITY, TENN.
City and State
Expiration Date[b] N/A RLO 7/16/90

4. Identification of System 063 (SIS), ASME CLASS 2

5(A). Applicable Construction Code ASME SECTION XI 1980
Edition THRU 1981 WINTER Addenda N/A RLO 7/16/90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 1063-A435-8-84, BP 2410-.35, 3/4"x 5"x 7" PLATE(A36), TS 3"x3"x1/4" (A500 GR.B) 3/4"x 2"x 14" LG. PLATE.

6(B). Name of Manufacturer TVA AND BERGEN PATERSON PIPE SUPPORT CORP.
Address of Manufacturer (if known) SPRING CITY, TENN. AND WOBURN, MASS.

6(C). Manufacturer's Serial Number 3478

6(D). National Board Number (if applicable) N/A RLO 7/16/90

6(E). Other Identification (subassembly number, heat number, etc.)
TUBE STEEL HT.# 149575, PLATE HT.# 7466236, PLATE HT.# 7469100

6(F). Year Built INSTALLED 1990

6(G). Repaired ☐ Replaced ☐[c] Replacement ☐[d]

6(H). ASME Code Stamped Yes ☐ No ☐

7. Brief description of repair or replacement work performed.
INSTALLED NEW PIPE SUPPORT ON VALVE OPERATOR FOR VALVE # 1-FCV-63-97.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A RLO 7/16/90 psi Test Temperature N/A RLO 7/16/90 °F

9. Remarks: WORKPLAN K-P0470 1A-1

(N/A) Applicable manufacturer's data report[e] to be attached.
RLO 7/16/90

Responsible Engr Ronnie O'Kelley / MEA Date 7/16/90
Organization

ANII B Eannigh Date 12/6/91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 3/1/90
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee — Sheet[a] ____ of ____
   Unit 1
   Report Tracking No. 90-126 JT 7-18-90
3. Work Performed by: TVA — Type Code Symbol Stamp[b] N/A E.M. 3/1/90
   Company
   P.O. Box 2000 — Authorization No.[b] N/A E.M. 3/1/90
   Address
   SPRING CITY, TN. — Expiration Date[b] N/A E.M. 3/1/90
   City and State
4. Identification of System 062 CHEMICAL & VOLUME CONTROL (ASME CLASS 2)
5(A). Applicable Construction Code A.I.S.C. 1973
   Edition JUNE 1973 Addenda N/A E.M. 3/1/90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   PIPE SUPPORT 62-1CVC-R167 (2"Ø PIPE) LOCATED 2'-6" N(U), 5'-7"@ EL. 699'-6".
6(B). Name of Manufacturer N/A E.M. 3/1/90
   Address of Manufacturer (if known) N/A E.M. 3/1/90
6(C). Manufacturer's Serial Number N/A E.M. 3/1/90
6(D). National Board Number (if applicable) N/A E.M. 3/1/90
6(E). Other Identification (subassembly number, heat number, etc.) N/A E.M. 3/1/90
6(F). Year Built N/A E.M. 3/1/90
6(G). Repaired ☐ Replaced ☐[c] Replacement ☐[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
   THE SUPPORT IS DELETED BY DCN P-04744-A AND REMOVED PER WP K-P04691A-1.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐ E.M. 3/1/90
   Pressure N/A E.M. 3/1/90 psi Test Temperature N/A °F
9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.
E.M. 3/1/90 Responsible Engr Earl Marler / MEA-NC Date 3/1/90
Organization

ANII [signature] Date 4-12-90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 3/1/90
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee — Sheet[a] ____ of ____
   Unit 1
   Report Tracking No. 90-127 AT 9-18-90
3. Work Performed by: TVA — Type Code Symbol Stamp[b] N/A E.M. 3/1/90
   Company
   P.O. Box 2000 — Authorization No.[b] N/A E.M. 3/1/90
   Address
   SPRING CITY, TN. — Expiration Date[b] N/A E.M. 3/1/90
   City and State
4. Identification of System 062 CHEMICAL & VOLUME CONTROL (ASME CLASS 2)
5(A). Applicable Construction Code A.I.S.C. 1973
   Edition JUNE 1973 Addenda N/A E.M. 3/1/90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   PIPE SUPPORT 62-1CVC-R22 (8"ϕ PIPE) 4'-6" N (U), 4'-6" E.M. 3/1/90 4'-10" E (A4) @ EL. 703'-0".
6(B). Name of Manufacturer N/A E.M. 3/1/90
   Address of Manufacturer (if known) N/A E.M. 3/1/90
6(C). Manufacturer's Serial Number N/A E.M. 3/1/90
6(D). National Board Number (if applicable) N/A E.M. 3/1/90
6(E). Other Identification (subassembly number, heat number, etc.) N/A E.M. 3/1/90
6(F). Year Built N/A 3/1/90
6(G). Repaired ☐ Replaced ☐[c] Replacement ☐[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
   THIS SUPPORT IS DELETED BY TCA P-04727-A AND REMOVED PER WP K-P04691A-1.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐ E.M. 3/1/90
   Pressure N/A E.M. 3/1/90 psi Test Temperature N/A °F
9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.
E.M. 3/1/90
Responsible Engr Earl Masters / MEA-NC Date 3/1/90
Organization

ANII [signature] Date 9-12-90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 3/1/90
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee — Sheet[a] ____ of ____
   Unit 1
   Report Tracking No. 90-128 AT 7-18-90
3. Work Performed by: TVA — Type Code Symbol Stamp[b] N/A E.M. 3/1/90
   Company
   P.O. Box 2000 — Authorization No.[b] N/A E.M. 3/1/90
   Address
   SPRING CITY, TN. — Expiration Date[b] N/A E.M. 3/1/90
   City and State
4. Identification of System 062 CHEMICAL & VOLUME CONTROL (ASME CLASS 2)
5(A). Applicable Construction Code A.I.S.C. 1973
   Edition JUNE 1973 Addenda N/A E.M. 3/1/90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   PIPE SUPPORT ~~47A406~~ E.M. 3/1/90 47A406-1-7 (8"ϕ PIPE) 7'-9" S(U), 11'-0" E (A2) @ EL. 704'-3"
6(B). Name of Manufacturer N/A E.M. 3/1/90
   Address of Manufacturer (if known) N/A E.M. 3/1/90
6(C). Manufacturer's Serial Number N/A E.M. 3/1/90
6(D). National Board Number (if applicable) N/A E.M. 3/1/90
6(E). Other Identification (subassembly number, heat number, etc.) N/A E.M. 3/1/90
6(F). Year Built 3/1/90 E.M. N/A N/A E.M. 3/1/90
6(G). Repaired ☐ Replaced ☐[c] Replacement ☐[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
   THIS SUPPORT IS DELETED BY DCN P-04727-A AND REMOVED PER WP K-P04691A-1.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐ E.M. 3/1/90
   Pressure N/A E.M. 3/1/90 psi Test Temperature N/A °F
9. Remarks:

(N/A) E.M. 3/1/90 Applicable manufacturer's data report[e] to be attached.
Responsible Engr Earl Marlar / MEA-NK Date 3/1/90
Organization

ANII [signature] Date 4-12-90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

APPENDIX D
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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 5-24-90
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee
   Sheet[a] ____ of ____
   Unit 1
   Report Tracking No. 90-130 1T 1-25-90
3. Work Performed by: TVA — Type Code Symbol Stamp[b] N/A wag 5-24-90
   Company
   P.O. Box 2000 — Authorization No.[b] N/A wag 5-24-90
   Address
   Spring City, TN. — Expiration Date[b] N/A wag 5-24-90
   City and State
4. Identification of System CCH RHR ASME-CLASS 2
5(A). Applicable Construction Code ASME 1973
   Edition JUNE 1973 Addenda N/A wag 5-24-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   Pipe Support 47A437-4-5 (8" ϕ Pipe) Located AZ 306 E57'-6" EL. 844'-2"
6(B). Name of Manufacturer N/A wag 5-24-90
   Address of Manufacturer (if known) N/A wag 5-24-90
6(C). Manufacturer's Serial Number N/A wag 5-24-90
6(D). National Board Number (if applicable) N/A wag 5-24-90
6(E). Other Identification (subassembly number, heat number, etc.) N/A wag 5-24-90
6(F). Year Built N/A wag 5-24-90
6(G). Repaired ☐ Replaced ☐[c] Replacement ☐[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
   Pipe Support Voided by DCN P-05699-A Removed Per K-P05699A-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐ wag 5-24-90
   Pressure N/A wag 5-24-90 psi Test Temperature N/A °F
9. Remarks:

(N/A wag 5-24-90) Applicable manufacturer's data report[e] to be attached.

Responsible Engr W.A. Snyder IMEA-NC Date 5-24-90
Organization

ANII B Farmer Date 11/1/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 5-24-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-131 JT 7-25-90
3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] N/A WOG 5-24-90
P.O. Box 2000
Address
Authorization No.[b] N/A WOG 5-24-90
Spring City, TN.
City and State
Expiration Date[b] N/A WOG 5-24-90
4. Identification of System 074 RHF ASME-CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A WOG 5-24-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
Pipe Support 74-1GHC-F77 (3/4" Pipe) Located 2'-3" E of A5 12'-6" N of V El. 682'-0"
6(B). Name of Manufacturer N/A WOG 5-24-90
Address of Manufacturer (if known) N/A WOG 5-24-90
6(C). Manufacturer's Serial Number N/A WOG 5-24-90
6(D). National Board Number (if applicable) N/A WOG 5-24-90
6(E). Other Identification (subassembly number, heat number, etc.) N/A WOG 5-24-90
6(F). Year Built N/A WOG 5-24-90
6(G). Repaired ☐ Replaced ☐[c] Replacement ☐[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
Pipe Support Voided by DCN P-0570HA Removed Per K-P056 99A-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐ WOG 5-24-90
Pressure N/A WOG 5-24-90 psi Test Temperature N/A °F
9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.
WOG 5-24-90
Responsible Engr W.A. Snyder MEA-NC Date 5-24-90
Organization

ANII B. Eamigh Date 11/1/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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APPENDIX D
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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 5-24-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-132 dt 7-25-90

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
Spring City, TN.
City and State

Type Code Symbol Stamp[b] N/A wag 5-24-90
Authorization No.[b] N/A wag 5-24-90
Expiration Date[b] N/A wag 5-24-90

4. Identification of System 074 RHR ASME-CLASS 2

5(A). Applicable Construction Code AISC 1973
Edition June 1973 Addenda N/A wag 5-24-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
Pipe Support 74-1RHR-R80 (3/4" ϕ Pipe) Located 10'-0" N of U 4'-0" W of A6 El. 682'-0"

6(B). Name of Manufacturer N/A wag 5-24-90
Address of Manufacturer (if known) N/A wag 5-24-90

6(C). Manufacturer's Serial Number N/A wag 5-24-90

6(D). National Board Number (if applicable) N/A wag 5-24-90

6(E). Other Identification (subassembly number, heat number, etc.) N/A wag 5-24-90

6(F). Year Built N/A wag 5-24-90

6(G). Repaired ☐ Replaced ☐[c] Replacement ☐[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
Pipe Support Voided by DCN P-05704A And Removed Per K-P05699A-1

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A wag 5-24-90 psi Test Temperature N/A wag 5-24-90 °F

9. Remarks:

(N/A wag 5-24-90) Applicable manufacturer's data report[e] to be attached.
Responsible Engr W.A. Gryder / MEA-NC Date 5-24-90
Organization

ANII B. Earnings Date 11/1/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 5-24-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-133 R1 7-25-90

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
Spring City, TN.
City and State
Type Code Symbol Stamp[b] N/A Wag 5-24-90
Authorization No.[b] N/A Wag 5-24-90
Expiration Date[b] N/A Wag 5-24-90

4. Identification of System CCH RHR ASME - CLASS 2

5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A Wag 5-24-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
Pipe Support 74-1EHE-R75 (3/4" ϕ Pipe) Located 7'-7½" E of A5 6'-3" S of V El. 681'-9"

6(B). Name of Manufacturer N/A Wag 5-24-90
Address of Manufacturer (if known) N/A Wag 5-24-90

6(C). Manufacturer's Serial Number N/A Wag 5-24-90

6(D). National Board Number (if applicable) N/A Wag 5-24-90

6(E). Other Identification (subassembly number, heat number, etc.) N/A Wag 5-24-90

6(F). Year Built N/A Wag 5-24-90

6(G). Repaired ☐ Replaced ☐[c] Replacement ☐[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
Pipe Support Voided by DCN P-05704A and Removed Per K-P05699A-1

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐ Wag 5-24-90
Pressure N/A Wag 5-24-90 psi Test Temperature N/A °F

9. Remarks:

(N/A Wag 5-24-90) Applicable manufacturer's data report[e] to be attached.

Responsible Engr W.A. Snyder — IMEA-NC Date 5-24-90
Organization

ANII B. Earngy Date 11/1/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 5-23-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-134 11 7-25-90
3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] N/A Wog 5-24-90
P.O. Box 2000
Address
Authorization No.[b] N/A Wog 5-23-90
SPRING CITY, TN.
City and State
Expiration Date[b] N/A Wog 5-23-90
4. Identification of System 074 RHR ASME-Class 2
5(A). Applicable Construction Code A1SC 1973
Edition June 1973 Addenda N/A Wog 5-23-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W 1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 74-1EHE-R155 (8" PIPE) LOCATED 11½" E of AH 7L 5¾" S & W El. 753'-3"
6(B). Name of Manufacturer N/A Wog 5-24-90
Address of Manufacturer (if known) N/A Wog 5-24-90
6(C). Manufacturer's Serial Number N/A Wog 5-24-90
6(D). National Board Number (if applicable) N/A Wog 5-24-90
6(E). Other Identification (subassembly number, heat number, etc.) N/A Wog 5-24-90
6(F). Year Built N/A Wog 5-24-90
6(G). Repaired ☐ Replaced ☐[c] Replacement ☐[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed. Wog 6-24-90
PIPE SUPPORT 74-1EHE-R155 ~~Voided Per DCA 5699 03-04-0506-0~~ Voided by DCN P05699A AND Removed Per K-P05699A-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐ Wog 5-24-90
Pressure N/A Wog 5-24-90 psi Test Temperature N/A °F
9. Remarks: _____

(N/A Wog 5-24-90) Applicable manufacturer's data report[e] to be attached.
Responsible Engr W.A. Wyatt IMEA-NC Date 5-24-90
Organization
ANII B. Eamigh Date 11/1/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

APPENDIX D
Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 5-24-90
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee
   Sheet[a] ____ of ____
   Unit 1
   Report Tracking No. 90-135 11 1.25-90
3. Work Performed by: TVA — Type Code Symbol Stamp[b] N/A Wog 5-24-90
   Company
   P.O. Box 2000 — Authorization No.[b] N/A Wog 5-24-90
   Address
   Spring City, TN — Expiration Date[b] N/A Wog 5-24-90
   City and State
4. Identification of System 074 RHR ASME-CLASS 2
5(A). Applicable Construction Code ALSC 1973
   Edition June 1973 Addenda N/A Wog 5-24-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   Pipe Support 74-1RHR-R66 (¾" ϕ Pipe) BP 2600-1.5 Clamp BP 2200-1.5 Strut A36 Plate
6(B). Name of Manufacturer TVA and Bergen Patterson Pipe Support Corp
   Address of Manufacturer (if known) Spring City, TN. and Woburn, Mass.
6(C). Manufacturer's Serial Number N/A Wog 5-24-90
6(D). National Board Number (if applicable) N/A Wog 5-24-90
6(E). Other Identification (subassembly number, heat number, etc.) N/A Wog 5-24-90
6(F). Year Built Support Modified 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☐[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
   Modify ~~Support~~ (Wog 5-24-90) Existing Pipe Support by Removing 1 Strut, 1 Clamp and 1 Plate & Anchors
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐ Wog 5-24-90
   Pressure N/A Wog 5-24-90 psi Test Temperature N/A °F
9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.

Wog 5-24-90 Responsible Engr W.A. Snyder — 1ST MEA-NC — Date 5-24-90
Organization

ANII B. Earnest — Date 11/1/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 7-25-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-136 87 7-26

3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] N/A RAP 7-25-9
P. O. Box 2000
Address
Authorization No.[b] N/A RAP 7-25 90
SPRING CITY, TN
City and State
Expiration Date[b] N/A RAP 7-25-90

4. Identification of System 003, AUX. FEED, ASME CLASS-2

5(A). Applicable Construction Code AISC 1973
Edition JUNE, 1973 Addenda N/A RAP 7-25-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
BP # 2600-L5 PIPE CLAMP # 03B-1AFW-R181
APPROX. 322°-30'AZ @ 65'-6 1/2" R AT EL. 750'

6(B). Name of Manufacturer BERGEN-PATERSON
Address of Manufacturer (if known) N/A RAP 7-25-90

6(C). Manufacturer's Serial Number N/A RAP 7-25-90

6(D). National Board Number (if applicable) N/A RAP 7-25-90

6(E). Other Identification (subassembly number, heat number, etc.) N/A RAP 7-25-90

6(F). Year Built SUPPORT MODIFIED 1990

6(G). Repaired ☐ Replaced ☒[c] Replacement ☐[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
REPLACED LOST BOLTING MATL. DURING DESIGN INSPECTION. TVA 575 # A026679 & A128948

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☒
Pressure N/A RAP 7-25-90 psi Test Temperature N/A RAP 7-25-90 °F

9. Remarks:

(N/A) Applicable manufacturer's data report to be attached.

RAP 7-25-90 Responsible Engr Richard A Pruffer / NC-MEA Date 7-25-90
Organization

ANII B. Earnest Date 5/8/96

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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DW 1/29/91

DOE 4/18/96

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Date 8/1/90

Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-137 H 8-13-90
Type Code Symbol Stamp[b] N/A
Authorization No.[b] N/A
Expiration Date[b] N/A

3. Work Performed by: TVA (Company)
Nuc Pr Mech. Maint. (Address)
Spring City, Tenn. (City and State)

4. Identification of System Sys. 62 Cl 2
5(A). Applicable Construction Code ASME Section III 1971
Edition 1971 Addenda Summer '73
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 Winter 1981 Addenda
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
Bolting for CC Pmp 1A-A Seal balance line, 5/8" studs - SA-564 TX630, Nuts - SA-194 Gr 6
6(B). Name of Manufacturer A. I. G Engineering Co. (studs); Cardinal (Nuts)
Address of Manufacturer (if known) Anaheim, Calif.; Las Vegas, Nev.
6(C). Manufacturer's Serial Number N/A
6(D). National Board Number (if applicable) N/A
6(E). Other Identification (subassembly number, heat number, etc.) Stud HT # 666818, Nuts HT # 507048
6(F). Year Built
6(G). Repaired ☐ Replaced ☒[c] Replacement ☐[d]
6(H). ASME Code Stamped Yes ☐ No ☑
7. Brief description of repair or replacement work performed.
Replaced bolting per MI-0.14
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure _____ psi Test Temperature ____ °F
9. Remarks: No Pressure Test Required, Leak Test will be performed by MR # A-591795.

( ) Applicable manufacturer's data report[e] to be attached.

Responsible Engr D Watson / Planning (Organization) Date 8/1/90

ANII B Eamigh Date 1/31/91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 8-1-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ___ of ___
Unit 1
Report Tracking No. 90-143
Type Code Symbol Stamp[b] N/A BWH
Authorization No.[b] N/A BWH 8/15/90
Expiration Date[b] N/A BWH 8/15/90
3. Work Performed by: Westinghouse *
Company
Waltz Mill Site
Address
Monroeville, PA 15230
City and State
4. Identification of System 68 Reactor Coolant
5(A). Applicable Construction Code ASME III 19 71
Edition 1971 Section III Addenda Summer 1971
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980/W81
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
Steam Generator tubing; 3/4" x .043" Inconel 600 (SB-163) tubing
6(B). Name of Manufacturer Westinghouse Electric
Address of Manufacturer (if known) Tampa, Fla.
6(C). Manufacturer's Serial Number 1591 (SG1), 1593 (SG3) and 1594 (SG4)
6(D). National Board Number (if applicable) W10288 (SG1), W10288 (SG3), and W10289 (SG4)
6(E). Other Identification (subassembly number, heat number, etc.) SG #1, 3, and 4
6(F). Year Built 1975
6(G). Repaired ■ ** Replaced ■[c] ** Replacement □[d]
6(H). ASME Code Stamped Yes ■ No □
7. Brief description of repair or replacement work performed.
Remove existing tube plugs and install new plugs: SG1 R20 C11; SG3 R29 C38; SG4 R49 C11; SG4 R49 C65; SG4 R23 C72; SG4 R49 C72; Plug one new tube SG1 R10 C22
8. Tests Conducted: Hydrostatic □ Pneumatic □
Nominal operating pressure □ Other ■ NONE REQ'D
Pressure ___ psi Test Temperature ___ °F
9. Remarks: * Work performed by W to TVA's Repair/replacement program
** SG1 R10 C22 is a repair, all others are replacements

( ) Applicable manufacturer's data report[e] to be attached.

Responsible Engr Randy Smith 1NSSS/SG Date 8-1-90
Organization

ANII B. Eamigh Date 8/22/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

(Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
(Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Date 8/28/90

Sheet[a] 1 of 1
Unit 1
Report Tracking No. 90-144 8/28/90

Work Performed by: TVA
Company
P.O. Box 800
Address
SPRING CITY, TN
City and State

Type Code Symbol Stamp[b] N/A BHH 8/28/90
Authorization No.[b] N/A BHH 8/28/90
Expiration Date[b] N/A BHH 8/28/90

Identification of System (068) REACTOR COOLANT

A). Applicable Construction Code ASME SEC. III 19 71
Edition 1971 Addenda SUMMER 71 (CODE CLASS 1)

B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980, WINTER 81

A). Name of Component(s) and description (include size, capacity, terial, and location as needed to aid in identification)
STEAM GENERATOR, PRIMARY MANWAY.
N/A BHH 1/30/92

B). Name of Manufacturer WESTINGHOUSE ELECTRIC CORP
Address of Manufacturer (if known) TAMPA, FLORIDA

C). Manufacturer's Serial Number BHH 8/28/90 1591 (SG#1) 1592 (SG#2) 1593 (SG#3) 1594 (SG#4)

D). National Board Number (if applicable) W10286, W10287, W10288, W10289

E). Other Identification (subassembly number, heat number, etc.)
STEAM GENERATOR 1, 2, 3, AND 4

F). Year Built 1975

G). Repaired ☐ — Replaced ☐[c] Replacement ☑[d]

H). ASME Code Stamped Yes ☑ No ☐

Brief description of repair or replacement work performed.
MODIFIED PRIMARY MANWAY INSERT AND FLANGE TO ACCOMMODATE LARGER INSERT FASTENERS

Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☑ NONE REQUIRED
Pressure _____ psi Test Temperature _____ °F

Remarks: WORK PERFORMED BY TVA MECH MAINT PER WORK PLAN K-006847A-1.
REFERENCES: DCN No. 0-06847-A, W FCN WATM-10778
D/P 2/1/92

( ) Applicable manufacturer's data report[e] to be attached.

Responsible Engr B.H. Hoopes / ESS Date 8/28/90
Organization

ANII B. Eamigh Date 2/25/92

heet Nos. filled in by Testing and Diagnostic Programs Branch.
or work performed by certificate holder
eplaced (like or equivalent).
eplacement (modification).
hen required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 8/27/90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
3. Work Performed by: TVA
Company
Report Tracking No. 90-145 AI 8-28-90
Type Code Symbol Stamp[b] N/A RLO 8/27/90
P.O. BOX 2000
Address
Authorization No.[b] N/A RLO 8/27/90
SPRING CITY, TENN.
City and State
Expiration Date[b] N/A RLO 8/27/90
4. Identification of System 062 CHEMICAL VOLUMN CONTROL
5(A). Applicable Construction Code ASME SECTION XI 1980
Edition THROUGH 1981 WINTER Addenda N/A RLO 8/27/90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - WINTER 1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 1062-1-62A-305, REACTOR BLDG. #1, ACCUM. RM #2.
). Name of Manufacturer BERGEN PATERSON PIPE SUPPORT CORP.
Address of Manufacturer (if known) 10 FORBES RD., BRAINTREE, MASS.
6(C). Manufacturer's Serial Number S/N 15450
6(D). National Board Number (if applicable) N/A RLO 8/27/90
6(E). Other Identification (subassembly number, heat number, etc.) PSA-3 SNUBBER
6(F). Year Built UNKNOWN
6(G). Repaired ☐ Replaced ☐[c]
6(H). ASME Code Stamped Yes ☐ Replacement ☒[d] RLO 9/17/90
No ☐
7. Brief description of repair or replacement work performed.
SUPPORT WAS DELETED PER DCN # P-04719-A, WORK PLAN K-P04719A-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure _____ psi Test Temperature _____ °F
9. Remarks: _____

(N/A) Applicable manufacturer's data report[e] to be attached.

Responsible Engr Ronnie O'Kelley / MEA Date 8/27/90
Organization

ANII B. Eamigh Date 10/1/90

ANI
ANII

[a] Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b] For work performed by certificate holder
[c] Replaced (like or equivalent).
[d] Replacement (modification).
[e] When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 9-19-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-146 ST 9-19-90
3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] N/A
WATTS BAR NUCLEAR PLANT
Address
Authorization No.[b] N/A (N-1480-1)
SPRING CITY, TN. 37381
City and State
Expiration Date[b] ~~9-25-90~~ N/A 8-6-91
4. Identification of System 063 (SAFETY INJECTION) - ASME CLASS 2
5(A). Applicable Construction Code ASME SECTION III 19 74
Edition THROUGH Addenda WINTER 1975
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 W 1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
UNIT 1 REFUELING WATER STORAGE TANK.
6(B). Name of Manufacturer PITTSBURGH-DES MOINES STEEL COMPANY
Address of Manufacturer (if known) PITTSBURGH, PENNSYLVANIA
6(C). Manufacturer's Serial Number S.N. - 56039
6(D). National Board Number (if applicable) 1034
6(E). Other Identification (subassembly number, heat number, etc.) N/A
6(F). Year Built N/A
6(G). Repaired ☑ Replaced ☐[c] Replacement ☐[d]
6(H). ASME Code Stamped Yes ☑ No ☐
7. Brief description of repair or replacement work performed.
REPAIRED A WELD PER WORKPLAN C-WBP900186-1.
NDE INSPECTIONS: N-VT-3, N-PT-9, RT-10.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
N/A Nominal operating pressure ☐ Other ☐
Pressure ____ psi Test Temperature ____ °F
9. Remarks: PRESSURE TEST WILL BE PERFORMED UNDER WORKPLAN M5709-1.

( ) Applicable manufacturer's data report[e] to be attached.
Responsible Engr L. A. Toney / NC-WEU Date 9-19-90
Organization
ANII B Eamy Date 9/26/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 9-20-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-147

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN
City and State
Type Code Symbol Stamp[b] N/A 9-20-90
Authorization No.[b] N/A 9-20-90
Expiration Date[b] N/A 9-20-90

4. Identification of System 01-MAIN ST. BYPASS ASME-CLASS 2

5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A 9-20-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT # 1001-A400-11-26 N/VALVE RM, ELEV. 734'-7", 1'-11½" N/X, 2'-10" E/A1
2" ø PIPE

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number NA 9-20-90

6(D). National Board Number (if applicable) N/A 9-20-90

6(E). Other Identification (subassembly number, heat number, etc.)
NA 9-20-90

6(F). Year Built SUPPORT VOIDED - 1990

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
SUPPORT DELETED PER WP-K-K06015A-1
LARRY BLANSIT NOTIFIED SUPPORT REMOVED 9-20-90

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☒ * 9-20-90
Pressure N/A 9-20-90 psi Test Temperature N/A °F

9. Remarks: * VIBRATION TEST # T1-103.68.01

(N/A) Applicable manufacturer's data report[e] to be attached.
9-20-90
Responsible Engr [signature] / MEA-NC Date 9-20-90
Organization
B. Earnigh 12/8/95
ANII ~~N/A~~ ~~11/21/91~~ Date N/A BME 12/8/95

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code

47A400-11-33 1D77-321-03-200-8 47A400-11-28 47A400-11-30

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 9-20-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-148

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN
City and State
Type Code Symbol Stamp[b] N/A 9-20-90
Authorization No.[b] N/A 9-20-90
Expiration Date[b] N/A 9-20-90

4. Identification of System D1-MAIN ST. B/P ASME-CLASS 2

5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A 9-20-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981

. Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT # 1001-A400-11-28, N VALVE RM., 1'-11" N/X, 1'-7" W/AI, ELEV. 734'- 2" ø PIPE

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number N/A 9-20-90

6(D). National Board Number (if applicable) N/A 9-20-90

6(E). Other Identification (subassembly number, heat number, etc.) N/A 9-20-90

6(F). Year Built SUPPORT VOIDED 1990

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
SUPPORT DELETED PER K-K06015A-1
LARRY BLANSIT NOTIFIED SUPPORT REMOVED 9-20-90

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☒ * 9-20-90
Pressure N/A 9-20-90 psi Test Temperature N/A °F

9. Remarks: * VIBRATION TEST # TI 103.68.01

(N/A) Applicable manufacturer's data report[e] to be attached.

-20-90 Responsible Engr [signature] / MEA-NC Date 9-20-90
Organization
B Earnigh 12/8/95
ANII ~~N/A~~ 11/20/91 Date N/A PME 12/8/95

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1D77-321-03-200-8
47A400-11-B0

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent)

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 9-20-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-149

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN
City and State
Type Code Symbol Stamp[b] N/A 9-20-90
Authorization No.[b] N/A 9-20-90
Expiration Date[b] N/A 9-20-90

4. Identification of System DI-MAIN ST. B/P ASME-CLASS 2

5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A 9-20-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981

Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT# 1001-A400-11-30, ELEV. 733'-0", 2'-2" N/X, 9 1/2" E/A1, 2" ø PIPE

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number N/A 9-20-90

6(D). National Board Number (if applicable) N/A 9-20-90

6(E). Other Identification (subassembly number, heat number, etc.)
N/A 9-20-90

6(F). Year Built SUPPORT VOIDED 1990

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
SUPPORT DELETED PER K-K06015A-1
LARRY BLANSIT NOTIFIED SUPPORT REMOVED 9-20-90

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☒ *
Pressure N/A 9-20-90 psi Test Temperature N/A °F

9. Remarks: * VIBRATION TEST #T1 - 103.68.01

(N/A) Applicable manufacturer's data report[e] to be attached.

Responsible Engr [signature] 9-20-MEA-NC Date 9-20-90
Organization
9-20-90

ANII ~~N/A 11-22-91~~ N/A Date
B Earnigh 12/8/95 Bmt 12/8/95

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1D77-321-03-200-8

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 9-20-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-150

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN
City and State
Type Code Symbol Stamp[b] N/A 9-20-90
Authorization No.[b] N/A 9-20-90
Expiration Date[b] N/A 9-20-90

4. Identification of System 01-MAIN ST. BYPASS ASME-CLASS 2

5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A 9-20-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT # 1001-A400-11-33, ELEV. 731'-0", 2" N/X, 5'5" E/A1
2"ϕ PIPE

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number NA 9-20-90

6(D). National Board Number (if applicable) N/A 9-20-90

6(E). Other Identification (subassembly number, heat number, etc.) NA 9-20-90

6(F). Year Built SUPPORT VOIDED - 1990

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒ *

7. Brief description of repair or replacement work performed.
SUPPORT DELETED PER K-K06015A-1
LARRY BLANSIT NOTIFIED SUPPORT REMOVED 9-20-90

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☒ *
Pressure N/A 9-20-90 psi Test Temperature N/A °F

9. Remarks: * VIBRATION TEST # TI-103.6B.01

(N/A) Applicable manufacturer's data report[e] to be attached.

Responsible Engr [signature] IMEA-NC Date 9-20-90
Organization

ANII ~~N/A~~ ~~11-22-91~~ N/A ATTE 12/8/95 Date ____
B Earnigh 12/8/95

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 9-22-90
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-153 KHV
3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN
City and State
Type Code Symbol Stamp[b] N/A ~~9-22-90~~
Authorization No.[b] N/A ~~9-22-90~~
Expiration Date[b] N/A ~~9-22-90~~
4. Identification of System 62, CVCS ASME-CLASS 2 (4"ϕ PIPE)
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A ~~9-22-90~~
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 1062-62-1CVC-R52, Aux. Bldg., EL. EL 713'-0", 5'-11" N. of T, 8'-0" E. of A5
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TENN.
6(C). Manufacturer's Serial Number Snubbers, SN-10646 & SN-2916
6(D). National Board Number (if applicable) N/A ~~9-22-90~~
6(E). Other Identification (subassembly number, heat number, etc.) ~~9-22-90~~ N/A PSA-1
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
Modify existing pipe support under Workplan K-P04729A-1
N/A fw 2-L-92
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A ~~9-22-90~~ psi Test Temperature N/A ~~9-22-90~~ °F
9. Remarks:
N/A ~~9-22-90~~
(N/A) Applicable manufacturer's data report[e] to be attached.
~~9-22-90~~
Responsible Engr [signature] MEA-NC Date 9-22-90
Organization
ANII [signature] Date 4-10-92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 9-15-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-154

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN
City and State
Type Code Symbol Stamp[b] N/A (BN) 8-29-91
Authorization No.[b] N/A JPN 9-15-90
Expiration Date[b] N/A JPN 9-15-90

4. Identification of System 062-CVCS; ASME-CLASS 2

5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A JPN 9-15-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT ~~1062-1CVC-V181~~ JPN 9-15-90: WELDLESS EYENUT (3/8" TAP), THRDED ROD & NUTS 1062-62-1CVC-V181

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN

6(C). Manufacturer's Serial Number N/A JPN 9-15-90

6(D). National Board Number (if applicable) N/A JPN 9-15-90

6(E). Other Identification (subassembly number, heat number, etc.)
SA 307 GR A THRDED. ROD & SA563 GR A NUTS

6(F). Year Built 1990

6(G). Repaired ☐ Replaced ☒[c] Replacement ~~☒~~[d] JPN 9-15-90

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
REPLACED WELDED EYE ROD W/ WELDLESS EYE NUT, THREADED ROD, AND NUTS

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A JPN 9-15-90 psi Test Temperature N/A JPN 9-15-90 °F

9. Remarks: COMPONENT 1062-62-1CVC-V181 (BN) 8-29-91
WORKPLAN M-5802-3 (BN) 8-29-91
N/A GW 1-29-92

(N/A) Applicable manufacturer's data report[e] to be attached.
JPN 9-15-90
Responsible Engr. Joseph P. Niemann / NC-MEA Date 9-24-90
Organization
B. Earnest 4/8/96 BME 4/8/96
ANII ~~N/A~~ ~~3-5-92~~ Date ____

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 9-15-90
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee
   Sheet[a] ____ of ____
   Unit 1
   Report Tracking No. 90-155
3. Work Performed by: TVA — Type Code Symbol Stamp[b] ____
   Company
   P.O. Box 2000 — Authorization No.[b] N/A JPN 9-15-90
   Address
   SPRING CITY, TN — Expiration Date[b] N/A JPN 9-15-90
   City and State
4. Identification of System 063-SIS; ASME-CLASS 2
5(A). Applicable Construction Code AISC 1973
   Edition JUNE 1973 Addenda N/A JPN 9-15-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W19P1
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   PIPE SUPPORT 1063-63-1SIS-V44: EYE NUT (3/4"TAP); 3/4" THRD. ROD & NUTS
   N/A GW 1-27-92
6(B). Name of Manufacturer TVA
   Address of Manufacturer (if known) SPRING CITY, TN
6(C). Manufacturer's Serial Number N/A JPN 9-15-90
6(D). National Board Number (if applicable) N/A JPN 9-15-90
6(E). Other Identification (subassembly number, heat number, etc.)
   SA563 GRA NUTS & A193 GR B7 ROD
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☒[c] Replacement ☒[d] JPN 9-15-90
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
   REPLACED WELDED EYEROD WITH THREADED ROD, NUTS, AND A WELDLESS EYENUT
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐
   Pressure N/A JPN 9-15-90 psi Test Temperature N/A JPN 9-15-90 °F
9. Remarks: SPRING CAN SETTING LATER REF. OWIN 1-000-M-5778.
   N/A GW 1-27-92

(N/A) Applicable manufacturer's data report[e] to be attached.
N/A JPN 9-15-90
Responsible Engr Joseph P. Nieman / NC-MEA Date 8-24-90
Organization

ANII [signature] Date 3/5/92

[a] Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b] For work performed by certificate holder
[c] Replaced (like or equivalent).
[d] Replacement (modification).
[e] When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 9-15-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-156

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN
City and State
Type Code Symbol Stamp[b] N/A
(TSN) 8-30-91
Authorization No.[b] N/A JAN 9-15-90
Expiration Date[b] N/A JAN 9-15-90

4. Identification of System 072-CS; ASME-CLASS

5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A JAN 9-15-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 1072-72-1CS-R11: BP274 WELDED (LESS JAN 9-15-90) EYE NUT (7/8" TAP), 7/8" THRDED ROD & NUTS

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN

6(C). Manufacturer's Serial Number N/A JAN 9-15-90

6(D). National Board Number (if applicable) N/A JAN 9-15-90

6(E). Other Identification (subassembly number, heat number, etc.)
SA194 GR2H NUTS & A36 ROD

6(F). Year Built 1990

6(G). Repaired ☐ Replaced ☒[c] Replacement ☒[d] JAN 9-15-90

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
REPLACED WELDED EYE ROD WITH WELDLESS EYE NUT, THREADED ROD, AND NUTS

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A JAN 9-15-90 psi Test Temperature N/A JAN 9-15-90 °F

9. Remarks: WP# M-5802-3 (TSN) 8-30-91, COMPONENT 72-1CS-R11 (TSN) 8-30-91

N/A GW 1-27-92

(N/A) Applicable manufacturer's data report[e] to be attached.
JAN 9-15-90
Responsible Engr Joseph P. Nieman / NC-MEA Date 9-24-90
Organization

ANII [signature] Date 3/5/92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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1070-70-1CC-R160
1063-63-1SIS-R180

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT Page IX-1268w 2-7-92

1. (Owner) TENNESSEE VALLEY AUTHORITY Date 8-20-90
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000 Sheet[a] ____ of ____
Spring City, Tennessee Unit 1
Report Tracking No. 90-157
3. Work Performed by: TVA Type Code Symbol Stamp[b] ____
Company
P.O. Box 2000 Authorization No.[b] N/A ~~JPN~~ 8-20-90
Address
SPRING CITY, TN. Expiration Date[b] N/A ~~JPN~~ 8-20-90
City and State
4. Identification of System 063, SIS, ASME-CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A ~~JPN~~ 8-20-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W 1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 1063-63-1SIS-R196, B-P PART NO. 2600-1.5 (FOR 3"Ø PIPE)
N/A GW 1-28-92
6(B). Name of Manufacturer TVA & BERGEN PATERSON PIPE SUPPORT CORP.
Address of Manufacturer (if known) SPRING CITY, TN. & WOBUR, MASS.
6(C). Manufacturer's Serial Number N/A ~~JPN~~ 8-20-90
6(D). National Board Number (if applicable) N/A ~~JPN~~ 8-20-90
6(E). Other Identification (subassembly number, heat number, etc.) ____
B-P PART NO. 2600-1.5 FOR 3"Ø CLAMP
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☒[c] Replacement ☐[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
CHANGED OUT PIPE CLAMP.
N/A GW 1-28-92
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A ~~JPN~~ 8-20-90 psi Test Temperature N/A ~~JPN 8-20-90~~ °F
9. Remarks:
N/A GW 1-28-92

(N/A) Applicable manufacturer's data report[e] to be attached.
Responsible Engr ~~Joseph P. Nema~~ / NC-MEA Date ~~3-6-92~~ 9-24-90 JPN
Organization

ANII [signature] Date 3-5-92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

WORKPLAN M5802-3
~~134~~ JW 2-7-94

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Date 9-15-90

Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-159

3. Work Performed by: TVA (Company)
P.O. Box 2000 (Address)
SPRING CITY, TN (City and State)

Type Code Symbol Stamp[b] ____
Authorization No.[b] N/A JAN 9-15-90
Expiration Date[b] N/A JAN 9-15-90

4. Identification of System 062-CVCS; ASME-CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A JAN 9-15-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 1062-1-62A-373: BP 6101 3" PIPE CLAMP, W4X13, & 1/4" PL
N/A GW 1-28-92
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN
6(C). Manufacturer's Serial Number N/A JAN 9-15-90
6(D). National Board Number (if applicable) N/A JAN 9-15-90
6(E). Other Identification (subassembly number, heat number, etc.)
BP6101; HT. # 6-5087 (W4X13); HT. 411P3471 (1/4" PL)
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☒[c] Replacement ☒[d] JAN 9-15-90
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
REPLACE PIPE CLAMP AND WELDED ATTACHMENTS (PL & WIDE FLANGE) TO PIPE CLAMP
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A JAN 9-15-90 psi Test Temperature N/A JAN 9-15-90 °F
9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.

JAN 9-15-90 Responsible Engr Joseph P. Nuina / NC-MEA Date 9-24-90
Organization

ANII [signature] Date 3-5-92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

11063-1-63-79

WORK PLAN M-5802-3
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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 9-15-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-159
3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] ____
P.O. Box 2000
Address
Authorization No.[b] N/A JAN 9-15-90
SPRING CITY, TN
City and State
Expiration Date[b] N/A JAN 9-15-90
4. Identification of System 063-SIS ASME-CLASS 1
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A JAN 9-15-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 1063-1-63-79: PSA-3, BP2003-3 SNUB JAN 9-15-90
N/A GW 1-28-92
6(B). Name of Manufacturer TVA & BERGEN-PATERSON PIPE SUPPORT CORP.
Address of Manufacturer (if known) SPRING CITY, TN & WOBURN, MASS.
6(C). Manufacturer's Serial Number N/A JAN 9-15-90 9-15-90 S/N-14737
6(D). National Board Number (if applicable) N/A JAN 9-15-90
6(E). Other Identification (subassembly number, heat number, etc.)
PSA-3 SNUBBER & BP2003-3 REAR BRACKET
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☒ Replacement ☒[d] JAN 9-15-90
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
REPLACED SNUBBER & REAR BRACKET
N/A GW 1-28-92
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A JAN 9-15-90 psi Test Temperature N/A JAN 9-15-90 °F
9. Remarks: NONE

(N/A) Applicable manufacturer's data report[e] to be attached.
JAN 9-15-90
Responsible Engr Joseph P. Nemec / NC-MEA Date 9-24-90
Organization

ANII _____ Date 3/7/92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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MR # A-622004

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 9/27/90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-168

3. Work Performed by: T.V.A.
Company
Type Code Symbol Stamp[b] N/A JEH 9/27/90

P.O. Box 2000
Address
Authorization No.[b] N/A JEH 9/27/90

SPRING CITY TN. 37381
City and State
Expiration Date[b] N/A JEH 9/27/90

4. Identification of System R.H.R SYSTEM 74

5(A). Applicable Construction Code ASME SECTION III 19 71
Edition THROUGH SUMMER Addenda 1973

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980/w81

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
3" RELIEF VALVE, ELEVATION 718' AUX. BLDG.

6(B). Name of Manufacturer CROSBY

Address of Manufacturer (if known) CROSBY VALVE & GAGE CO. WRENTHAM MA. 02093

6(C). Manufacturer's Serial Number N56904-00-0006

6(D). National Board Number (if applicable) N/A JEH 9/27/90

6(E). Other Identification (subassembly number, heat number, etc.)
SHOP # N56904, STYLE JB-35, TD-WRB 400°F 900 GPM WATER, MK# 3RV 76LWB

6(F). Year Built 1975

6(G). Repaired ☐ Replaced ☑[c] Replacement ☐[d]

6(H). ASME Code Stamped Yes ☑ No ☐

7. Brief description of repair or replacement work performed.
USED UNIT TWO VALVE TO REPLACE UNIT ONE VALVE / 1-RFV-74-505 REPLACED WITH 2-RFV-74-505

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☑ QW 3/26/92
Pressure 450 QW 3/24/92 psi Test Temperature 400 °F

9. Remarks: SI 4.0.5 SR performed to set relief pressure.

( ) Applicable manufacturer's data report[e] to be attached.

Responsible Engr D Waters / Maint. Date 9/27/90
Organization

ANII _____ Date 3-28-92.

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Date 10/1/90

Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-164

3. Work Performed by: T.V.A.
Company
PO BOX 2000
Address
SPRING CITY TN. 37381
City and State

Type Code Symbol Stamp[b] N/A-LEH 10/1/90
Authorization No.[b] N/A-LEH 10/1/90
Expiration Date[b] N/A-LEH 10/1/90

4. Identification of System SYSTEM 74, R.H.R.
5(A). Applicable Construction Code ASME SECTION III 1971
Edition THROUGH SUMMER Addenda 1973
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980/W81
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
ALL THREAD STUD, 1.125 X 8UNC ROD, SA 564 TYPE 630, ASME SECTION III CLASS II. USED ON LOWER FLANGE OF STARTUP STRAINER SUPPLIED FOR RHR PUMP 1B-B
6(B). Name of Manufacturer VARIOUS LEH 10/3/90 A&G ENGINEERING CO
Address of Manufacturer (if known) VARIOUS LEH 10/3/90 4640 E LAPALMA AVENUE, ANAHEIM CA. 92806
6(C). Manufacturer's Serial Number VARIOUS LEH 10/3/90 N/A-LEH 10/3/90
6(D). National Board Number (if applicable) N/A-LEH 10/3/90
6(E). Other Identification (subassembly number, heat number, etc.) HEAT NUMBER KVA LEH 10/3/90 97992, HEAT CODE KVA
6(F). Year Built VARIOUS LEH 10/3/90 N/A-LEH 10/3/90
6(G). Repaired ☐ Replaced ☒[c] Replacement ☐[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
REPLACE ONE STUD WITH A LONGER STUD SO FULL THREAD ENGAGEMENT CAN BE ACHIEVED.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
*Nominal operating pressure ☒ Other ☐
Pressure _____ psi Test Temperature ____ °F
9. Remarks: * Leak check will be performed on MR# A591795.

( ) Applicable manufacturer's data report[e] to be attached.

Responsible Engr D Walton / Maint. Date 10/3/90
Organization

ANII [signature] Date 1/11/91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

SEP 21 1990 Issued by SmL

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 10-15-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] 1 of 2
Unit 1
3. Work Performed by: TVA
Company
Report Tracking No. 90-172 AT 10-27-90
P.O. Box 2000
Address
Type Code Symbol Stamp[b] N/A
Spring City, TN
City and State
Authorization No.[b] N/A Waq 10-15-90
Expiration Date[b] N/A Waq 10-15-90
4. Identification of System 74 RHR & 63515 ASME - Class 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A Waq 10-15-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W81
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
Pipe Supports See Sheet 2
6(B). Name of Manufacturer N/A Waq 10-15-90
Address of Manufacturer (if known) N/A Waq 10-15-90
6(C). Manufacturer's Serial Number N/A Waq 10-15-90
6(D). National Board Number (if applicable) N/A Waq 10-15-90
6(E). Other Identification (subassembly number, heat number, etc.)
See Sheet 2
6(F). Year Built N/A Waq 10-15-90
6(G). Repaired ☐ Replaced ☐[c] Replacement ☐[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
Pipe Supports Voided by DCN's P-05698, P-0500 & P-05701 And Removed Per W.P. K- P05698A-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A Waq 10-15-90 psi Test Temperature N/A Waq 10-15-90 °F
9. Remarks:

( ) Applicable manufacturer's data report[e] to be attached.

Responsible Engr W.A. Hyndse / MEA-NC Date 10-15-90
Organization

ANII B. Earngy Date 11/6/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 10-13-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
3. Work Performed by: TVA
Company
Report Tracking No. 90-173 10-21-90
Type Code Symbol Stamp[b] N/A
PO Box 2000
Address
Authorization No.[b] N/A WOG 10-13-90
Spring City, TN.
City and State
Expiration Date[b] N/A WOG 10-13-90
4. Identification of System 74RHR&63515
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A WOG 10-13-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W81
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
Pipe Support 63-1515-R24 (2" ϕ Pipe) Located 8'-7" S of W 3'-10" W of A5 El. 730'-6½"
6(B). Name of Manufacturer N/A WOG 10-13-90
Address of Manufacturer (if known) N/A WOG 10-15-90
6(C). Manufacturer's Serial Number N/A WOG 10-15-90
6(D). National Board Number (if applicable) N/A WOG 10-13-90
6(E). Other Identification (subassembly number, heat number, etc.) N/A WOG 10-13-90
6(F). Year Built N/A WOG 10-13-90
6(G). Repaired ☐ Replaced ☒[c] Replacement ☐[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
Pipe Support Removed in Error Reinstalled Per DCN F-11632A & DCN F-11632B Per WP K-P05698A-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐ WOG 10-12-90
Pressure N/A WOG 10-5-90 psi Test Temperature N/A °F
9. Remarks: _____

( ) Applicable manufacturer's data report[e] to be attached.

Responsible Engr W.A. Pindale / MEA NC Date 10-15-90
Organization

ANII B. Eamon Date 11/6/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 7-27-90
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee
   Sheet[a] ____ of ____
   Unit 1
   Report Tracking No. 90-174 IT 10-27-90
3. Work Performed by: TVA — Type Code Symbol Stamp[b] N/A REN 7-27-90
   Company
   PO Box 2000 — Authorization No.[b] N/A REN 7-27-90
   Address
   Spring City, Tenn. — Expiration Date[b] N/A REN 7-27-90
   City and State
4. Identification of System 062 ASME Class 2
5(A). Applicable Construction Code AISC 1973
   Edition June 1973 Addenda N/A REN 7-27-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   Pipe Support 62-1CVC-R217 Elev 727 0" 4'8½" (N) of w Line 5'9¾" (E) of A4 Line
6(B). Name of Manufacturer N/A REN 7-27-90
   Address of Manufacturer (if known) N/A REN 7-27-90
6(C). Manufacturer's Serial Number N/A REN 7-27-90
6(D). National Board Number (if applicable) N/A REN 7-27-90
6(E). Other Identification (subassembly number, heat number, etc.) N/A REN 7-27-90
6(F). Year Built N/A REN 7-27-90
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
   Modified By WP KP04735A-1 DCN P.04735A
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐
   Pressure N/A REN 7-27-90 psi Test Temperature N/A REN 7-27-90 °F
9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.
REN 7-27-90
Responsible Engr Ronnie Hallaway / MEA NC — Date 7-27-90
Organization

ANII B. Eamigh — Date 11/2/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]To be filled in by certificate holder (not required for repairs or replacements).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 11-1-90
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee
   Sheet[a] ____ of ____
   Unit 1
   Report Tracking No. 90-175 1410-27-90
3. Work Performed by: TVA — Type Code Symbol Stamp[b] N/A REH 7-27-90
   Company
   PO Box 2000 — Authorization No.[b] N/A REH 7-27-90
   Address
   SPRING City Tenn. — Expiration Date[b] N/A REH 7-27-90
   City and State
4. Identification of System 062 ASME CLASS 2
5(A). Applicable Construction Code AISC 1973
   Edition June 1973 Addenda N/A REH 7-27-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   Pipe Support 62-1CUC-R11 REF ELEV 728'6" 6'7⅝"(N) of W 6'6⅜" (E) AA
6(B). Name of Manufacturer N/A REH 7-27-90
   Address of Manufacturer (if known) N/A REH 7-27-90
6(C). Manufacturer's Serial Number N/A REH 7-27-90
6(D). National Board Number (if applicable) N/A REH-7-27-90
6(E). Other Identification (subassembly number, heat number, etc.) N/A REH 7-27-90
6(F). Year Built N/A REH 7-27-90
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
   Modified By WP-KP047354-1 & DCN P-04735B
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐
   Pressure N/A REH 7-27-90 psi Test Temperature N/A REH 7-27-90 °F
9. Remarks:

(N/A REH 7-27-90) Applicable manufacturer's data report[e] to be attached.

Responsible Engr Dennis Holloway IMEA-NC Date 7-27-90
Organization

ANII B. Emmyl Date 11/2/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by [illegible]
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 7-27-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-176 1410-27-90

3. Work Performed by: TVA
Company
PO Box 2000
Address
SPRING CITY, TN.
City and State
Type Code Symbol Stamp[b] N/A REH 7-27-90
Authorization No.[b] N/A REH 7-27-90
Expiration Date[b] N/A REH 7-27-90

4. Identification of System 062 ASME CLASS ~~B~~ 2 REH 7-27-90

5(A). Applicable Construction Code AISC 1973
Edition June 1973 Addenda N/A REH 7-27-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
Pipe Support 62-1CVC-R213 Elev Ref 727.00 6'7 1/8" North of (W) Line 6'6 3/8" East of A4 Line

6(B). Name of Manufacturer N/A REH 7-27-90
Address of Manufacturer (if known) N/A REH 7-27-90

6(C). Manufacturer's Serial Number N/A REH 7-27-90

6(D). National Board Number (if applicable) N/A REH 7-27-90

6(E). Other Identification (subassembly number, heat number, etc.) N/A REH 7-27-90

6(F). Year Built N/A REH 7-27-90

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
Modified by Work ~~PAGE~~ PLAN KPO4735A-1 DCN P-04735B
RHB 11-1-90

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A REH 7-27-90 psi Test Temperature N/A REH 7-27-90 °F

9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.
REH 7-27-90
Responsible Engr [signature] / MEA-NC Date 7-27-90
Organization

ANII [signature] Date 11/2/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 7-27-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-177 JH 10-27-90

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TENN.
City and State
Type Code Symbol Stamp[b] N/A REH 7-27-90
Authorization No.[b] N/A REH 7-27-90
Expiration Date[b] N/A REH 7-27-90

4. Identification of System 062 ASME CLASS 2

5(A). Applicable Construction Code AISC 1973
Edition June 1973 Addenda N/A REH 7-27-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
Pipe Support 62-1CUC-R215 Elev 728'6" 4'10 1/8" N of W
5'5 1/16 E of A4

6(B). Name of Manufacturer N/A REH 7-27-90
Address of Manufacturer (if known) N/A REH 7-27-90

6(C). Manufacturer's Serial Number N/A REH 7-27-90

6(D). National Board Number (if applicable) N/A REH 7-27-90

6(E). Other Identification (subassembly number, heat number, etc.)
N/A REH 7-27-90

6(F). Year Built N/A REH 7-27-90

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
Modified BY WP KP04735A-1 DCN P-04735-A

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A REH 7-27-90 psi Test Temperature N/A REH 7-27-90 °F

9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.
REH 7-27-90
Responsible Engr Ronnie Hallway IMEA NC Date 7-27-90
Organization

ANII B. Earnigh Date 11/2/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

Date 11-07-90

1. (Owner) TENNESSEE VALLEY AUTHORITY
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee

Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-180 11-7-90
Type Code Symbol Stamp[b] N/A 11/7/90
Authorization No.[b] N/A 11/7/90
Expiration Date[b] N/A 11/7/90

3. Work Performed by: T.V.A (Company)
   P.O. BOX 2000 (Address)
   SPRING CITY, TENNESSEE (City and State)
4. Identification of System 062, CVCS ASME-CLASS 2
5(A). Applicable Construction Code AISC 1973
   Edition JUNE, 1973 Addenda N/A 11-7-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 — W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification) PIPE SUPPORT 1062-A406-2-12; BP 2015-0.7 STRUT; 3/4"-PIPE AUXILIARY BLDG.; ELEV. 728'; A4-E U-COLUMN LINES.
6(B). Name of Manufacturer TVA AND BERGEN-PATERSON PIPE SUPPORT CORP.
   Address of Manufacturer (if known) SPRING CITY, TN. & WOBURN, MASS.
6(C). Manufacturer's Serial Number NO SERIAL NO. ASSIGNED TO ITEM.
6(D). National Board Number (if applicable) N/A 11-7-90
6(E). Other Identification (subassembly number, heat number, etc.)
   B-P END ATTACHMENT 1000-0.7 SA-36
   SUPPORT MODIFIED 5-23-90
6(F). Year Built
6(G). Repaired ☐ Replaced ☒[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
   REMOVED B-P 2540-0.35 SNUBBER & BP 2540-0.35 REAR BRACKET AND REPLACED WITH B-P 2015-0.7 RIGID STRUT & B-P 1000-0.7 END ATTACH.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐ N/A 11/7/90
   Pressure N/A 11/7/90 psi Test Temperature N/A °F
9. Remarks:
   WP K-P046 90A-1

(N/A) Applicable manufacturer's data report to be attached.
Responsible Engr [signature] MEA-NC Date 11-07-90
(Organization)
N/A 11/7/90
ANII B. Earnest Date 11/9/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 11-6-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-181 11-14-90
3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] N/A mo 11-6-90
P.O. Box 2000
Address
Authorization No.[b] N/A mo 11-6-90
SPRING CITY, TN
City and State
Expiration Date[b] N/A mo 11-6-90
4. Identification of System 03, FW ASME-CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A mo 11-6-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT # 47A401-1-9/RB 14'-6½" W/O AZ. 0°, 35'-7" S/O AZ. 90°, EL. 724'-3", 16" Ø PIPE
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A mo 11-6-90
6(D). National Board Number (if applicable) N/A mo 11-6-90
6(E). Other Identification (subassembly number, heat number, etc.) N/A mo 11-6-90
6(F). Year Built SUPPORT INSTALLED 1987
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
INSTALLED SUPPORT PER WORK PLAN E-5814-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A mo 11-6-90 psi Test Temperature N/A mo 11-6-90 °F
9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.
mo 11-6-90
Responsible Engr Maggie Schlegel MEA-NC Date 11-6-90
Organization

ANII _____ Date 12/22/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 11-6-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-182
3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] N/A mo 11-6-90
P.O. Box 2000
Address
Authorization No.[b] N/A mo 11-6-90
SPRING CITY, TN
City and State
Expiration Date[b] N/A mo 11-6-90
4. Identification of System 03 EW ASME-CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A mo 11-6-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT # 47A401-1-10/RB 7'-8" W/O AZ. 180°, 32'-3" N/O AZ 90°, EL. 724'-3", 16" Ø PIPE
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A mo 11-6-90
6(D). National Board Number (if applicable) N/A mo 11-6-90
6(E). Other Identification (subassembly number, heat number, etc.) N/A mo 11-6-90
6(F). Year Built SUPPORT INSTALLED 1987
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
INSTALLED SUPPORT PER WORK PLAN E-5814-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A mo 11-6-90 psi Test Temperature N/A mo 11-6-90 °F
9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.
mo 11-6-90
Responsible Engr Maggie Schlagel MEA-NC Date 11-6-90
Organization

ANII [signature] Date 12/22/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 11-6-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-183 11-14-90 AT

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN
City and State
Type Code Symbol Stamp[b] N/A mo 11-6-90
Authorization No.[b] N/A mo 11-6-90
Expiration Date[b] N/A mo 11-6-90

4. Identification of System 03 FW ASME-CLASS 2

5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A mo 11-6-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT # 47A401-1-11/RB 17'-10 1/16" E/O AZ. 180°
36'-5 9/16" N/O AZ. 90° EL. 725'-11 7/16", 16" Ø PIPE

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number N/A mo 11-6-90

6(D). National Board Number (if applicable) N/A mo 11-6-90

6(E). Other Identification (subassembly number, heat number, etc.) N/A mo 11-6-90

6(F). Year Built SUPPORT INSTALLED 1987

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
INSTALLED SUPPORT PER WORK PLAN E-5814-1

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A mo 11-6-90 psi Test Temperature N/A mo 11-6-90 °F

9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.
mo 11-6-90

Responsible Engr Maggie Schlagel MEA-NC Date 11-6-90
Organization

ANII [signature] Date 12/22/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 11-6-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-184 11-14-90 NA
3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN
City and State
Type Code Symbol Stamp[b] N/A mo 11-6-90
Authorization No.[b] N/A mo 11-6-90
Expiration Date[b] N/A mo 11-6-90
4. Identification of System 03 FW ASME-CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A mo 11-6-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT # 47A401-1-12/ AUX 5'-9" N/O V & 10'-10 1/8" W/O A1, EL 731'-0" 18" Ø PIPE
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A mo 11-6-90
6(D). National Board Number (if applicable) N/A mo 11-6-90
6(E). Other Identification (subassembly number, heat number, etc.) N/A mo 11-6-90
6(F). Year Built SUPPORT INSTALLED 1986
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
INSTALLED SUPPORT PER WORK PLAN E-5814-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A mo 11-6-90 psi Test Temperature N/A mo 11-6-90 °F
9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.
mo 11-6-90
Responsible Engr Maggie Schlagel MEA-NC Date 11-6-90
Organization

ANII [signature] Date 12/22/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 11-6-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____ 14 11-14-90
Unit 1
Report Tracking No. 90-185
3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] N/A mo 11-6-90
P.O. Box 2000
Address
Authorization No.[b] N/A mo 11-6-90
SPRING CITY, TN
City and State
Expiration Date[b] N/A mo 11-6-90
4. Identification of System 03, FW ASME-CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A mo 11-6-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W19P1
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT # 47A401-1-13 / RB 17'-10 3/16" E/O AZ. 0°
36'-5 9/16" S/O AZ. 90° EL. 725'-11 3/16", 16" Ø PIPE
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A mo 11-6-90
6(D). National Board Number (if applicable) N/A mo 11-6-90
6(E). Other Identification (subassembly number, heat number, etc.) N/A mo 11-6-90
6(F). Year Built SUPPORT INSTALLED 1987
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
INSTALLED SUPPORT PER WORK PLAN E-5814-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A mo 11-6-90 psi Test Temperature N/A mo 11-6-90 °F
9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.
N/A mo 11-6-90
Responsible Engr Maggie Schlegel MEA-NC Date 11-6-90
Organization

ANII [signature] Date 12/22/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 11-6-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
3. Work Performed by: TVA
Company
Report Tracking No. 90-186 11-14-90
Type Code Symbol Stamp[b] N/A mo 11-6-90
P.O. Box 2000
Address
Authorization No.[b] N/A mo 11-6-90
SPRING CITY, TN
City and State
Expiration Date[b] N/A mo 11-6-90
4. Identification of System 03, FW ASME-CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A mo 11-6-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W19P1
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT# 47A401-1-14/ADD'L EQ BLDG 22'-1" W/O & RB, 7'-0" S/O "X", EL. 731'-0", 18" Ø PIPE
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A mo 11-6-90
6(D). National Board Number (if applicable) N/A mo 11-6-90
6(E). Other Identification (subassembly number, heat number, etc.) N/A mo 11-6-90
6(F). Year Built SUPPORT INSTALLED 1987
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
INSTALLED SUPPORT PER WORK PLAN E-5814-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A mo 11-6-90 psi Test Temperature N/A mo 11-6-90 °F
9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.
mo 11-6-90
Responsible Engr Maggie Schlagel MEA-NC Date 11-6-90
Organization

ANII [signature] Date 12/22/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 11-6-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____ 87 11-14-90
Unit 1
Report Tracking No. 90-187
3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] N/A mo 11-6-90
P.O. Box 2000
Address
Authorization No.[b] N/A mo 11-6-90
SPRING CITY, TN
City and State
Expiration Date[b] N/A mo 11-6-90
4. Identification of System 03 FW ASME-CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A mo 11-6-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W19P1
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT # 47A401-1-15 / AUX 9'-0½" E/O "A1", 5'-0" N/O "U", EL. 731'-0", 18" Ø PIPE
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A mo 11-6-90
6(D). National Board Number (if applicable) N/A mo 11-6-90
6(E). Other Identification (subassembly number, heat number, etc.) N/A mo 11-6-90
6(F). Year Built SUPPORT INSTALLED 1986
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
INSTALLED SUPPORT PER WORK PLAN E-5814-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A mo 11-6-90 psi Test Temperature N/A mo 11-6-90 °F
9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.
mo 11-6-90
Responsible Engr Maggie Schlyon MEA-NC Date 11-6-90
Organization

ANII [signature] Date 12-22-90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 11-6-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____ 17 11-14-90
Unit 1
3. Work Performed by: TVA
Company
Report Tracking No. 90-188
Type Code Symbol Stamp[b] N/A mo 11-6-90
P.O. Box 2000
Address
Authorization No.[b] N/A mo 11-6-90
SPRING CITY, TN
City and State
Expiration Date[b] N/A mo 11-6-90
4. Identification of System 03, FW ASME-CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A mo 11-6-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT# H-401-1-NP-9-70/AUX 18'-10" E/O "A1" & 18'-2" N/O "U", EL 729-7½", 2" Ø PIPE
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A mo 11-6-90
6(D). National Board Number (if applicable) N/A mo 11-6-90
6(E). Other Identification (subassembly number, heat number, etc.) N/A mo 11-6-90
6(F). Year Built SUPPORT INSTALLED 1987
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
INSTALLED SUPPORT PER WORK PLAN E-5814-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A mo 11-6-90 psi Test Temperature N/A mo 11-6-90 °F
9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.
mo 11-6-90
Responsible Engr Maggie Schlagn MEA-NC Date 11-6-90
Organization

ANII [signature] Date 12-22-90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Contract...

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 11-6-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____ 14 11-14-90
Unit 1
3. Work Performed by: TVA
Company
Report Tracking No. 90-189
Type Code Symbol Stamp[b] N/A ms 11-6-90
P.O. Box 2000
Address
Authorization No.[b] N/A ms 11-6-90
SPRING CITY, TN
City and State
Expiration Date[b] N/A ms 11-6-90
4. Identification of System 03, FW ASME-CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A ms 11-6-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W19P1
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT # H-401-1-NP-10-70 / 9'-6" E/O "A", 17'-9" N/O "V" AUX EL 729'-7½" 2" ϕ PIPE
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A ms 11-6-90
6(D). National Board Number (if applicable) N/A ms 11-6-90
6(E). Other Identification (subassembly number, heat number, etc.) N/A ms 11-6-90
6(F). Year Built SUPPORT INSTALLED 1987
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
INSTALLED SUPPORT PER WORK PLAN E-5814-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A ms 11-6-90 psi Test Temperature N/A ms 11-6-90 °F
9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.
ms 11-6-90
Responsible Engr Maggie Schlager / MEA-NC Date 11-6-90
Organization

ANII [signature] Date 12-22-90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Contract...

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 11-5-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1 AF 11-15-90
Report Tracking No. 90-191
3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] N/A MW 11-5-90
P.O. Box 2000
Address
Authorization No.[b] N/A MW 11-5-90
SPRING CITY, TN
City and State
Expiration Date[b] N/A MW 11-5-90
4. Identification of System 99, IFDS ASME-CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A MW 11-5-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W19P1
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT # 17A400-6-152 / RB AZ 53°, R=52'-9", EL. 709'-4", 4" Ø PIPE.
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A MW 11-5-90
6(D). National Board Number (if applicable) N/A MW 11-5-90
6(E). Other Identification (subassembly number, heat number, etc.) N/A MW 11-5-90
6(F). Year Built SUPPORTED MODIFIED 1987
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
MODIFIED SUPPORT PER WORK PLAN E-6056-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A MW 11-5-90 psi Test Temperature N/A MW 11-5-90 °F
9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.
MW 11-5-90
Responsible Engr Maggie Schlegel / MEA-NC Date 11-5-90
Organization
ANII B. Eamigh Date 11/13/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder WP E-6056-1
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 11-6-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1 AF 11-15-90
Report Tracking No. 90-193

3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] N/A mo 11-6-90
P.O. Box 2000
Address
Authorization No.[b] N/A mo 11-6-90
SPRING CITY, TN
City and State
Expiration Date[b] N/A mo 11-6-90

4. Identification of System 94, IFDS ASME-CLASS 2

5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A mo 11-6-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT # 1094-1-90-100/RB, @ ℄ OF RB BOTH DIRECTIONS, EL. 684'-7¼" 1" O.D. TUBE

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number N/A mo 11-6-90

6(D). National Board Number (if applicable) N/A mo 11-6-90

6(E). Other Identification (subassembly number, heat number, etc.) N/A mo 11-6-90

6(F). Year Built SUPPORT MODIFIED 1987

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
MODIFIED SUPPORT PER WORK PLAN E-6056-1

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A mo 11-6-90 psi Test Temperature N/A mo 11-6-90 °F

9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.
mo 11-6-90

Responsible Engr Maggie Schlegel MEA-NE Date 11-6-90
Organization

ANII B. Eamigh Date 11/13/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 11-6-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Sheet[a] ____ of ____
Unit 1 SF 11-15-90
Report Tracking No. 90-194

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN
City and State

Type Code Symbol Stamp[b] N/A mo 11-6-90
Authorization No.[b] N/A mo 11-6-90
Expiration Date[b] N/A mo 11-6-90

4. Identification of System 94, IFDS ASME-CLASS 2

5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A mo 11-6-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT# 1094-1-90-101/RB, ℄, EL. 678'-8", 1" O.D. TUBE

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number N/A mo 11-6-90

6(D). National Board Number (if applicable) N/A mo 11-6-90

6(E). Other Identification (subassembly number, heat number, etc.) N/A mo 11-6-90

6(F). Year Built SUPPORT MODIFIED 1987

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
MODIFIED SUPPORT PER WORK PLAN E-6056-1

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A mo 11-6-90 psi Test Temperature N/A mo 11-6-90 °F

9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.
mo 11-6-90 Responsible Engr Maggie Schlager / MEA-NC Date 11-6-90
Organization

ANII B. Earnsley Date 11/13/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction ...

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APPENDIX D
Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 11-6-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-195 per 11-15-90
3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] N/A mo 11-6-90
P.O. Box 2000
Address
Authorization No.[b] N/A mo 11-6-90
SPRING CITY, TN
City and State
Expiration Date[b] N/A mo 11-6-90
4. Identification of System 94, IFDS ASME-CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A mo 11-6-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W19P1
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT # 1094-1-90-102/RB, 15'-3" W/O AZ. 0°, ℄ AZ. 90°, EL. 676'-6", 1" O.D. TUBE
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A mo 11-6-90
6(D). National Board Number (if applicable) N/A mo 11-6-90
6(E). Other Identification (subassembly number, heat number, etc.) N/A mo 11-6-90
6(F). Year Built SUPPORT MODIFIED 1987
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
MODIFIED SUPPORT PER WORK PLAN E-6056-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A mo 11-6-90 psi Test Temperature N/A mo 11-6-90 °F
9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.
mo 11-6-90
Responsible Engr Maggie Schlegel MEA-NC Date 11-6-90
Organization

ANII B. Earnest Date 11/13/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code

APPENDIX D
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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 11-6-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1 JJ 11-15-90
Report Tracking No. 90-196
3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] N/A mo 11-6-90
P.O. Box 2000
Address
Authorization No.[b] N/A mo 11-6-90
SPRING CITY, TN
City and State
Expiration Date[b] N/A mo 11-6-90
4. Identification of System 94, IFDS ASME-CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A mo 11-6-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W19P1
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT # 1094-1-90-103/RB, 19'-2 3/16" W/O A2.0°, ℄ A2.90°, EL. 676'-6", 1" O.D. TUBE
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A mo 11-6-90
6(D). National Board Number (if applicable) N/A mo 11-6-90
6(E). Other Identification (subassembly number, heat number, etc.) N/A mo 11-6-90
6(F). Year Built SUPPORT MODIFIED 1987
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
MODIFIED SUPPORT PER WORK PLAN E-6056-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A mo 11-6-90 psi Test Temperature N/A mo 11-6-90 °F
9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.
mo 11-6-90
Responsible Engr Maggie Schlegel MEA-NC Date 11-6-90
Organization
ANII B. Earngh Date 11/13/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent)
[d]Replacement (modification).
[e]When required by Construction Code

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APPENDIX D
Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 11-6-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1 AI 11-15-90
Report Tracking No. 90-197
3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] N/A mo 11-6-90
P.O. Box 2000
Address
Authorization No.[b] N/A mo 11-6-90
SPRING CITY, TN
City and State
Expiration Date[b] N/A mo 11-6-90
4. Identification of System 94, IFDS ASME-CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A mo 11-6-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT # 1094-1-90-101/RB, 28'-1 3/16" W/O AZ. 0°, ℄ AZ. 90°, EL. 679'-6", 1" O.D. TUBE
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A mo 11-6-90
6(D). National Board Number (if applicable) N/A mo 11-6-90
6(E). Other Identification (subassembly number, heat number, etc.) N/A mo 11-6-90
6(F). Year Built SUPPORT MODIFIED 1987
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
MODIFIED SUPPORT PER WORK PLAN E-6056-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A mo 11-6-90 psi Test Temperature N/A mo 11-6-90 °F
9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.
mo 11-6-90
Responsible Engr Maggie Schlager MEA-NC Date 11-6-90
Organization
ANII B. Eamigh Date 11/13/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction

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APPENDIX D
Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 11-6-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-198 11-15-90
3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] N/A mo 11-6-90
P.O. Box 2000
Address
Authorization No.[b] N/A mo 11-6-90
SPRING CITY, TN
City and State
Expiration Date[b] N/A mo 11-6-90
4. Identification of System 94, IFDS ASME-CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A mo 11-6-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT # 1094-1-90-105/RB 33'-6" W/O A2.0°, @ ℄ A2.90° EL. 690'-6" 1" O.D. TUBE
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A mo 11-6-90
6(D). National Board Number (if applicable) N/A mo 11-6-90
6(E). Other Identification (subassembly number, heat number, etc.) N/A mo 11-6-90
6(F). Year Built SUPPORT MODIFIED 1987
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
MODIFIED SUPPORT PER WORK PLAN E-6056-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A mo 11-6-90 psi Test Temperature N/A mo 11-6-90 °F
9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.
mo 11-6-90
Responsible Engr Maggie Schlegel MEA-NC Date 11-6-90
Organization
ANII B. Emmons Date 11/13/90

PAGE 159 OF 564

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code

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Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 11-6-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-199 17 11-15-90
3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] N/A mo 11-6-90
P.O. Box 2000
Address
Authorization No.[b] N/A mo 11-6-90
SPRING CITY, TN
City and State
Expiration Date[b] N/A mo 11-6-90
4. Identification of System 94, IFDS ASME-CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A mo 11-6-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W19P1
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT # 1094-1-90-106 / RB 10'-8 1/8" W/O AZ. 0°, @ ℄ AZ. 90°, EL. 702'-6", 1" O.D. TUBE
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A mo 11-6-90
6(D). National Board Number (if applicable) N/A mo 11-6-90
6(E). Other Identification (subassembly number, heat number, etc.) N/A mo 11-6-90
6(F). Year Built SUPPORT MODIFIED 1987
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
MODIFIED SUPPORT PER WORK PLAN E-6056-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A mo 11-6-90 psi Test Temperature N/A mo 11-6-90 °F
9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.
mo 11-6-90
Responsible Engr Maggie Schlegel / MEA-NC Date 11-6-90
Organization

PAGE 160 OF 564 ANII B. Eamigh Date 11/13/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code

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PAGE X-12

APPENDIX D
Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 11-6-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-200 NA 11-15-90
3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] N/A mo 11-6-90
P.O. Box 2000
Address
Authorization No.[b] N/A mo 11-6-90
SPRING CITY, TN
City and State
Expiration Date[b] N/A mo 11-6-90
4. Identification of System 94 IFDS ASME-CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A mo 11-6-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W19P1
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT# 1094-1-90-107/RB 16'-4½" W/O AZ.0°, @ & AZ.90°, EL. 712'-6" 1" O.D. TUBE
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A mo 11-6-90
6(D). National Board Number (if applicable) N/A mo 11-6-90
6(E). Other Identification (subassembly number, heat number, etc.) N/A mo 11-6-90
6(F). Year Built SUPPORT MODIFIED 1987
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☐
7. Brief description of repair or replacement work performed.
MODIFIED SUPPORT PER WORK PLAN E-6056-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A mo 11-6-90 psi Test Temperature N/A mo 11-6-90 °F
9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.
mo 11-6-90
Responsible Engr Maggie Schlagel MEA-WC Date 11-6-90
Organization

PAGE 161 OF 564 ANII B. Eastman Date 11/13/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code

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PAGE X-13

APPENDIX D
Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 11-6-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-201 JT 11-15-90

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN
City and State

Type Code Symbol Stamp[b] N/A ms 11-6-90
Authorization No.[b] N/A ms 11-6-90
Expiration Date[b] N/A ms 11-6-90

4. Identification of System 94, IFDS ASME-CLASS 2

5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A ms 11-6-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT# 1094-1-90-108 / RB 48'-2" W/O AZ. 0°, @ ℄ AZ. 90°, EL. 718'-2" 1" O.D. TUBE

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number N/A ms 11-6-90

6(D). National Board Number (if applicable) N/A ms 11-6-90

6(E). Other Identification (subassembly number, heat number, etc.) N/A ms 11-6-90

6(F). Year Built SUPPORT MODIFIED 1987

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
MODIFIED SUPPORT PER WORK PLAN E-6056-1

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A ms 11-6-90 psi Test Temperature N/A ms 11-6-90 °F

9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.
ms 11-6-90

Responsible Engr Maggie Schlagel / MEA-NC Date 11-6-90
Organization

PAGE 162 OF 564 ANII B. Earnigh Date 11/13/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code

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PAGE X-1A

APPENDIX D
Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Date 11/16/90

Sheet[a] ___ of ___
Unit 1

3. Work Performed by: TVA, WBNP
Company
P.O. Box 800
Address
SPRING CITY, TN 37381
City and State

Report Tracking No. 90-202 VF 11-16-90
Type Code Symbol Stamp[b] N/A BHH 11/16/90
Authorization No.[b] N/A BHH 11/16/90
Expiration Date[b] N/A BHH 11/16/90

4. Identification of System 62 CVCS
5(A). Applicable Construction Code ASME Sec III 1971
Edition 1971 Addenda SUMMER 73
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
BOLTING - 5/8 ϕ ; STUDS - SA453, GR 660 ; NUTS - SA194, GR 6 ; VALVE 1-TCV-62-79 FLANGE TO PIPE FLANGE
6(B). Name of Manufacturer N/A BHH 11/16/90
Address of Manufacturer (if known) N/A BHH 11/16/90
6(C). Manufacturer's Serial Number N/A BHH 11/16/90
6(D). National Board Number (if applicable) N/A BHH 11/16/90
6(E). Other Identification (subassembly number, heat number, etc.)
HEAT No. 507048 (NUTS) ; HEAT No. 6L8232
6(F). Year Built N/A BHH 11/16/90
6(G). Repaired ☐ Replaced ☒[c] Replacement ☐[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
REPLACED BOLTING ON VALVE FLANGE (1-TCV-62-79) TO PIPE FLANGE. NUTS, SA194, GR 6 (OUTLET SIDE) ; STUDS, SA453, GR 660 (OUTLET BOTTOM)
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☒ * Other ☐
Pressure ___ psi Test Temperature ___ °F
9. Remarks: REPLACED BOLTING WHICH DID NOT MEET CURRENT BILL OF MATERIAL SPECIFICATIONS. BHH 11/16/90
* PMT TO BE PERFORMED ON IMR # A591795

( ) Applicable manufacturer's data report[e] to be attached.

Responsible Engr B.H. Hooper / 11/16/90 ESS Date 11/16/90
Organization

ANII B. Earnest Date 11/28/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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PAGE ~~IX-125 OF IX-235~~ -85 AGC 2-6-92 ~~219~~ JJA 4/30/91

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 11-14-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-205 JJ 11-17-90

3. Work Performed by: T.V.A.
Company
P.O. BOX 2000
Address
SPRING CITY, TENNESSEE
City and State
Type Code Symbol Stamp[b] N/A JJA 11/14/90
Authorization No.[b] N/A JJA 11/14/90
Expiration Date[b] N/A JJA 11/14/90

4. Identification of System 015, STEAM GENERATOR BLOWDOWN, CLASS-2

5(A). Applicable Construction Code AISC 1973
Edition JUNE, 1973 Addenda N/A JJA 11-14-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 1001-A400-6-269; CLAMP BP 6101 FOR 4" ϕ PIPE; REACTOR BLDG. ELEV. 733'-0"; AZ. = 22°; R = 28'-11"

6(B). Name of Manufacturer TVA AND BERGEN-PATERSON PIPE SUPPORT CORP.
Address of Manufacturer (if known) SPRING CITY, TN AND WOBURN, MASS.

6(C). Manufacturer's Serial Number N/A JJA 11/14/90

6(D). National Board Number (if applicable) N/A JJA 11/14/90

6(E). Other Identification (subassembly number, heat number, etc.)
N/A JJA 11/14/90

6(F). Year Built SUPPORT DELETED 12-14-89

6(G). ~~Repaired ☐ Replaced ☐[c] Replacement ☐[d]~~ JJA 11/14/9 N/A

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
DELETE SUPPORT INCLUDING B-P CLAMP 6101.
N/A AGC 2-7-92

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A JJA 11/14/90 psi Test Temperature N/A JJA 11/14/90 °F

9. Remarks:
WORK PERFORMED IN WP K-P05637A-1
N
A AGC 2-7-92

(N/A) Applicable manufacturer's data report[e] to be attached.
JJA 11/14/90 Responsible Engr [signature] / MEA-NC Date 11-14-90
Organization

*ANII NA Charles R. Dmek, QE Date 2-26-92 BME 4/8/96

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder * B. Earnigh 4/8/96
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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PAGE ~~IX-127~~ ~~IX~~ ~~235~~ ~~219~~ -87 AGC 2-6-92 4/30/91

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 11-14-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Sheet[a] N/A AGC 2-10-92 of N/A AGC 2-10-92
Unit 1
Report Tracking No. 90-206 11-17-90

3. Work Performed by: T.V.A
Company
P.O. BOX 2000
Address
SPRING CITY, TENNESSEE
City and State

Type Code Symbol Stamp[b] N/A 11-14-90
Authorization No.[b] N/A 11-14-90
Expiration Date[b] N/A 11-14-90

4. Identification of System 015, STEAM GENERATOR BLOWDOWN, -CLASS 2

5(A). Applicable Construction Code AISC 1973
Edition JUNE, 1973 Addenda N/A 11-14-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 1001-A400-6-288; B-P 2100-12 STRUT; CLAMP, B-P 2600-10 FOR 4"Ø PIPE; REACTOR BLDG. ELEV. 734; AZ=350°; R=36

6(B). Name of Manufacturer TVA AND BERGEN-PATERSON PIPE SUPPORT CORP.
Address of Manufacturer (if known) SPRING CITY, TN. & WOBURN, MASS.

6(C). Manufacturer's Serial Number N/A 11/14/90

6(D). National Board Number (if applicable) N/A 11/14/90

6(E). Other Identification (subassembly number, heat number, etc.) N/A 11/14/90

6(F). Year Built SUPPORT DELETED 12-21-89

6(G). ~~Repaired ☐~~ ~~Replaced ☐[c]~~ ~~Replacement ☐[d]~~ 11/14/90

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
DELETE SUPPORT INCLUDING STRUT & CLAMP.
N/A AGC 2-7-92

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A 11/14/90 psi Test Temperature N/A 11/14/90 °F

9. Remarks:
WORK PERFORMED IN WP K-P05637A-1
N
A AGC 2-7-92

(N/A) Applicable manufacturer's data report[e] to be attached.

Responsible Engr [signature] IMEA-NC Date 11-14-90
Organization

11/14/90 11/14/90

ANII ~~NA Charles R. Smith, QE~~ B. Earnigh 4/8/96 Date ~~2-27-92~~ 4/8/96

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

APPENDIX D
Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 11-14-90
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee
   Sheet[a] N/A AGC 2-6-92 of N/A AGC 2-6-92
   Unit 1
   Report Tracking No. 90-207 11-17-90
3. Work Performed by: T.V.A. (Company)
   P.O. BOX 2000 (Address)
   SPRING CITY, TENNESSEE (City and State)
   Type Code Symbol Stamp[b] N/A 11-14-90
   Authorization No.[b] N/A 11-14-90
   Expiration Date[b] N/A 11-14-90
4. Identification of System 015, STEAM GENERATOR BLOWDOWN, CLASS-2
5(A). Applicable Construction Code ASME III 1973
   Edition JUNE 1973 Addenda N/A 11-14-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   PIPE SUPPORT 1001-A400-G-270; BP 2410-0.35 SNUBBER; CLAMP BP 2640-0.35 4"ϕ PIPE; BP 283 U-BOLT; REACTOR BLDG.; EL.= 728'5"; AZ= 22°
6(B). Name of Manufacturer T.V.A AND BERGEN-PATERSON PIPE SUPPORT CORP.
   Address of Manufacturer (if known) SPRING CITY, TN. & WOBURN, MASS.
6(C). Manufacturer's Serial Number NOT RECORDED PRIOR TO REMOVAL.
6(D). National Board Number (if applicable) N/A 11/14/90
6(E). Other Identification (subassembly number, heat number, etc.)
   BP 274 WELDLESS EYENUT LH & RH; BP-113 BEAM ATTACH.
6(F). Year Built SUPPORT MODIFIED 7-2-90
6(G). Repaired ☐ Replaced ☒[c] Replacement ☐[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
   MODIFIED PIPE SUPPORT INCLUDING DELETING SNUBBER & CLAMP AND ADDING U-BOLT
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐
   Pressure N/A 11/14/90 psi Test Temperature N/A 11/14/90 °F
9. Remarks: N/A AGC 2-7-92
   WORK PERFORMED IN WP K-P05637A-1
   N/A AGC 2-7-92

(N/A 11/14/90) Applicable manufacturer's data report[e] to be attached.
Responsible Engr Jack T. Howard / MEA-NC Date 11-14-90
Organization

ANII B. Earnest Date 3/22/92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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-34 AGC 2-6-92 ~~214~~ APPENDIX D
Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 11-14-90
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee
   Sheet[a] ____ of ____
   Unit 1
   Report Tracking No. 90-208 11-17-90
3. Work Performed by: T. V. A. (Company)
   P. O. BOX 2000 (Address)
   SPRING CITY, TENNESSEE (City and State)
   Type Code Symbol Stamp[b] N/A 11/14/90
   Authorization No.[b] N/A 11/14/90
   Expiration Date[b] N/A 11/14/90
4. Identification of System 015, STEAM GENERATOR BLOWDOWN, CLASS-2
5(A). Applicable Construction Code ASME 19 73
   Edition JUNE, 1973 Addenda N/A 11-14-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   PIPE SUPPORT 1001-A400-G-266; BP 2252-4 RIGID STRUT & BP 6202-4 CLAMP FOR 4"-ϕ PIPE; REACTOR BLDG. ELEV. 722; AZ-30°
6(B). Name of Manufacturer TVA AND BERGEN-PATERSON PIPE SUPPORT CORP.
   Address of Manufacturer (if known) SPRING CITY, TN. & WOBURN, MASS.
6(C). Manufacturer's Serial Number B059678
6(D). National Board Number (if applicable) N/A 11/14/90
6(E). Other Identification (subassembly number, heat number, etc.) N/A AGC 2-7-92
6(F). Year Built SUPPORT MODIFIED 07-26-90 (STRUT - 1989)
6(G). Repaired ☐ Replaced ☒[c] Replacement ☐[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
   COMPLETE MODIFICATION OF PIPE SUPPORT INCLUDING INSTALLING NEW BP 2252-4 STRUT TO REPLACE BP 2410-6S SNUBBER.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐
   Pressure N/A 11/14/90 psi Test Temperature N/A 11/14/90 °F
9. Remarks: WORK PERFORMED IN WP ~~K-P04690~~ K-P05637A-1 11/14/90
   N/A AGC 2-7-92
   (N/A) Applicable manufacturer's data report[e] to be attached.

Responsible Engr Frank T. Howard / MEA-NC Date 11-14-90
11/14/90 Organization

ANII B. Earnest Date 3/22/92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

APPENDIX D
Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 11-14-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Sheet[a] N/A AGC 2-6-92 of N/A AGC 2-6-92
Unit 1
Report Tracking No. 90-209 11-17-90

3. Work Performed by: T. V. A.
Company
P.O. BOX 2000
Address
SPRING CITY, TENNESSEE
City and State

Type Code Symbol Stamp[b] N/A 11-14-90
Authorization No.[b] N/A 11-14-90
Expiration Date[b] N/A 11-14-90

4. Identification of System 015, STEAM GENERATOR BLOWDOWN

5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A 11-14-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 1001-A400-6-261; BP 2540-1.5 SNUBBER; CLAMP BP 2640-1.5 4"φ PIPE; REACTOR BLDG ELEV. 722'-2 3/16"; AZ = 25°;

(B). Name of Manufacturer T.V.A. AND BERGEN-PATERSON PIPE SUPPORT CORP.
Address of Manufacturer (if known) SPRING CITY, TN & WOBURN, MASS.

6(C). Manufacturer's Serial Number 19723 (PSA-1)

6(D). National Board Number (if applicable) N/A 11/14/90

6(E). Other Identification (subassembly number, heat number, etc.)
TS 8 X 8 X 5/8 - HT. # 256674 PLATE 3/4" - HT. # 422504110

6(F). Year Built SUPPORT MODIFIED 8-21-90 (SNUBBER - 1982)

6(G). Repaired ☐ Replaced ☒[c] Replacement ☐[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
MODIFIED PIPE SUPPORT CONFIGURATION.
N/A AGC 2-7-92

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A 11/14/90 psi Test Temperature N/A °F 11/14/90

9. Remarks:
N/A AGC 2-7-92
WORK PERFORMED IN WP K-P05637A-1
N/A AGC 2-7-92

(N/A) Applicable manufacturer's data report[e] to be attached.

Responsible Engr Jack T. Howard IMEA-NC Date 11-14-90
Organization
11/14/90

ANII B. Earnigh Date 3/22/92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

[e]When required by Construction Code.

APPENDIX D
Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 11-16-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ___ of ___
Unit 1
SF 11-17-90
3. Work Performed by: TVA
Company
Report Tracking No. 90-211
P.O. Box 2000
Address
Type Code Symbol Stamp[b] ___
Authorization No.[b] N/A WOG 4-20-91
SPRING CITY, TN
City and State
Expiration Date[b] N/A WOG 4-20-91
4. Identification of System 072, C.S. ASME-CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A WOG 4-20-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W19P1
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 1072-AH37-2-32 AUX. Bldg. El. El. 713'-0"
BP 3100 RS SIZE 12 VS TYPE F FOR 10" PIPE
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN
6(C). Manufacturer's Serial Number N/A WOG 4-20-91
6(D). National Board Number (if applicable) N/A WOG 4-20-91
6(E). Other Identification (subassembly number, heat number, etc.) N/A WOG 4-20-91
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☑
7. Brief description of repair or replacement work performed.
INSTALL PIPE SUPPORT PER DCN P-05601A & W.P. K-P05601A-1
INSTALLED SPRING CAN
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A WOG 4-20-91 psi Test Temperature N/A WOG 4-21-91 °F
9. Remarks: NONE

(N/A) Applicable manufacturer's data report[e] to be attached.
Responsible Engr W.A. Snyder / MEA Date 11-16-90
Organization

PAGE 170 OF 564 ANII [signature] Date 12/14/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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PAGE IX-32 OF

APPENDIX D
Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 11-16-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-212 11-17-90
3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] ____
P.O. Box 2000
Address
Authorization No.[b] N/A WOG 4-20-91
SPRING CITY, TN
City and State
Expiration Date[b] N/A WOG 4-20-91
4. Identification of System 072, C.S. ASME-CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A WOG 4-20-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W19P1
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 72-1CS-R1 AUX. Bldg El. El. 713'-0"
BP 2440-1.5 MECH. SNUBBER PSA-1 Serial # 2668 for 10" PIPE
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN
6(C). Manufacturer's Serial Number ____
6(D). National Board Number (if applicable) N/A WOG 4-20-91
6(E). Other Identification (subassembly number, heat number, etc.) N/A WOG 4-20-91
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
INSTALL PIPE SUPPORT PER DCN P0560 1A & WP. K-P0560 1A-1
CHANGE STRUT TO SNUBBER
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A WOG 4-20-91 psi Test Temperature N/A WOG 4-20-91 °F
9. Remarks: NONE.

(N/A) Applicable manufacturer's data report[e] to be attached.
Responsible Engr W.A. Hayden / MEA Date 11-16-90
Organization

PAGE 17 OF 56 ANII [illegible] Date 12/4/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

WP P0560 1A-1
PAGE IX-49 OF ____

APPENDIX D
Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 11-16-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a], ____ of ____
Unit 1 AF 11-17-90
Report Tracking No. 90-213
3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] N/A WOG 4-20-91
P.O. Box 2000
Address
Authorization No.[b] N/A WOG 4-20-91
SPRING CITY, TN
City and State
Expiration Date[b] N/A WOG 4-20-91
4. Identification of System 72, C.S. ASME-CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A WOG 4-20-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 1072-72-1CS-R3, PSA-3 snubber, Aux. Bldg. EL.EL. 713', 12'-1½" S. of V, 3'-3" W. of A5 For 10" Pipe
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TENN.
6(C). Manufacturer's Serial Number Snubber = 16,316
6(D). National Board Number (if applicable) N/A WOG 4-20-91
6(E). Other Identification (subassembly number, heat number, etc.) N/A WOG 4-20-91
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
Modify existing pipe support under Workplan K-P05601A-1 & DCN P-05601A Change STRUT to Snubber
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A WOG 4-20-91 psi Test Temperature N/A WOG 4-20-91 °F
9. Remarks: None

(N/A) Applicable manufacturer's data report[e] to be attached.
Responsible Engr W.A Snyder / MEA Date 11-16-90
Organization

PAGE 172 OF 564 ANII [signature] Date 12/14/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

WP P05601A-1
PAGE IX-56 OF

APPENDIX D
Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 9-7-90
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee
   Sheet[a] ____ of ____
   Unit 1 — 11-17-90
   Report Tracking No. 90-216
3. Work Performed by: TVA — Type Code Symbol Stamp[b] ____
   Company
   P.O. Box 2000 — Authorization No.[b] N/A JAN 9-7-90
   Address
   SPRING CITY, TN — Expiration Date[b] N/A JAN 9-7-90
   City and State
4. Identification of System 072; CS; ASME-CLASS
5(A). Applicable Construction Code AISC 1973
   Edition JUNE 1973 Addenda N/A JAN 9-7-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W19P1
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   PIPE SUPPORT 072-72-1CS-R16; BP2640-6 10" PIPE CLAMP & BP2540-6 SNUBBER/STRUT ASSEMBLY FOR 10" PIPE
6(B). Name of Manufacturer TVA & BERGEN-PATERSON PIPE SUPPORT CORP
   Address of Manufacturer (if known) SPRING CITY, TN & WOBURN, MASS.
6(C). Manufacturer's Serial Number 15605
6(D). National Board Number (if applicable) N/A JAN 9-7-90
6(E). Other Identification (subassembly number, heat number, etc.)
   BP2640-6 10" PIPE CLAMP; BP2540-6 W/PSA-3
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☐
7. Brief description of repair or replacement work performed.
   REMOVE STRUT & CLAMP & INSTALL SNUBBER & CLAMP
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐
   Pressure N/A JAN 9-7-90 psi Test Temperature N/A JAN 9-7-90 °F
9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.
JAN 9-7-90 Responsible Engr W.A. Snyder / MEA — Date 11-17-90
Organization

PAGE 175 OF 564

ANII [signature] Date 12/14/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code

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PAGE IX-80 OF ____

APPENDIX D
Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 11-17-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN
City and State
Report Tracking No. 90-217 11-17-9
Type Code Symbol Stamp[b] ____
Authorization No.[b] N/A wog 4-20-91
Expiration Date[b] N/A wog 4-20-91

4. Identification of System 072, C.S ASME-CLASS 2

5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A wog 4-20-91

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W19P1

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 72-1CS-R18 AUX. Bldg Fl. El. 713'-0"
BP 2540-6 SNUBBER PSA 3 FOR 10" PIPE

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN

6(C). Manufacturer's Serial Number 910

6(D). National Board Number (if applicable) N/A wog 4-20-91

6(E). Other Identification (subassembly number, heat number, etc.)
N/A wog 4-20-91

6(F). Year Built 1990

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☐

7. Brief description of repair or replacement work performed.
Modify pipe support per DCN P05601 & WP K-P05601A-1
Add snubber

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A wog 4-20-91 psi Test Temperature N/A wog 4-20-91 °F

9. Remarks: NONE

(N/A) Applicable manufacturer's data report to be attached.

Responsible Engr W.A. Hyde 11-17-90 MCA Date 11-17-90
Organization

PAGE 176 OF 564

ANII [signature] Date 12/14/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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PAGE IX-106 OF ____

APPENDIX D
Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 11-17-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
3. Work Performed by: TVA
Company
Report Tracking No. 90-218 11-17-90
Type Code Symbol Stamp[b] ____
P.O. Box 2000
Address
Authorization No.[b] N/A wog 4-20-91
SPRING CITY, TN
City and State
Expiration Date[b] N/A wog 4-20-91
4. Identification of System 072, C.S ASME-CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A wog 4-20-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 72-1CS-R25 AUX. Bldg El. El. 676'-0" For 10" Pipe
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN
6(C). Manufacturer's Serial Number N/A wog 4-20-91
6(D). National Board Number (if applicable) N/A wog 4-20-91
6(E). Other Identification (subassembly number, heat number, etc.) N/A wog 4-20-91
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☐
7. Brief description of repair or replacement work performed.
Modify Support Per DCN P05601A & Work Plan K-P05601A-1
Remove Snubber Change To Tubular Frame
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A wog 4-20-91 psi Test Temperature N/A wog 4-20-91 °F
9. Remarks: None

(N/A) Applicable manufacturer's data report[e] to be attached.
Responsible Engr W.A. Snyder / MEA Date 11-17-90
Organization

PAGE 11 OF 564

ANII [signature] Date 12/14/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

WP P05601A-1
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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 11-17-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
3. Work Performed by: TVA
Company
Report Tracking No. 90-219 11-17-9
P.O. Box 2000
Address
Type Code Symbol Stamp[b] ____
SPRING CITY, TN
City and State
Authorization No.[b] N/A wog 4-20-91
Expiration Date[b] N/A wog 4-20-91
4. Identification of System 072, C S ASME-CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A wog 4-20-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W19P1
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 72-1CS-R145 AUX.Bldg El. El. 692'-0"
BP2252-H STRUT For 10" Pipe
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN
6(C). Manufacturer's Serial Number N/A wog 4-20-91
6(D). National Board Number (if applicable) N/A wog 4-20-91
6(E). Other Identification (subassembly number, heat number, etc.) N/A wog 4-20-91
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☐
7. Brief description of repair or replacement work performed.
Modify Support Per DCN P0560lA & Work Plan K-P0560lA-1
Change Snubber To STRUT
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A wog 4-20-91 psi Test Temperature N/A wog 4-20-91 °F
9. Remarks: NONE

(N/A) Applicable manufacturer's data report[e] to be attached.
Responsible Engr W.A. Wyatt / MEA Date 11-17-90
Organization

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ANII [illegible] Date 12/14/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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MR A-573486

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Date 11-17-90

Sheet[a] ____ of ____
Unit 1.
Report Tracking No. 90-220 J7 11-17-90
Type Code Symbol Stamp[b] N/A WBS 11-17-90

3. Work Performed by: TVA (Company)
P.O. Box 2000 (Address)
Spring City, Tenn. (City and State)

Authorization No.[b] N/A WBS 11-17-90
Expiration Date[b] N/A WBS 11-17-90

4. Identification of System 031, Air Conditioning, ASME-Class 2
5(A). Applicable Construction Code AISC 1973
Edition June, 1973 Addenda N/A WBS 11-17-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
Pipe Support 031-A915-B-9
6(B). Name of Manufacturer TVA and Unistrut Bldg. Sys.'s
Address of Manufacturer (if known) Spring City, Tn. and Wayne, MI.
6(C). Manufacturer's Serial Number N/A WBS 11-17-90
6(D). National Board Number (if applicable) N/A WBS 11-17-90
6(E). Other Identification (subassembly number, heat number, etc.)
Unistrut P2558-20 ~~set~~ clamp assembly WBS 11-17-90
6(F). Year Built reinstalled 1990
6(G). Repaired ☐ Replaced ☒[c] Replacement ☐[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
Re-Install clamp assembly per MR-A-573486 on 2" ϕ Sys. 31 pipe.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A WBS 11-17-90 psi Test Temperature N/A WBS 11-17-90 °F
9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.
WBS 11-17-90

Responsible Engr William A. Lamb MEA-NC Date 11-17-90
Organization

ANII B. Earnest Date 12/5/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY Date 12/19/90
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000 Sheet[a] ____ of ____
Spring City, Tennessee Unit 1
Report Tracking No. 90-223 FHS 12-3-90
3. Work Performed by: TVA Type Code Symbol Stamp[b] NA WDL 11/27/90
Company
P O Box 2000 Authorization No.[b] NA WDL 11/27/90
Address
Spring City, TN Expiration Date[b] NA WDL 11/27/90
City and State
4. Identification of System MAIN STEAM 01 ASME Class 2
5(A). Applicable Construction Code AISC 1973
Edition June 1973 Addenda NA WDL 11/27/90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
Pipe Support 1001-A400-11-39 North Steam Value Room
7'0 W of A1, 15'-4" S of X EL 729.0
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) Spring City, TN
6(C). Manufacturer's Serial Number NA WDL 11/27/90
6(D). National Board Number (if applicable) NA WDL 11/27/90
6(E). Other Identification (subassembly number, heat number, etc.)
NA WDL 11/27/90
6(F). Year Built Support Modified 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
Modified Support Per Work Plan K-P06014A-1/DCA K-06014-06-0
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
~~* Vibration Test~~ BRC 11-21-91 Nominal operating pressure ☐ Other ☒ * BRC 11-21-91 11/27/90
Pressure NA WDL 11/27/90 psi Test Temperature NA WDL °F
9. Remarks:

(NA) Applicable manufacturer's data report[e] to be attached.
WDL 11/27/90 Responsible Engr Wayne Leslie / NC-MEA Date 11/27/90
Organization
ANII Bruce M Earnight Date 12/7/91

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[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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PAGE IX-17 21 OF SDR 9/30/91
SDR 9/27/91

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 9-18-90
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee
   Sheet[a] ____ of ____
   Unit 1
   Report Tracking No. 90-224 BR 123 AD
3. Work Performed by: TVA — Type Code Symbol Stamp[b] N/A ER 9-18-90
   Company
   P.O. Box 2000 — Authorization No.[b] N/A ER 9-18-90
   Address
   SPRING CITY, TN — Expiration Date[b] N/A ER 9-18-90
   City and State
4. Identification of System 01, M.S. ASME-CLASS 2
5(A). Applicable Construction Code AISC 1973
   Edition JUNE 1973 Addenda N/A ER 9-18-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W19P1
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   PIPE SUPPORT # 1001-A400-11-48 / N.V.R. EL. 729'-0", 2'-11" E. OF A1, 11'-11" S. OF X (2" ϕ PIPE)
6(B). Name of Manufacturer TVA
   Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A ER 9-18-90
6(D). National Board Number (if applicable) N/A ER 9-18-90
6(E). Other Identification (subassembly number, heat number, etc.) N/A ER 9-18-90
6(F). Year Built SUPPORT MODIFIED 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
   MODIFIED SUPPORT PER WORK PLAN* K-K06014A-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   * VIBRATION TEST ARC 11-21-91 — Nominal operating pressure ☐ — ARC 11-21-91 * Other ☒ — ER 9-18-90
   Pressure N/A ER 9-18-90 psi — Test Temperature N/A ER °F
9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.
ER 9-18-90
Responsible Engr [signature] / MEA-NC — Date 9-18-90
Organization

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ANII [signature] — Date 12/7/91

[a] Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b] For work performed by certificate holder
[c] Replaced (like or equivalent).
[d] Replacement (modification).
[e] When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 12-5-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1

3. Work Performed by: TVA
Company
Report Tracking No. 90-225
Type Code Symbol Stamp[b] N/A [initials] 12-5-90
P.O. BOX 2000
Address
Authorization No.[b] N/A [initials] 12-5-90
SPRING CITY, TN.
City and State
Expiration Date[b] N/A [initials] 12-5-90

4. Identification of System 063, S.I.S. ASME CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE, 1973 Addenda N/A [initials] 12-5-90
(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 — W1981
(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 63-1SIS-R205, SUPPORT VOIDED, AS & U COL LINE
EL 706'-0"
(B). Name of Manufacturer TVA AND BERGEN PATERSON PIPE SUPPORT CORP.
Address of Manufacturer (if known) SPRING CITY, TN. AND WOBORN, MASS.
(C). Manufacturer's Serial Number NO SERIAL NO. ASSIGNED TO ITEM
(D). National Board Number (if applicable) N/A [initials] 12-5-90
(E). Other Identification (subassembly number, heat number, etc.) N/A [initials] 12-5-90
(F). Year Built SUPPORT VOIDED 1990
(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
(H). ASME Code Stamped Yes ☐ No ☒
Brief description of repair or replacement work performed.
REMOVED ITEMS #1 THRU 12 & GROUT HOLES FOR ANCHORS - SUPPORT VOIDED

Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A [initials] 12-5-90 psi Test Temperature N/A [initials] 12-5-90 °F
Remarks: W.P. KP04667A-1

(N/A) Applicable manufacturer's data report[e] to be attached.
[initials] 12-5-90
Responsible Engr [signature] IMEA-NC Date 12-5-90
Organization

ANII [signature] Date 11-1-91

e[illegible] filled in by Testing and Diagnostic Programs Branch.
w[illegible] performed by certificate holder
laced (like or equivalent).
lacement (modification).
n required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

(Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
(Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Date 12-5-90

Sheet[a] ____ of ____
Unit 1

Work Performed by: TVA
Company

Report Tracking No. 90-227

Type Code Symbol Stamp[b] N/A [illegible] 12-5-90

P.O. BOX 2000
Address

Authorization No.[b] N/A [illegible] 12-5-90

SPRING CITY, TN.
City and State

Expiration Date[b] N/A [illegible] 12-5-90

Identification of System 063, S.I.S., ASME CLASS 2

. Applicable Construction Code AISC 1973
Edition JUNE, 1973 Addenda N/A [illegible] 12-5-90

. Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981

. Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 63-1SIS-R204, TS 4x4x3/8-A500 GRB, PL 3/4-A36, SSD, A5 & U COL. LINES, EL 703'-7 1/2", 1/4" FLAT BAR-A36

of Manufacturer TVA AND BERGEN PATERSON PIPE SUPPORT CORP.
Address of Manufacturer (if known) SPRING CITY, TN. AND WOBURN, MASS.
Manufacturer's Serial Number NO SERIAL NO. ASSIGNED TO ITEMS
National Board Number (if applicable) N/A [illegible] 12-5-90
Other Identification (subassembly number, heat number, etc.)
TS 4X4-HT# 254904 ; 3/4"PL-HT# WB7621 ; 1/4"FLAT BAR-HT# 10-1396
Year Built SUPPORT MODIFIED 1990
Repaired ☐ Replaced ☒[c] Replacement ☒[d]
ASME Code Stamped Yes ☐ No ☒

rief description of repair or replacement work performed.
ODIFY EXISTING PIPE SUPPORT-REMOVE STRUT AND CLAMP, ABANDON EXISTING LUGS, NSTALL T.S. AT NEW LOCATION.

ests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐ [illegible] 12-5-90
Pressure N/A [illegible] 12-5-90 psi Test Temperature N/A °F

emarks:
W.P. KP04667A-1

N/A) Applicable manufacturer's data report[e] to be attached.
[illegible] 5-90 Responsible Engr [illegible] 12-5-90 MEA-NC Date 12-5-90
(Organization [illegible] 12-5-90)

ANII [illegible] Date 11-1-91

N[illegible] filled in by Testing and Diagnostic Programs Branch.
'ork performed by certificate holder
ced (like or equivalent).
cement (modification).
required by Construction Code.

63-1SIS-R205

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 12-5-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Sheet[a] 1 of 1
Unit 1
Report Tracking No. 90-228 12-6-90

3. Work Performed by: TVA
Company
P.O. Box ~~2000~~ 2000 ED 3-19-91
Address
Spring City, Tenn.
City and State

Type Code Symbol Stamp[b] N/A TK 12-5-90
Authorization No.[b] N/A TK 12-5-90
Expiration Date[b] N/A TK 12-5-90

4. Identification of System 074 RHR ASME Class 1

5(A). Applicable Construction Code AISC 1973
Edition June 1973 Addenda ~~N/A~~ TK 12-5-90 N/A ED 3-19-91

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 w/1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
Pipe support ~~1-70-64~~ TK 12-5-90 RHR sys. Elv. 706'6" RB1 Az 341°
Rad = 38'-10" 1-74-6

6(B). Name of Manufacturer N/A TK 12-5-90
Address of Manufacturer (if known) N/A TK 12-5-90

6(C). Manufacturer's Serial Number N/A TK 12-5-90

6(D). National Board Number (if applicable) N/A TK 12-5-90

6(E). Other Identification (subassembly number, heat number, etc.) N/A TK 12-5-90

6(F). Year Built N/A TK 12-5-90

6(G). Repaired ☐ Replaced ☐[c] Replacement ☐[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
Hanger voided by DCN-F12668-A

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A TK 12-5-90 psi Test Temperature N/A TK 12-5-90 °F

9. Remarks:
N/A TSN 9-28-91

(N/A) Applicable manufacturer's data report[e] to be attached.
TK 12-5-90 Responsible Engr Tom Kirk / MEA NC Date 12-5-90
Organization

ANII [signature] Date 11-5-91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

APPENDIX D
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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 12-6-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-230 AT 12-7-90
3. Work Performed by: TVA
Company
P.O. Bx 2000
Address
SPRING City TENN
City and State
Type Code Symbol Stamp[b] N/A 12-10-90 REH
Authorization No.[b] N/A REH 12-10-90
Expiration Date[b] N/A REH 12-10-90
4. Identification of System 15
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A REH 12-6-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980/W81
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 47A400-6-123 AZ 158°30' Radius 45'6" Elev 707'11 3/4" supporting 2 3/4" PIPE REH 12-10-90
6(B). Name of Manufacturer N/A REH 12-6-90 TMW 10-3-91
Address of Manufacturer (if known) N/A 12-6-90 TMW 10-3-91
6(C). Manufacturer's Serial Number N/A 12-6-90 TMW 10-3-91
6(D). National Board Number (if applicable) N/A 12-6-90 TMW 10-3-91
6(E). Other Identification (subassembly number, heat number, etc.) N/A 12-6-90 TMW 10-3-91
6(F). Year Built N/A 12-6-90 TMW 10-3-91
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☐
7. Brief description of repair or replacement work performed.
Modified By WPKP05638A-1 DCN F-10220-C
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A REH 12-6-90 psi Test Temperature N/A REH 12-6-90 °F
9. Remarks: None

(N/A REH 12-6-90) Applicable manufacturer's data report[e] to be attached.
Responsible Engr Ronnie Hollaway / MEA Date 12-6-90
Organization
ANII B. Earnest Date 12/10/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

APPENDIX D
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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 12-14-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] 1 of 1
Unit 1
Report Tracking No. 90-232 17 12-14-90
3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] NA
P.O. Box 2000
Address
Authorization No.[b] N-1480-1
SPRING CITY TN 37381
City and State
Expiration Date[b] 8-6-91
4. Identification of System UPPER HEAD INJECTION SYSTEM
5(A). Applicable Construction Code NA DNC 12-14-90 19___
Edition ___ Addenda ___
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 EDITION THROUGH 1981 WINTER ADDENDA
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
ALL UHI PIPING AND HANGERS OUTSIDE THE REACTOR CAVITY. SEE W.P. E6429-5 DRAWINGS FOR COMPONENTS & LOCATIONS)
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) P.O. BOX 2000, SPRING CITY TN
6(C). Manufacturer's Serial Number NA DNC 12-14-90
6(D). National Board Number (if applicable) NA DNC 12-14-90
6(E). Other Identification (subassembly number, heat number, etc.)
SYS 87
6(F). Year Built 1984
6(G). Repaired ☐ Replaced ☐[c] Replacement ☐[d] REMOVED ☑
6(H). ASME Code Stamped Yes ☐ No ☐ NA DNC 12-14-90
7. Brief description of repair or replacement work performed.
REMOVED ALL UHI SYSTEM (PIPING & HANGERS) OUTSIDE OF THE REACTOR CAVITY. EMBEDED PLATES REPAIRED BY WELDING.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure ___ psi Test Temperature ___ °F
9. Remarks: NA DNC 12-14-90 NA DNC 12-14-90 ALL WORK FOR INSTALLATION WAS PERFORMED ON W.P. E-6429-3
( ) Applicable manufacturer's data report[e] to be attached.
Responsible Engr Dick M Egan / MEC Date 12-14-90
Organization
ANII B. Earnest Date 12/14/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

W.P. EG429-5
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3-25-92

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY Date 12-14-90
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000 Sheet[a] ____ of ____
Spring City, Tennessee Unit 1
Report Tracking No. 90-233 12-14-90
3. Work Performed by: TVA Type Code Symbol Stamp[b] NA
Company
PO BOX 2000 Authorization No.[b] N-81480-1
Address
SPRING CITY TN 37381 Expiration Date[b] 8-6-91
City and State
4. Identification of System UPPER HEAD INJECTION SYSTEM
5(A). Applicable Construction Code NA 12-14-90 19____
Edition NA 12-14-90 Addenda NA 12-14-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 EDITION THROUGH THE 1981 WINTER ADDENDA
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
ALL UHI INSIDE THE REACTOR CAVITY (SEE DRAWINGS IN W.P. E6429-1 FOR COMPONENTS & LOCATION)
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) P.O. BOX 2000, SPRING CITY TN
6(C). Manufacturer's Serial Number NA 12-14-90
6(D). National Board Number (if applicable) NA 12-14-90
6(E). Other Identification (subassembly number, heat number, etc.) SYS 87
6(F). Year Built 1984
6(G). Repaired ☐ Replaced ☐[c] Replacement ☐[d] REMOVED ☑
6(H). ASME Code Stamped Yes ☐ No ☐ N/A 12-14-90
7. Brief description of repair or replacement work performed.
REMOVE ALL UHI PIPING AND HANGERS INSIDE REACTOR CAVITY
8. Tests Conducted: Hydrostatic ☑ 12-14-90 Pneumatic ☐
Nominal operating pressure ☐ Other ☐ 12-14-90
Pressure NA 12-14-90 psi Test Temperature NA °F
9. Remarks: UPPER HEAD INJECTION SYSTEM INSIDE THE REACTOR CAVITY WAS REMOVED
ALL WORK FOR INSTALLATION WAS PERFORMED IN W.P. E6429-12

( ) Applicable manufacturer's data report[e] to be attached.
Responsible Engr [signature] MEL Date 12-14-90
Organization
ANII [signature] Date 12/14/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 12-15-90
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000 — Sheet[a] ____ of ____
   Spring City, Tennessee — Unit 1
   Report Tracking No. 90-234 R7 12-17-90
3. Work Performed by: TVA (Company) — Type Code Symbol Stamp[b] N/A Draft 4-15-91
   P. O. Box 2000 (Address) — Authorization No.[b] N/A Draft 4-15-91
   Spring City, TN 37381 (City and State) — Expiration Date[b] N/A Draft 4-15-91
4. Identification of System 072 Containment Spray, ASME-class 2.
5(A). Applicable Construction Code AISC 19 73
   Edition Seventh, 1973 Addenda N/A Draft 4-15-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 EDITION THROUGH 1981 WINTER ADDENDA. Draft 10-21-91
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   Pipe Support 47A437-5-6. R.B. U-1; A2=301°30', & R=56'-11"; & Support EL. 843'-10"; 10"ϕ Pipe.
6(B). Name of Manufacturer Bergen-Paterson Pipesupport corporation
   Address of Manufacturer (if known) N/A Draft 4-15-91
6(C). Manufacturer's Serial Number N/A Draft 4-15-91
6(D). National Board Number (if applicable) N/A Draft 4-15-91
6(E). Other Identification (subassembly number, heat number, etc.) B-P parts, 2252.7 (R/2) Strut Ass'y, & 6202.7 (R/1) Clamp (10"ϕ).
6(F). Year Built Support Modified 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ■[d]
6(H). ASME Code Stamped Yes ☐ No ■
7. Brief description of repair or replacement work performed.
   Modify pipe support by remove existing snubber & clamps replace them by the new B-P parts (shown in 6(E)) per DCA-P0R603-04-0.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐ Draft 4-15-91
   Pressure N/A Draft 4-15-91 psi Test Temperature N/A °F
9. Remarks: N/A 12-15-90 TIC

(N/A) Applicable manufacturer's data report[e] to be attached.

Responsible Engr Jac S Chao / MEA-NC (Organization) Date 12-15-90

ANII [signature] Date 10/21/91

[a] Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b] For work performed by certificate holder
[c] Replaced (like or equivalent).
[d] Replacement (modification).
[e] When required by Construction Code.

APPENDIX D
Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 12-15-90
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee
   Sheet[a] ____ of ____
   Unit 1
   Report Tracking No. 90-235 Rev 17 12-17-90
3. Work Performed by: TVA (Company) — Type Code Symbol Stamp[b] N/A Draft 4-15-91
   P. O. Box 2000 (Address) — Authorization No.[b] N/A Draft 4-15-91
   Spring City, TN 37381 (City and State) — Expiration Date[b] N/A Draft 4-15-91
4. Identification of System 072 Containment Spray, ASME-Class 2.
5(A). Applicable Construction Code AISC 19 73
   Edition Seventh, 1973 Addenda N/A Draft 4-15-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 EDITION THROUGH THE 1981 WINTER ADDENDA. Draft 4-21-91
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   Pipe Support 47A437-1-4; R.B. Unit-1; EL. 847'-1"; 10"ϕ Pipe; Az=300°50'; & R=23'-3¾".
6(B). Name of Manufacturer N/A Draft 4-15-91
   Address of Manufacturer (if known) N/A Draft 4-15-91
6(C). Manufacturer's Serial Number N/A Draft 4-15-91
6(D). National Board Number (if applicable) N/A Draft 4-15-91
6(E). Other Identification (subassembly number, heat number, etc.) N/A Draft 4-15-91
6(F). Year Built N/A Draft 4-15-91
6(G). Repaired ☐ Replaced ☐[c] Replacement ■[d]
6(H). ASME Code Stamped Yes ☐ No ■
7. Brief description of repair or replacement work performed.
   This support is deleted (Ref. DCN P-056603-A); and Removed by Workplan K-P056603A-1.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐
   Pressure N/A Draft 4-15-91 psi Test Temperature N/A Draft 4-15-91 °F
9. Remarks:
   N/A 12-15-90
   71C
   (N/A) Applicable manufacturer's data report[e] to be attached.

Responsible Engr Tao S Chao / MEA-NC (Organization) Date 12-15-90

ANII [signature] Date 10/21/91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

APPENDIX D
Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 12-15-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-236 87 12-17-90
3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] N/A 9/16/91
P. O. Box 2000
Address
Authorization No.[b] N/A 9/16/91
Spring City, TN 37381
City and State
Expiration Date[b] N/A 9/16/91
4. Identification of System 072 Containment Spray, ASME-class 2.
5(A). Applicable Construction Code AISC 1973
Edition Seventh, 1973 Addenda N/A DnH 4-15-91
5(B). Applicable Edition of Section XI utilized for Repairs or
Replacements 1980 EDITION THROUGH 1981 WINTER ADDENDA. DnH 4-15-91
6(A). Name of Component(s) and description (include size, capacity,
material, and location as needed to aid in identification)
Pipe Support 47A437-5-4; R.B. Unit-1; EL. 832'-4"; 10"ϕ pipe;
AZ=301°30'; & R=61'-0".
6(B). Name of Manufacturer N/A DnH 4-15-91
Address of Manufacturer (if known) N/A
6(C). Manufacturer's Serial Number N/A DnH 4-15-91
6(D). National Board Number (if applicable) N/A
6(E). Other Identification (subassembly number, heat number, etc.) N/A
6(F). Year Built N/A DnH 4-15-91
6(G). Repaired ☐ Replaced ☐[c] Replacement ■[d]
6(H). ASME Code Stamped Yes ☐ No ■
7. Brief description of repair or replacement work performed.
This support is deleted (Ref. DCN P-056603-A);
and Removed by Workplan K-P056603A-1.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A DnH 4-15-91 psi Test Temperature N/A DnH 4-16-91 °F
9. Remarks: N/A / 12-15-90
71C
(N/A) Applicable manufacturer's data report[e] to be attached.
Responsible Engr Jac S Chao / MEA-NC Date 12-15-90
Organization

ANII [signature] Date 10/21/91

[a] Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b] For work performed by certificate holder
[c] Replaced (like or equivalent).
[d] Replacement (modification).
[e] When required by Construction Code.

47A437-5-5 72-1CS-R114 47A437

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 12-15-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-237 12-17-90

3. Work Performed by: TVA
Company
P. O. Box 2000
Address
Spring City, TN 37381
City and State
Type Code Symbol Stamp[b] N/A 4-15-91
Authorization No.[b] N/A 4-15-91
Expiration Date[b] N/A 4-15-91

4. Identification of System 072 Containment Spray, ASME-Class 2.

5(A). Applicable Construction Code AISC 1973
Edition Seventh, 1973 Addenda N/A 4-15-91

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 EDITION THROUGH 1981 WINTER ADDENDA. 10-21-91

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
Pipe Support 47A437-5-5; R.B. Unit-1; EL. 844'-2¼"; 10"φ pipe; AZ=301°30'; & R=56'-11".

6(B). Name of Manufacturer N/A 4-15-91
Address of Manufacturer (if known) N/A

6(C). Manufacturer's Serial Number N/A 4-15-91

6(D). National Board Number (if applicable) N/A

6(E). Other Identification (subassembly number, heat number, etc.) N/A

6(F). Year Built N/A 4-15-91

6(G). Repaired ☐ Replaced ☐[c] Replacement ■[d]

6(H). ASME Code Stamped Yes ☐ No ■

7. Brief description of repair or replacement work performed.
This support is deleted (Ref. DCN P-05603-A); and Removed by Workplan K-P05603A-1.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A 4-15-91 psi Test Temperature N/A 4-15-91 °F

9. Remarks:
N/A 12-15-90
TIC

(N/A) Applicable manufacturer's data report[e] to be attached.

Responsible Engr Tao I Chao / MEA-NC Date 12-15-90
Organization

ANII [signature] Date 10/21/91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

72-ICS-R114

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 12-15-90
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee
   Sheet[a] ____ of ____
   Unit 1
   Report Tracking No. ~~90-237~~ 90-238 R7 12-17-90
3. Work Performed by: TVA (Company) — Type Code Symbol Stamp[b] N/A PwH 4-15-91
   P. O. Box 2000 (Address) — Authorization No.[b] N/A PwH 4-15-91
   Spring City, TN 37381 (City and State) — Expiration Date[b] N/A PwH 4-15-91
4. Identification of System 072 Containment Spray, ASME-class 2.
5(A). Applicable Construction Code AISC 1973
   Edition Seventh, 1973 Addenda N/A PwH 4-15-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 EDITION THROUGH W81 WINTER ADDENDA. JWH 10-21-91
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   Pipe Support 72-1CS-R114; A.B. Unit-1; 2'-7" E. of (A4); & 3'-1⅛" S. of (N); El. 746'-3½";
6(B). Name of Manufacturer Bergen-Paterson Pipe Support Corporation.
   Address of Manufacturer (if known) N/A PwH 4-15-91
6(C). Manufacturer's Serial Number N/A PwH 4-15-91
6(D). National Board Number (if applicable) N/A PwH 4-15-91
6(E). Other Identification (subassembly number, heat number, etc.) B-P parts, 2100.7 (R/6) Rigid Strut Ass'y; & 2003.3 (R/3) Rear Bracket.
6(F). Year Built Support Modified 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ■[d]
6(H). ASME Code Stamped Yes ☐ No ■
7. Brief description of repair or replacement work performed.
   Modify pipe support by remove existing snubber & Rear Bracket; Replace them by the new B-P parts [Shown in 6(E)] per DCA-P0R603-05-0 thru -09-0.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐
   Pressure N/A PwH 4-15-91 psi Test Temperature N/A PwH 4-15-91 °F
9. Remarks: N/A / 12-15-90
   N/A / 71C
   (N/A) Applicable manufacturer's data report[e] to be attached.

Responsible Engr Jao J Chao / MEA-NC Date 12-15-90
Organization

ANII [signature] Date 10/21/91

[a] Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b] For work performed by certificate holder
[c] Replaced (like or equivalent).
[d] Replacement (modification).
[e] When required by Construction Code.

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Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 12-15-90
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000 — Sheet[a] 1 of 1
   Spring City, Tennessee — Unit 1
   Report Tracking No. 90-239 87 12-17-90
3. Work Performed by: TVA — Type Code Symbol Stamp[b] N/A JBL 9-18-91
   Company
   P. O. Box 2000 — Authorization No.[b] N/A JBL 9-18-91
   Address
   Spring City, TN 37381 — Expiration Date[b] N/A JBL 9-18-91
   City and State
4. Identification of System 062, C.V.C.S., ASME - Class 1.
5(A). Applicable Construction Code AISC 1973
   Edition Seventh, 1973 Addenda N/A JBL 9-18-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   Pipe Support 062-1-62A-384; R.B. Unit-1; EL. 730'-6"; 2"ϕ Pipe; A2.=130°35'; R=45'-7".
6(B). Name of Manufacturer Bergen-Paterson Pipe Support Corporation.
   Address of Manufacturer (if known) N/A JBL 9-18-91
6(C). Manufacturer's Serial Number N/A JBL 9-18-91
6(D). National Board Number (if applicable) N/A JBL 9-18-91
6(E). Other Identification (subassembly number, heat number, etc.) B-P parts, 2015-1.5(R/1) Strut; & 6202-1.5(2"ϕ) Pipe Clamp. HT #813774 for 5/8"x12" Flat Bar, A-36.
6(F). Year Built Support Modified 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ■[d]
6(H). ASME Code Stamped Yes ☐ No ☐
7. Brief description of repair or replacement work performed.
   Modify pipe support by remove existing strut, clamp, plate, & SSDs; Replace them by the new B-P parts [shown in 6(E)] per DCA-P04720-01-0, & -02-0.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐ JBL 9-18-91
   Pressure N/A JBL 9-18-91 psi Test Temperature N/A °F
9. Remarks:
   N/A 12-15-90
   71C
   (N/A) Applicable manufacturer's data report[e] to be attached.
   Responsible Engr Jao J Chao / MEA-NC Date 12-15-90
   Organization
   ANII B. Eamigh Date 11/3/91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

IX Data Shts. (Misc.) 1062-1-62A-385

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Date 12-17-90

Sheet[a] 1 of 1
Unit 1
Report Tracking No. 90-240 87 12-17-90

3. Work Performed by: TVA
Company
P.O. BOX 2000
Address
Spring City, TN 37381
City and State

Type Code Symbol Stamp[b] N/A JSL 9-18-91
Authorization No.[b] N/A JSL 9-18-91
Expiration Date[b] N/A JSL 9-18-91

4. Identification of System 062, C.V.C.S., ASME-Class 1.
5(A). Applicable Construction Code AISC 1973
Edition Seventh, 1973 Addenda N/A JSL 9-18-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
Pipe support 062-1-63A-385; R.B. Unit-1; EL. 730'-6"; 2"ϕ pipe; 15"N. from AZ = 128°30'; & R = 45'-7".
(B). Name of Manufacturer N/A JSL 9-18-91
Address of Manufacturer (if known) N/A JSL 9-18-91
6(C). Manufacturer's Serial Number N/A JSL 9-18-91
6(D). National Board Number (if applicable) N/A JSL 9-18-91
6(E). Other Identification (subassembly number, heat number, etc.) N/A JSL 9-18-91
6(F). Year Built N/A JSL 9-18-91
6(G). Repaired ☐ Replaced ☐[c] Replacement ☐[d]
6(H). ASME Code Stamped Yes ☐ No ■
7. Brief description of repair or replacement work performed.
This pipe support is deleted (Ref. DCN P-04720-A); and Removed by Workplan K-P04720A-1.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A JSL 9-18-91 psi Test Temperature N/A JSL 9-18-91 °F
9. Remarks:
N/A 12-17-90
71C

(N/A) Applicable manufacturer's data report[e] to be attached.

Responsible Engr Jae S. Chao / MEA-NC Date 12-17-90
Organization

ANII B. Eamigh Date 11/3/91

[a] Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b] For work performed by certificate holder
[c] Replaced (like or equivalent).
[d] Replacement (modification).
[e] When required by Construction Code.

IX Data Shts. (Misc.)

WORKPLAN KP0471SA-1

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Page 1 of 1

Page IX-393

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

AN

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 12-10-90
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee — Sheet[a] 1 of 1
   Unit 1
   Report Tracking No. 90-241 87 12-17-90
3. Work Performed by: TVA — Type Code Symbol Stamp[b] N/A ~~N/A~~ 12-6-90
   Company
   P.O. BOX 2000 — Authorization No.[b] N/A ~~N/A~~ 12-6-90
   Address
   SPRING CITY, TN. — Expiration Date[b] N/A ~~N/A~~ 12-6-90
   City and State
4. Identification of System 063.SIS ASME CLASS 2
5(A). Applicable Construction Code AISC 1973
   Edition JUNE, 1973 Addenda N/A ~~N/A~~ 12-6-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   PIPE SUPPORT 47A435-3-3; 2440-15 SNUBBER; 6202-15 CLAMP FOR 24"ΦPIPE; EL 706'-0"; A3 & U CA LINES.
6(B). Name of Manufacturer TVA
   Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number SNUBBER S.N. 10625
6(D). National Board Number (if applicable) N/A ~~N/A~~ 12-6-90
6(E). Other Identification (subassembly number, heat number, etc.)
   PSC PART NO. 1801103-07
6(F). Year Built SUPPORT MODIFIED 1990
6(G). Repaired ☐ Replaced ☒[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
   REPLACE STRUT & CLAMP WITH NEW SNUBBER & CLAMP.
   Base metal repair performed on T.S. (5"x5"x ½" A500 Gr. B)
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐ ~~N/A~~ 12-6-90
   Pressure N/A ~~N/A~~ 12-6-90 psi Test Temperature N/A °F
9. Remarks:
   W.P. KP0471SA-1

(N/A) Applicable manufacturer's data report[e] to be attached.
~~N/A~~ 12-6-90
Responsible Engr [signature] MEA-NC Date 12-10-90
Organization

ANII [signature] Date 4-7-92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

WORKPLAN KP0471SA-1

APPENDIX D
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Page IX-511 B

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 12-10-90
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000 — Sheet[a] 1 of 1
   Spring City, Tennessee — Unit 1
   Report Tracking No. 90-242 R7 12-17-90
3. Work Performed by: TVA (Company) — Type Code Symbol Stamp[b] N/A 12-6-90
   P.O. BOX 2000 (Address) — Authorization No.[b] N/A 12-6-90
   SPRING CITY, TN. (City and State) — Expiration Date[b] N/A 12-6-90
4. Identification of System 063 S.I.S. ASME CLASS 2
5(A). Applicable Construction Code AISC 1973
   Edition JUNE, 1973 Addenda N/A 12-6-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 47A435-6-100; BP 2490-6 SNUBBER; 6202-7 CLAMP FOR 14"Ø PIPE; EL 682'-11¼"; A5 & V COL LINES
6(B). Name of Manufacturer TVA
   Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number SNUBBE S.N. 15608
6(D). National Board Number (if applicable) N/A 12-6-90
6(E). Other Identification (subassembly number, heat number, etc.)
PSC PART NO. 1801106-05
6(F). Year Built SUPPORT INSTALLED 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
INSTALL NEW SUPPORT - SNUBBER, CLAMP, TUBE STEEL, BASEPLATES & U.C. ANCHORS.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐ 12-6-90
   Pressure N/A 12-6-90 psi Test Temperature N/A °F
9. Remarks:
W.P. KP0471SA-1
P.S.I PERFORMED PER TI 50A

(N/A) Applicable manufacturer's data report[e] to be attached.
12-6-90
Responsible Engr [signature] MEA N/C Date 12-10-90
Organization 12-10-90

ANII [signature] Date 4-7-92.

[a] Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b] For work performed by certificate holder
[c] Replaced (like or equivalent).
[d] Replacement (modification).
[e] When required by Construction Code.

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APPENDIX D
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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 12-6-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Sheet[a] 1 of 1
Unit 1

3. Work Performed by: TVA
Company
P.O. BOX 2000
Address
SPRING CITY, TN.
City and State

Report Tracking No. 90-243 [illegible] 12-17-90
Type Code Symbol Stamp[b] N/A [illegible] 12-6-90
Authorization No.[b] N/A [illegible] 12-6-90
Expiration Date[b] N/A [illegible] 12-6-90

4. Identification of System ~~072~~ 063 [illegible] 12-6-90, S.I.S ASME CLASS 2

5(A). Applicable Construction Code AISC 1973
Edition JUNE, 1973 Addenda N/A [illegible] 12-6-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 47A437-1-52; BP 2440-.35 SNUBBER; 6202-.7 CLAMP FOR 1"Ø PIPE; EL 687'-9"; A5 & T COL. LINE

. Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number SNUBBER S.N. 3578

6(D). National Board Number (if applicable) N/A [illegible] 12-6-90

6(E). Other Identification (subassembly number, heat number, etc.)
PSC PART NO. 1801104-05

6(F). Year Built SUPPORT INSTALLED 1990

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
INSTALL NEW SUPPORT - SNUBBER AND CLAMP.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A [illegible] 12-6-90 psi Test Temperature N/A [illegible] 12-6-90 °F

9. Remarks:
W.P. KP04715A-1

(N/A) Applicable manufacturer's data report[e] to be attached.
[illegible] 12-6-90
Responsible Engr [signature] IMEA-NC Date 12-10-90
Organization

ANII [signature] Date 4-7-92

[a] [illegible]t Nos. filled in by Testing and Diagnostic Programs Branch.
[b] [illegible] work performed by certificate holder
[c] Replaced (like or equivalent).
[d] Replacement (modification).
[e] When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 12-10-90
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee
   Sheet[a] 1 of 1
   Unit 1
   Report Tracking No. 90-244 & 12-19-90
3. Work Performed by: TVA (Company) — Type Code Symbol Stamp[b] N/A Acm 12-6-90
   P.O. BOX 2000 (Address) — Authorization No.[b] N/A Acm 12-6-90
   SPRING CITY, TN. (City and State) — Expiration Date[b] N/A Acm 12-6-90
4. Identification of System 063 S.I.S. ASME CLASS 2
5(A). Applicable Construction Code AISC 1973
   Edition JUNE, 1973 Addenda N/A Acm 12-6-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   PIPE SUPPORT 47A437-1-53 BP 2540-.35 SNUBBER; BP 2640-.35 CLAMP FOR 1"ΦPIPE; EL 687-9"; A5 & U COL LINE.
(B). Name of Manufacturer TVA
   Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number SNUBBER S.N. 2586Z
6(D). National Board Number (if applicable) N/A Acm 12-6-90
6(E). Other Identification (subassembly number, heat number, etc.)
   PSC PART NO. 1801104-05
6(F). Year Built SUPPORT MODIFIED 1990
6(G). Repaired ☐ Replaced ☒[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
   INSTALL SNUBBER AND CLAMP (THIS SUPPORT REPLACES 63-1SIS-R255)
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐ Acm 12-6-90
   Pressure N/A Acm 12-6-90 psi Test Temperature N/A °F
9. Remarks:
   W.P. KP0471SA-1

(N/A) Applicable manufacturer's data report[e] to be attached.
Acm 12-6-90

Responsible Engr [signature] MEA-NC (Organization) Date 12-10-90

ANII [signature] Date 4-7-92

[a] Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b] For work performed by certificate holder
[c] Replaced (like or equivalent).
[d] Replacement (modification).
[e] When required by Construction Code.

APPENDIX D
Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 12-10-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] 1 of 1
Unit 1
3. Work Performed by: TVA
Company
Report Tracking No. 90-245 12-17-90
Type Code Symbol Stamp[b] N/A 12-6-90
P.O. BOX 2000
Address
Authorization No.[b] N/A 12-6-90
SPRING CITY, TN.
City and State
Expiration Date[b] N/A 12-6-90
4. Identification of System 063 S.I.S. ASME CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE, 1973 Addenda N/A 12-6-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 63-1SIS-R125 L 3x3x3/8
Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number NO SERIAL NO. ASSIGNED TO ITEM
6(D). National Board Number (if applicable) N/A 12-6-90
6(E). Other Identification (subassembly number, heat number, etc.)
L HEAT # 87395
6(F). Year Built SUPPORT MODIFIED 1990
6(G). Repaired ☐ Replaced ☒[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
REMOVE RING PLATE AROUND PIPE AND REPLACE WITH ANGLE ON TOP & BOTTOM OF PIPE TO SLEEVE
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐ 12-6-90
Pressure N/A 12-6-90 psi Test Temperature N/A °F
9. Remarks:
W.P. KP0471SA-1

(N/A) Applicable manufacturer's data report[e] to be attached.
12-6-90
Responsible Engr [signature] MEA-NC Date 12-10-90
Organization

ANII [signature] Date 4-7-92.

[a] Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b] Work performed by certificate holder
[c] Replaced (like or equivalent).
[d] Replacement (modification).
[e] When required by Construction Code.

2-MK-142
63-1SIS-R135
63-1SIS-R159
63-1SIS-R216
63-1SIS-R222

WORKPLAN KP04715A-1

APPENDIX D
Page 1 of 1

Page IX-46A

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 12-10-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] 1 of 1
Unit 1

3. Work Performed by: TVA
Company
Report Tracking No. 90-246 12-17-90
Type Code Symbol Stamp[b] N/A 12-6-90

P.O. BOX 2000
Address
Authorization No.[b] N/A 12-6-90

SPRING CITY, TN.
City and State
Expiration Date[b] N/A 12-6-90

4. Identification of System 063 S.I.S. ASME CLASS 2

5(A). Applicable Construction Code AISC 1973
Edition JUNE, 1973 Addenda N/A 12-6-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981

5(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 63-1SIS-R124; PLATE 3/8"; TUBE STEEL 6x6x1/2; EL 706'-0"; A3 & U COL LINES.

6(A). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number NO SERIAL NO. ASSIGNED TO ITEM

6(D). National Board Number (if applicable) N/A 12-6-90

6(E). Other Identification (subassembly number, heat number, etc.)
PLATE HEAT # 422L6791; TS HEAT # 256667

6(F). Year Built SUPPORT MODIFIED 1990

6(G). Repaired ☐ Replaced ☒[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
REMOVE RING PLATE AROUND PIPE AND REPLACE WITH T.S. ON TOP & BOTTOM OF PIPE TO SLEEVE.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A 12-6-90 psi Test Temperature N/A 12-6-90 °F

9. Remarks:
W.P. KP04715A-1

(N/A) Applicable manufacturer's data report[e] to be attached.
12-6-90
Responsible Engr [signature] MEA-NC Date 12-10-90
Organization

ANII [signature] Date 4-7-92

Sh... os. filled in by Testing and Diagnostic Programs Branch.
... k performed by certificate holder
Replaced (like or equivalent).
Replacement (modification).
When required by Construction Code.

63-1SIS-R125
63-1SIS-R135
63-1SIS-R159
63-1SIS-R214

WORKPLAN KP0475A-1

APPENDIX D
Page 1 of 1

Page IX-75A

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 12-10-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Sheet[a] 1 of 1
Unit 1
Report Tracking No. 90-247 12-17-90

3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] N/A 12-6-90

P.O. BOX 2000
Address
Authorization No.[b] N/A 12-6-90

SPRING CITY, TN.
City and State
Expiration Date[b] N/A 12-6-90

4. Identification of System 063 S.I.S. ASME CLASS 2

5(A). Applicable Construction Code AISC 1973
Edition JUNE, 1973 Addenda N/A 12-6-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 63-1SIS-R135 - SUPPORT VOIDED
A5 & V COL LINES; EL 682'-11 3/4".

(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number NO SERIAL NO. ASSIGNED TO ITEM

6(D). National Board Number (if applicable) N/A 12-6-90

6(E). Other Identification (subassembly number, heat number, etc.)
SUPPORT VOIDED

6(F). Year Built SUPPORT REMOVED 1990

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
REMOVE VOIDED SUPPORT

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A 12-6-90 psi Test Temperature N/A 12-6-90 °F

9. Remarks:
W.P. KP0475A-1

(N/A) Applicable manufacturer's data report[e] to be attached.
12-6-90
Responsible Engr [signature] / MEA-NC Date 12-10-90
Organization

ANII ~~N/A BME 3/21/92~~ BME 4/8/96 Date
B. Earnigh 4/8/96

Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[a]For work performed by certificate holder
[b]Replaced (like or equivalent).
[c]Replacement (modification).
[d]When required by Construction Code.

WORKPLAN KP04715A-1

APPENDIX D
Page 1 of 1

Page IX-84A

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 12-10-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] 1 of 1
Unit 1
Report Tracking No. 90-248 12-17-90

3. Work Performed by: TVA
Company
P.O. BOX 2000
Address
SPRING CITY, TN.
City and State
Type Code Symbol Stamp[b] N/A 12-6-90
Authorization No.[b] N/A 12-6-90
Expiration Date[b] N/A 12-6-90

4. Identification of System 063 S.I.S. ASME CLASS 2

5(A). Applicable Construction Code AISC 1973
Edition JUNE, 1973 Addenda N/A 12-6-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 63-1SIS-R159 - SUPPORT VOIDED
AS & U COL LINES; EL 682-11 3/4"

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number NO SERIAL NO. ASSIGNED TO ITEM

6(D). National Board Number (if applicable) N/A 12-6-90

6(E). Other Identification (subassembly number, heat number, etc.)
SUPPORT VOIDED

6(F). Year Built SUPPORT VOIDED 1990

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
REMOVE VOIDED SUPPORT

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A 12-6-90 psi Test Temperature N/A 12-6-90 °F

9. Remarks:
W.P. KP04715A-1

(N/A) Applicable manufacturer's data report[e] to be attached.
12-6-90
Responsible Engr [signature] / MEA-NC Date 12-10-90
Organization

ANII ~~N/A BME 3/21/92~~ BME 4/8/96 Date
B. Earnigh 4/8/96

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

WORKPLAN KP04715A-1

APPENDIX D
Page 1 of 1

Page IX-118A

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 12-10-90
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000 — Sheet[a] 1 of 1
   Spring City, Tennessee — Unit 1
   Report Tracking No. 90-249 R7 12-19-90
3. Work Performed by: TVA — Type Code Symbol Stamp[b] N/A Hcm 12-6-90
   Company
   P.O. BOX 2000 — Authorization No.[b] N/A Hcm 12-6-90
   Address
   SPRING CITY, TN. — Expiration Date[b] N/A Hcm 12-6-90
   City and State
4. Identification of System 063 S.I.S. ASME CLASS 2
5(A). Applicable Construction Code AISC 1973
   Edition JUNE, 1973 Addenda N/A Hcm 12-6-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   PIPE SUPPORT 63-1515-R249; BP 2000-1.5 RIGID ROD STRUT; 2600-1.5 CLAMP FOR 3"ΦPIPE
6(B). Name of Manufacturer TVA
   Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number NO SERIAL NO. ASSIGNED TO ITEM
6(D). National Board Number (if applicable) N/A Hcm 12-6-90
6(E). Other Identification (subassembly number, heat number, etc.)
   NO OTHER ID FOR THIS ITEM
6(F). Year Built SUPPORT
6(G). Repaired ☐ Replaced ☒[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
   REMOVE SNUBBER & CLAMP AND REPLACE WITH NEW STRUT & CLAMP.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐ Hcm 12-6-90
   Pressure N/A Hcm 12-6-90 psi Test Temperature N/A °F
9. Remarks:
   W.P. KP04715A-1

(N/A) Applicable manufacturer's data report[e] to be attached.
Hcm 12-6-90

Responsible Engr [signature] / MEA-NC Date 12-10-90
Organization

ANII [signature] Date 4/7/92

[a] Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b] For work performed by certificate holder
[c] Replaced (like or equivalent).
[d] Replacement (modification).
[e] When required by Construction Code.

WORKPLAN KP04715A-1

APPENDIX D
Page 1 of 1

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

(Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
(Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Date 12-12-90

Sheet[a] 1 of 1
Unit 1
Report Tracking No. 90-250 12-17-90

Work Performed by: TVA
Company

Type Code Symbol Stamp[b] N/A 12-6-90

P.O. BOX 2000
Address

Authorization No.[b] N/A 12-6-90

SPRING CITY, TN.
City and State

Expiration Date[b] N/A 12-6-90

Identification of System 063 S.I.S. ASME CLASS 2

). Applicable Construction Code AISC 1973
Edition JUNE, 1973 Addenda N/A 12-6-90

). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981

). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 63-1SIS-R278; TUBE STEEL 3½x3½ & 2x2; PLATE 8x8x½; ½"Ø CONCRETE ANCHORS (SSD'S); EL 689'-3"; A5 & T. COL LINES.

). ne of Manufacturer TVA

ress of Manufacturer (if known) SPRING CITY, TN.

). anufacturer's Serial Number NO SERIAL NO. ASSIGNED TO ITEM

). National Board Number (if applicable) N/A 12-6-90

). Other Identification (subassembly number, heat number, etc.)
TUBE STEEL HT. # KA-7557 & T04343

). Year Built SUPPORT MODIFIED 1990

). Repaired ☐ Replaced ☒[c] Replacement ☒[d]

). ASME Code Stamped Yes ☐ No ☒

Brief description of repair or replacement work performed.
REMOVE SNUBBER & CLAMP AND REPLACE WITH TUBE STEEL

Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A 12-6-90 psi Test Temperature N/A 12-6-90 °F

Remarks:
W.P. KP04715A-1

(N/A) Applicable manufacturer's data report[e] to be attached.
12-6-90

Responsible Engr [signature] ~~12-12-9~~ MEA-NC Date 12-12-90
Organization 12-12-90

ANII [signature] Date 4-7-92

ee s. filled in by Testing and Diagnostic Programs Branch.
r performed by certificate holder
placed (like or equivalent).
placement (modification).
en required by Construction Code.

WORKPLAN KP04715A-1

APPENDIX D
Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT Page IX-198A

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 12-12-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Sheet[a] 1 of 1
Unit 1

3. Work Performed by: TVA
Company
P.O. BOX 2000
Address
SPRING CITY, TN.
City and State

Report Tracking No. 90-251 12-17-90
Type Code Symbol Stamp[b] N/A 12-6-90
Authorization No.[b] N/A 12-6-90
Expiration Date[b] N/A 12-6-90

4. Identification of System 063 S.I.S. ASME CLASS 2

5(A). Applicable Construction Code AISC 1973
Edition JUNE, 1973 Addenda N/A 12-6-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 63-1SIS-R259; TUBE STEEL 3x3 & 2x2; EL 687'-9"; T&A5 COL. LINES.

. Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number NO SERIAL NO. ASSIGNED TO ITEM

6(D). National Board Number (if applicable) N/A 12-6-90

6(E). Other Identification (subassembly number, heat number, etc.)
TUBE STEEL HT# 149575 & T04343

6(F). Year Built SUPPORT MODIFIED 1990

6(G). Repaired ☐ Replaced ☒[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
REMOVE SNUBBER & CLAMP AND REPLACE WITH TUBE STEEL

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A 12-6-90 psi Test Temperature N/A 12-6-90 °F

9. Remarks:
W.P. KP04715A-1

(N/A) Applicable manufacturer's data report[e] to be attached.
12-6-90
Responsible Engr [signature] MEA-NC Date 12-12-90
Organization

ANII [signature] Date 4-7-92

[a] [illegible]t Nos. filled in by Testing and Diagnostic Programs Branch.
[b] [illegible] work performed by certificate holder
[c] Replaced (like or equivalent).
[d] Replacement (modification).
[e] When required by Construction Code.

63-1SIS-R278

WORKPLAN KP04715A-1

APPENDIX D
Page 1 of 1

Page IX-171A

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 12-12-90
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee
   Sheet[a] 1 of 1
   Unit 1
   Report Tracking No. 90-252 17 12-17-90
3. Work Performed by: TVA (Company) — Type Code Symbol Stamp[b] N/A 12-6-90
   P.O. BOX 2000 (Address) — Authorization No.[b] N/A 12-6-90
   SPRING CITY, TN. (City and State) — Expiration Date[b] N/A 12-6-90
4. Identification of System 063 SIS. ASME CLASS 2
5(A). Applicable Construction Code AISC 1973
   Edition JUNE, 1973 Addenda N/A 12-6-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   PIPE SUPPORT 63-1SIS-R255; BP 6202-1,5 CLAMP FOR 1"ϕ PIPE; 2015-1.5 RIGID ROD STRUT; PLATE ½"; ½"ϕ CONC. ANCHORS; EL 687'-9"; A5 & U COL LINES
6(B). Name of Manufacturer TVA
   Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number NO SERIAL NO. ASSIGNED TO ITEM.
6(D). National Board Number (if applicable) N/A 12-6-90
6(E). Other Identification (subassembly number, heat number, etc.)
   PLATE HT# A422T1922
6(F). Year Built SUPPORT MODIFIED 1990
6(G). Repaired ☐ Replaced ☒[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
   REMOVE STRUT & CLAMP IN THE X DIRECTION AND INSTALL NEW STRUT & CLAMP IN THE Y DIRECTION.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐ 12-6-90
   Pressure N/A 12-6-90 psi Test Temperature N/A °F
9. Remarks:
   W.P. KP04715A-1

(N/A) Applicable manufacturer's data report[e] to be attached.
12-6-90
Responsible Engr Frank Mann / MEA-NC Date 12-12-90
Organization

ANII [signature] Date 4/7/92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

9508170121

R-216

WORKPLAN KP0471SA-1

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APPENDIX D
Page 1 of 1

REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY Date 12-12-90
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] 1 of 1
Unit 1
Report Tracking No. 90-253 R7 12-17-90
3. Work Performed by: TVA Type Code Symbol Stamp[b] N/A Hem 12-6-90
Company
P.O. BOX 2000 Authorization No.[b] N/A Hem 12-6-90
Address
SPRING CITY, TN. Expiration Date[b] N/A Hem 12-6-90
City and State
4. Identification of System 063-SI, S. ASME CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE, 1973 Addenda N/A Hem 12-6-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 63-1SIS-R216; BP 2200-3 RIGID STRUT; 2640-6 CLAMP FOR 12"ϕ PIPE; ½" PLATE; ½"ϕ CONC. ANCHORS; EL 684'-1"; A5 & V COLLINES.
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number NO SERIAL NO. ASSIGNED TO ITEM.
6(D). National Board Number (if applicable) N/A Hem 12-6-90
6(E). Other Identification (subassembly number, heat number, etc.)
NO OTHER ID. FOR THIS ITEM.
6(F). Year Built SUPPORT
6(G). Repaired ☐ Replaced ☒[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
REMOVE SNUBBER AND REPLACE WITH STRUT
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐ Hem 12-6-90
Pressure N/A Hem 12-6-90 psi Test Temperature N/A °F
9. Remarks:
W.P. KP0471SA-1

(N/A) Applicable manufacturer's data report[e] to be attached.
Hem 12-6-90
Responsible Engr Frank Morris / MEA-NC Date 12-12-90
Organization

ANII [signature] Date 4-7-92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

WORKPLAN KP0471SA-1

APPENDIX D
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Page IX-422A

A1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 12-12-90
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee
   Sheet[a] 1 of 1
   Unit 1
   Report Tracking No. 90-254 12-17-90
3. Work Performed by: TVA (Company) — Type Code Symbol Stamp[b] N/A 12-6-90
   P.O. BOX 2000 (Address) — Authorization No.[b] N/A 12-6-90
   SPRING CITY, TN. (City and State) — Expiration Date[b] N/A 12-6-90
4. Identification of System 063 S.I.S. ASME CLASS 2
5(A). Applicable Construction Code AISC 1973
   Edition JUNE, 1973 Addenda N/A 12-6-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   PIPE SUPPORT 47A435-3-13; BP 2440-15 SNUBBER; 6175-25 CLAMP FOR 24"ϕ PIPE; EL 710'-3½"; A I & U CA LINES; (TUNNEL A)
6(B). Name of Manufacturer TVA
   Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number SNUBBER SERIAL # 797
6(D). National Board Number (if applicable) N/A 12-6-90
6(E). Other Identification (subassembly number, heat number, etc.)
   PSC PART NO. 1801103-07
6(F). Year Built SUPPORT INSTALLED 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
   INSTALL NEW SUPPORT, SNUBBER, CLAMP, PLATE & WEDGE BOLTS.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐ 12-6-90
   Pressure N/A 12-6-90 psi Test Temperature N/A °F
9. Remarks:
   W.P. KP0471SA-1

(N/A) Applicable manufacturer's data report[e] to be attached.
12-6-90
Responsible Engr Frank Morris / MEA-NC Date 12-12-90
Organization

ANII [signature] Date 4-7-92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

WORK PLAN KP0471SA-1

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

L.E. Date 12-6-90, 10-18-91

Sheet[a] 1 of 1
Unit 1
Report Tracking No. 90-255 17 12-17-90

3. Work Performed by: TVA (Company)
P.O. BOX 2000 (Address)
SPRING CITY, TN. (City and State)

Type Code Symbol Stamp[b] N/A Rev 12-6-90
Authorization No.[b] N/A Rev 12-6-90
Expiration Date[b] N/A Rev 12-6-90

4. Identification of System 063 S.I.S. ASME CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE, 1973 Addenda N/A Rev 12-6-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 63-1SIS-R254; BP 2640-.65 CLAMP FOR 1" Ø PIPE; 2540-.35 STRUT W/PSA1/4 SNUBBER; EL 687'-9"; A5 & U COL LINES.
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number SNUBBER SERIAL # 3444
6(D). National Board Number (if applicable) N/A Rev 12-6-90
6(E). Other Identification (subassembly number, heat number, etc.)
PSC PART NO. 1801104-05
6(F). Year Built SUPPORT MODIFIED 1990
6(G). Repaired ☐ Replaced ☒[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
REMOVE STRUT & CLAMP AND INSTALL NEW SNUBBER & CLAMP
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐ Rev 12-6-90
Pressure N/A Rev 12-6-90 psi Test Temperature N/A °F
9. Remarks:
W.P. KP0471SA-1

(N/A) Applicable manufacturer's data report[e] to be attached.
Rev 12-6-90
Responsible Engr [signature] MEA-NC Date
Organization

ANII [signature] Date 4/7/92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

WORKPLAN KP04715A-1

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APPENDIX D
Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

(Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
(Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Date 12-13-90

Sheet[a] 1 of 1
Unit 1
Report Tracking No. 90-256 R7 12-19-90

Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN.
City and State

Type Code Symbol Stamp[b] N/A N/A 12-6-90
Authorization No.[b] N/A N/A 12-6-90
Expiration Date[b] N/A N/A 12-6-90

Identification of System 063 SIS ASME CLASS 2

A). Applicable Construction Code AISC 1973
Edition JUNE, 1973 Addenda N/A N/A 12-6-90
B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981
A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PE SUPPORT 47A432-1-31; BP 2540-6 SNUBBERS; 1001 END ATTACHMENTS; 283A-BOLT FOR 14"Φ PIPE; C4; PLATE 1/2; EL 688.0'; A4 & V COL. LINES.
B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
C). Manufacturer's Serial Number SNUBBERS SERIAL # 15450 & 13787
D). National Board Number (if applicable) N/A N/A 12-6-90
E). Other Identification (subassembly number, heat number, etc.)
PLATE 1/2" HEAT # 434906
F). Year Built SUPPORT BUILT 1990
G). Repaired ☐ Replaced ☒[c] Replacement ☒[d]
H). ASME Code Stamped Yes ☐ No ☒

Brief description of repair or replacement work performed.
INSTALL NEW SUPPORT, 2-SNUBBERS, 2-END ATTACHMENTS, 2-CHANNELS & 2-PLATE WASHERS

Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐ N/A 12-6-90
Pressure N/A N/A 12-6-90 psi Test Temperature N/A °F

Remarks: PSI INSPECTION WAS PERFORMED ON SUPPORT, W.P. KP04715A-1

(N/A) Applicable manufacturer's data report to be attached.
N/A 12-6-90

Responsible Engr [signature] / MEA-NC Date 12-13-90
Organization

ANII [signature] Date 4/7/92

Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[c] For work performed by certificate holder
[d] Replaced (like or equivalent).
Replacement (modification).
[e] When required by Construction Code.

WORKPLAN KP04715A-1

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 12-10-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Sheet[a] 1 of 1
Unit 1
Report Tracking No. 90-257 12-17-90

3. Work Performed by: TVA
Company
P.O. BOX 2000
Address
SPRING CITY, TN.
City and State

Type Code Symbol Stamp[b] N/A 12-6-90
Authorization No.[b] N/A 12-6-90
Expiration Date[b] N/A 12-6-90

4. Identification of System 063 SIS ASME CLASS 2

5(A). Applicable Construction Code AISC 1973
Edition JUNE, 1973 Addenda N/A 12-6-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 47A435-3-2; BP 2100-12 RIGID STRUT; 6270-15 24"ϕ PIPE RISER CLAMP; 12-PIPE LUGS, EL 715'-0"; U & CI COL LINES; ERCW PIPE TUNNEL UNIT 1

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number NO SERIAL NO. ASSIGNED TO ITEM.

6(D). National Board Number (if applicable) N/A 12-6-90

6(E). Other Identification (subassembly number, heat number, etc.)
A36 PLATE HT# M88262; T.S. HT# 158597

6(F). Year Built SUPPORT MODIFIED 1990

6(G). Repaired ☐ Replaced ☒[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
REMOVE SNUBBER, CLAMP, BASEPLATES & ANCHORS AND INSTALL STRUT, CLAMP, U.C. ANCHORS, BASEPLATES & LUGS

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A 12-6-90 psi Test Temperature N/A 12-6-90 °F

9. Remarks:
W.P. KP04715A-1

(N/A) Applicable manufacturer's data report[e] to be attached.
12-6-90
Responsible Engr [signature] / MEA-NC Date 12-10-90
Organization

ANII [signature] Date 4-7-92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

12-15-90
Responsible Engr [signature] / MEA-N/C Date 12-15-90
Organization

ANII [signature] Date 4-7-92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY Date 12-17-90
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-264 87
3. Work Performed by: TVA Type Code Symbol Stamp[b] N/A Wog 12-17-90 12-17-90
Company
P.O. Box 2000 Authorization No.[b] N/A Wog 12-17-90
Address
Spring City, TN Expiration Date[b] N/A Wog 12-17-90
City and State
4. Identification of System 015 Blowdown ASME - Class 2
5(A). Applicable Construction Code ASME 1973
Edition June 1973 Addenda N/A Wog 12-17-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 / WBI
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
Pipe Support 47A400-6-96 1" Pipe Located El. 725'-3½" RB1 A22
6(B). Name of Manufacturer N/A Wog 12-17-90
Address of Manufacturer (if known) N/A Wog 12-17-90
6(C). Manufacturer's Serial Number N/A Wog 12-17-90
6(D). National Board Number (if applicable) N/A Wog 12-17-90
6(E). Other Identification (subassembly number, heat number, etc.) N/A Wog 12-17-90
6(F). Year Built N/A Wog 12-17-90
6(G). Repaired ☐ Replaced ☐[c] Replacement ☐[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
Pipe Support Voided by DCN P-05638A AND Removed Per WP K-P05638A-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A Wog 12-17-90 psi Test Temperature N/A °F
9. Remarks: None

( ) Applicable manufacturer's data report[e] to be attached. 12-17-90
Responsible Engr W.A. Snyder / MEA-NC Date ~~12-13~~ Wog 12-17-90
Organization

ANII B. Earnest Date 12/17/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 12-17-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-265 #7 12-17-90
3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] N/A Wog 12-17-90
P.O. Box 2000
Address
Authorization No.[b] N/A Wog 12-17-90
Spring City, TN
City and State
Expiration Date[b] N/A Wog 12-17-90
4. Identification of System 015 Blowdown ASME-Class 2
5(A). Applicable Construction Code AISC 1973
Edition June 1973 Addenda N/A Wog 12-17-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980/W81
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
Pipe Support H7A400-6-97 1" Pipe Located El. 725'-3" BB1 Az 152°-30
6(B). Name of Manufacturer N/A Wog 12-17-90
Address of Manufacturer (if known) N/A Wog 12-17-90
6(C). Manufacturer's Serial Number N/A Wog 12-17-90
6(D). National Board Number (if applicable) N/A Wog 12-17-90
6(E). Other Identification (subassembly number, heat number, etc.) N/A Wog 12-17-90
6(F). Year Built N/A Wog 12-17-90
6(G). Repaired ☐ Replaced ☐[c] Replacement ☐[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
Pipe Support Voided by DCN P05638A And Removed Per WP K-P05638A-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A Wog 12-17-90 psi Test Temperature N/A °F
9. Remarks: None

( ) Applicable manufacturer's data report[e] to be attached.

Responsible Engr W.A. Snyder / MEA-NC Date 12-17-90
Organization

ANII B. Eamigh Date 12/17/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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-3 J.E.M. 3/1/92

APPENDIX D
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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 9-20-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] N/A of N/A
Unit 1
Report Tracking No. 90-268

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN
City and State
Type Code Symbol Stamp[b] N/A EB 9-20-90
Authorization No.[b] N/A EB 9-20-90
Expiration Date[b] N/A EB 9-20-90

4. Identification of System 15, SGB ASME-CLASS 2

5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A EB 9-20-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT# 1001-A400-6-68/RB#1/EL.733'-0"/9 3/8" W. OF AZ 345°35' @ SG#4/ 5'-0" E. OF 0°/ 23'-7" S. OF 270° (4" ϕ PIPE)

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number N/A EB 9-20-90

6(D). National Board Number (if applicable) N/A EB 9-20-90

6(E). Other Identification (subassembly number, heat number, etc.) N/A EB 9-20-90
N/A DLE 1-8-92

6(F). Year Built SUPPORT MODIFIED IN 1990

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
MODIFIED SUPPORT PER WORK PLAN# K-P05640A-1 (welding)
N/A J.E.M. 3/1/92

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ *Other ☑
Pressure N/A EB 9-20-90 psi Test Temperature N/A EB 9-20-90 °F

9. Remarks: * VIBRATION TEST
N/A DLE 1-8-92

(N/A) Applicable manufacturer's data report[e] to be attached.
EB 9-20-90
Responsible Engr [signature] / MEA-NC Date 9-20-90
Organization

ANII [signature] Date 3-22-92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 9-20-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ~~N/A~~ of ___ 3/1/92
Unit 1
Report Tracking No. 90-269 12-18-9

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN
City and State
Type Code Symbol Stamp[b] N/A EB 9-20-90
Authorization No.[b] N/A EB 9-20-90
Expiration Date[b] N/A EB 9-20-90

4. Identification of System 15, SGB ASME-CLASS 2

5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A EB 9-20-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT# 1001-A400-6-81/RB#1/EL. 728'-5 1/16"/R=44'-6 3/4"/AZ 339°-35' (4" ϕ PIPE)

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number N/A EB 9-20-90

6(D). National Board Number (if applicable) N/A EB 9-20-90

6(E). Other Identification (subassembly number, heat number, etc.) N/A EB 9-20-90
N/A DLE 1-8-92

6(F). Year Built SUPPORT VOIDED IN 1990

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
SUPPORT VOIDED PER WORKPLAN# K-P05640A-1 (weld removal)
N/A DLE 1-8-92

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ *Other ☒
Pressure N/A EB 9-20-90 psi Test Temperature N/A EB 9-20-90 °F

9. Remarks: * VIBRATION TEST
N/A DLE 1-8-92

(N/A) Applicable manufacturer's data report[e] to be attached.
EB 9-20-90

Responsible Engr [signature] / MEA-NC Date 9-20-90
Organization

B. Earnigh 4/8/96
ANII ~~N/A EB 3/22/92~~ 4/8/96 Date ___

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

APPENDIX D
Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 9-20-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Sheet[a] N/A Glen 3/1/92 of
Unit 1
Report Tracking No. 90-270 12-18-90

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN
City and State

Type Code Symbol Stamp[b] N/A EB 9-20-90
Authorization No.[b] N/A EB 9-20-90
Expiration Date[b] N/A EB 9-20-90

4. Identification of System 15, SGB ASME-CLASS 2

5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A EB 9-20-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT# 1001-A400-6-82/RB#1/EL. 728'-5 1/16"/R=45'-0 1/2"/AZ 339° 35'
(4" ϕ PIPE)

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number N/A EB 9-20-90

6(D). National Board Number (if applicable) N/A EB 9-20-90

6(E). Other Identification (subassembly number, heat number, etc.) N/A EB 9-20-90
N/A DLE 1-8-92

6(F). Year Built SUPPORT VOIDED IN 1990

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
SUPPORT VOIDED PER WORK PLAN# K-P05640A-1
N/A DLE 1-8-92

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ *Other ☑
Pressure N/A EB 9-20-90 psi Test Temperature N/A EB 9-20-90 °F

9. Remarks: * VIBRATION TEST
N/A DLE 1-8-92

(N/A) Applicable manufacturer's data report[e] to be attached.
EB 9-20-90

Responsible Engr [signature] / MEA-NC Date 9-20-90
Organization

B. Earnigh 4/8/96 PmE 4/8/96
ANII ~~NA SB 3/22/92~~ Date

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

APPENDIX D
Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 9-20-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] N/A of
Unit 1
Report Tracking No. 90-271

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN
City and State
Type Code Symbol Stamp[b] N/A EB 9-20-90
Authorization No.[b] N/A EB 9-20-90
Expiration Date[b] N/A EB 9-20-90

4. Identification of System 15, SGB ASME-CLASS 2

5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A EB 9-20-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT# 1001-A400-6-88/RB#1/EL.735'-6"/AZ 16" W. OF 339°35'/R=45'-6" (4" ϕ PIPE)

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number N/A EB 9-20-90

6(D). National Board Number (if applicable) N/A EB 9-20-90

6(E). Other Identification (subassembly number, heat number, etc.) N/A EB 9-20-90
N/A DLE 1-8-92

6(F). Year Built SUPPORT MODIFIED IN 1990.

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
MODIFIED SUPPORT PER WORK PLAN# K-P05640A-1 (DELETED SNUBBER); (welding)
N/A DLE 1-8-92

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ *Other ☑
Pressure N/A EB 9-20-90 psi Test Temperature N/A EB 9-20-90 °F

9. Remarks: * VIBRATION TEST
N/A DLE 1-8-92

(N/A) Applicable manufacturer's data report[e] to be attached.
EB 9-20-90

Responsible Engr [signature] / MEA-NC Date 9-20-90
Organization

ANII [signature] Date 3/22/92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code

WP K-P05640A-1

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-72 [illegible] 3/1/92

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 9-20-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] N/A of N/A [illegible] 3/1/92 [illegible] 3/1/92
Unit 1
Report Tracking No. 90-272 [illegible] 12-18-90

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN
City and State
Type Code Symbol Stamp[b] N/A EB 9-20-90
Authorization No.[b] N/A EB 9-20-90
Expiration Date[b] N/A EB 9-20-90

4. Identification of System 15, SGB ASME-CLASS 2

5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A EB 9-20-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT# 1001-A400-6-89/RB#1/EL. 735'-6"/AZ 346°5'/R=45'-6"
(4" ϕ PIPE)

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number N/A EB 9-20-90

6(D). National Board Number (if applicable) N/A EB 9-20-90

6(E). Other Identification (subassembly number, heat number, etc.) N/A EB 9-20-90
N/A DLE 1-8-92

6(F). Year Built SUPPORT MODIFIED IN 1990

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
MODIFIED SUPPORT PER WORK PLAN# K-P05640A-1 (DELETED SNUBBER); (welding)
N/A DLE 1-8-92

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ *Other ☑
Pressure N/A EB 9-20-90 psi Test Temperature N/A EB 9-20-90 °F

9. Remarks: * VIBRATION TEST
N/A DLE 1-8-92

(N/A) Applicable manufacturer's data report[e] to be attached.
EB 9-20-90
Responsible Engr [signature] / MEA-NC Date 9-20-90
Organization

ANII [signature] Date 3/22/92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

WP K-P05640A-1

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-88 JRm 3/1/92

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 9-20-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Sheet[a] N/A JRm 3/1/92 of N/A JRm 3/1/92
Unit 1
Report Tracking No. 90-273 JF 12-18-90

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN
City and State

Type Code Symbol Stamp[b] N/A EB 9-20-90
Authorization No.[b] N/A EB 9-20-90
Expiration Date[b] N/A EB 9-20-90

4. Identification of System 15, SGB ASME-CLASS 2

5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A EB 9-20-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT # 1001-A400-6-95/RB#1/EL. 739'-6"/R=53'-5½"/AZ=350°30'
(4" ϕ PIPE)

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number N/A EB 9-20-90

6(D). National Board Number (if applicable) N/A EB 9-20-90

6(E). Other Identification (subassembly number, heat number, etc.) N/A EB 9-20-90
N/A DLE 1-8-92

6(F). Year Built SUPPORT VOIDED IN 1990

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
SUPPORT VOIDED PER WORKPLAN # K-P05640A-1
N/A DLE 1-9-92

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ *Other ☑
Pressure N/A EB 9-20-90 psi Test Temperature N/A EB 9-20-90 °F

9. Remarks: * VIBRATION TEST
N/A DLE 1-8-92

(N/A) Applicable manufacturer's data report[e] to be attached.
EB 9-20-90

Responsible Engr [signature] MEA-NC Date 9-20-90
Organization

ANII B. Earnight Date 4/8/96

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 12/19/90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-275 NF 12-19-90
3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] NA WDL 12/19/90
P O Box 2000
Address
Authorization No.[b] NA WDL 12/19/90
Spring City, TN
City and State
Expiration Date[b] NA WDL 12/19/90
4. Identification of System MAIN STEAM 01 ASME CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda NA
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 47A400-11-44 NORTH STEAM VALVE ROOM 7'0" W OF A1 11'-4½" S OF X EL 729.
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY TN
6(C). Manufacturer's Serial Number NA WDL 12/19/90
6(D). National Board Number (if applicable) NA WDL 12/19/90
6(E). Other Identification (subassembly number, heat number, etc.) NA WDL 12/19/90
6(F). Year Built SUPPORT DELETED 1990 (8/90)
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
SUPPORT DELETED PER WORK PLAN K-P060141A-1 / DCA K-060141-03-0
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☒*
Pressure NA WDL 12/19/90 psi Test Temperature NA WDL 12/19/90 °F
* VIBRATION TEST
9. Remarks:

( ) Applicable manufacturer's data report[e] to be attached.

Responsible Engr Wayne Leslie / NC-MEA Date 12/19/90
Organization

ANII B. Earnest N/A - WDL 12/21/90 Date 12/6/95

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 12/19/90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-276 12-19-90

3. Work Performed by: TVA
Company
P O Box 2000
Address
Spring City, TN
City and State
Type Code Symbol Stamp[b] NA WDL 12/19/90
Authorization No.[b] NA WDL 12/19/90
Expiration Date[b] NA WDL 12/19/90

4. Identification of System Main Steam 01 ASME Class 2

5(A). Applicable Construction Code AISC 1973
Edition June 1973 Addenda NA

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
Pipe Support 47A400-11-46 North Steam Valve Room 7'0" W of A1 14'-4½" S of X EL 729

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) Spring City TN

6(C). Manufacturer's Serial Number NA WDL 12/19/90

6(D). National Board Number (if applicable) NA WDL 12/19/90

6(E). Other Identification (subassembly number, heat number, etc.) NA WDL 12/19/90

6(F). Year Built Support Deleted 8/90

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☐

7. Brief description of repair or replacement work performed.
Support Deleted Per Work Plan K-P06014A-1 / DCA K-06014-04-0

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☒ *
* Vibration Test
Pressure NA WDL 12/19/90 psi Test Temperature NA WDL 12/19/90 °F

9. Remarks:

( ) Applicable manufacturer's data report[e] to be attached.

Responsible Engr Wayne Leslie / NC MEA Date 12/19/90
Organization

ANII B Eastnigh N/A 11/21/91 Date 12/6/95

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY Date 12/19/90
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-277 Rev 17 12-19-90
3. Work Performed by: TVA Type Code Symbol Stamp[b] NA WDL 12/19/90
Company
P O Box 2000 Authorization No.[b] NA WDL 12/19/90
Address
SPRING CITY, TN Expiration Date[b] NA WDL 12/19/90
City and State
4. Identification of System MAIN STEAM 01 ASME CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda NA
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 47A400-11-47 NORTH STEAM VALVE ROOM 4'-11½" W OF A1 8'-5" S OF X EL 729.0
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY TN
6(C). Manufacturer's Serial Number NA WDL 12/19/90
6(D). National Board Number (if applicable) NA WDL 12/19/90
6(E). Other Identification (subassembly number, heat number, etc.) NA WDL 12/19/90
6(F). Year Built SUPPORT DELETED 8/90
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☐
7. Brief description of repair or replacement work performed.
Support Deleted PER Work Plan K-P06014A-1 / DCA K-06014-04-0
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☒ VIBRATION TEST
Pressure NA WDL 12/19/90 psi Test Temperature NA WDL 12/19/90
9. Remarks:

( ) Applicable manufacturer's data report[e] to be attached.
Responsible Engr Wayne Leslie / NC MEA Date 12/19/90
Organization
B Earnest
ANII N/A 11-21-91 Date 12/6/95

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 12/19/90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 90-278 J4 12-19-90

3. Work Performed by: TVA
Company
P O Box 2000
Address
Spring City, TN
City and State
Type Code Symbol Stamp[b] NA WDL 12/19/90
Authorization No.[b] NA WDL 12/19/90
Expiration Date[b] NA WDL 12/19/90

4. Identification of System Main Steam 01 ASME Class 2

5(A). Applicable Construction Code AISC 1973
Edition June 1973 Addenda NA

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
Pipe Support 47A400-11-51 North Steam Value Room - 4½" W of A1 14'-4½" S of X EL 729

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) Spring City TN

6(C). Manufacturer's Serial Number NA WDL 12/19/90

6(D). National Board Number (if applicable) NA WDL 12/19/90

6(E). Other Identification (subassembly number, heat number, etc.) NA WDL 12/19/90

6(F). Year Built Support Deleted 8/90

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☐

7. Brief description of repair or replacement work performed.
Support Deleted Per Work Plan K-P06014A-1/DCA K-06014-07-0

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☒ Vibration Test
Pressure NA WDL 12/19/90 psi Test Temperature NA WDL 12/19/90 °F

9. Remarks:

( ) Applicable manufacturer's data report[e] to be attached.

Responsible Engr Wayne Leslie / NC MEA Date 12/19/90
Organization

ANII N/A B Earnigh 11/21/91 Date 12/6/95

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 12-1-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
3. Work Performed by: TVA
Company
Report Tracking No. 90-1225 R7 12-3-90
P.O. Box 2000
Address
Type Code Symbol Stamp[b] N/A
Authorization No.[b] N/A
Spring City, TN
City and State
Expiration Date[b] N/A
4. Identification of System 070 Component Cooling, ASME - Class 2
5(A). Applicable Construction Code AISC 1973
Edition Seventh, 1973 Addenda N/A
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W 1981.
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
Pipe Support 1070-70-1CC-R14; B.P. 2352-1.5, & 6202-1.5 6"ϕ clamp; A.B. EL. 719'-1"; 7'-1"E. (A4), 10'-7" N. (W).
6(B). Name of Manufacturer ~~TVA~~ 12-4-90 Bergen Paterson Corp.
Address of Manufacturer (if known) WBNP, Spring City, TN
6(C). Manufacturer's Serial Number N/A
6(D). National Board Number (if applicable) N/A
6(E). Other Identification (subassembly number, heat number, etc.) Mat'l Source TVA 575 # A036742.
6(F). Year Built Support Modified 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
Remove the existing Snubber & Clamp, and replace with the new Strut & Clamp.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A psi Test Temperature N/A °F
9. Remarks: Work completed on 10-15-90

(N/A) Applicable manufacturer's data report[e] to be attached.
Responsible Engr Jae J Chae IMEA-NC Date 12-1-90
Organization

ANII [signature] Date 12/4/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 12-1-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
3. Work Performed by: TVA
Company
Report Tracking No. 90-1226 17 12-3-90
P.O. Box 2000
Address
Type Code Symbol Stamp[b] N/A
Authorization No.[b] N/A
Spring City, TN
City and State
Expiration Date[b] N/A
4. Identification of System 070 Component Cooling, ASME-Class 2
5(A). Applicable Construction Code AISC 1973
Edition Seventh, 1973 Addenda N/A
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W 1981.
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
Pipe Support 1070-70-ICC-R19; B.P. 2252-1.5, & 6202-1.5 6" clamp. A.B. EL. 719'-7"; 3'-4½" E. (A4); & 12'-4" S. (W).
6(B). Name of Manufacturer TVA & Bergen Paterson Corp. 12-5-90
Address of Manufacturer (if known) WBNP, Spring City, TN
6(C). Manufacturer's Serial Number N/A
6(D). National Board Number (if applicable) N/A
6(E). Other Identification (subassembly number, heat number, etc.)
Mat'l Source TVA 175 # A036743.
6(F). Year Built Support Modified 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ■[d]
6(H). ASME Code Stamped Yes ☐ No ■
7. Brief description of repair or replacement work performed.
Remove the existing snubber & clamp, & replace with the new strut & clamp.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A psi Test Temperature N/A °F
9. Remarks: Work Completed on 10-15-90

(N/A) Applicable manufacturer's data report[e] to be attached.
Responsible Engr Jae J Chae IMEA-NC Date 12-1-90
Organization

ANII: [signature] Date 12/4/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 12-1-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
3. Work Performed by: TVA
Company
Report Tracking No. 90-1227 17 12-3A
Type Code Symbol Stamp[b] N/A
P.O. Box 2000
Address
Authorization No.[b] N/A
Spring City, TN
City and State
Expiration Date[b] N/A
4. Identification of System 070 Component Cooling, ASME-Class 2
5(A). Applicable Construction Code AISC 19 73
Edition Seventh, 1973 Addenda N/A
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W 1981.
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
Pipe Support 1070-70-1CC-R34; B-P 2252-1.5, & 6202-1.5 3"ϕ Clamp; A.B. EL. 733'-10"; 1'-0"E. (A4), & 4'-9"S. (W).
6(B). Name of Manufacturer 71[illegible] TVA & Bergen Paterson Corp.
Address of Manufacturer (if known) WBNP, Spring City, TN
6(C). Manufacturer's Serial Number N/A
6(D). National Board Number (if applicable) N/A
6(E). Other Identification (subassembly number, heat number, etc.)
Mat'l Source TVA 575 # A036744.
6(F). Year Built Support Modified 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ■[d]
6(H). ASME Code Stamped Yes ☐ No ■
7. Brief description of repair or replacement work performed.
Remove the existing Snubber & Clamp, and replace with the new strut & clamp.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A psi Test Temperature N/A °F
9. Remarks: Work completed on 10-15-90

(N/A) Applicable manufacturer's data report[e] to be attached.
Responsible Engr Jae J Chae IMEA-NC Date 12-1-90
Organization

ANII [signature] Date 12/4/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 12-1-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
3. Work Performed by: TVA (Company)
Report Tracking No. 90-1228 87 12-3-90
P.O. Box 2000 (Address)
Type Code Symbol Stamp[b] N/A
Spring City, TN (City and State)
Authorization No.[b] N/A
Expiration Date[b] N/A
4. Identification of System 070 Component Cooling, ASME - Class 2
5(A). Applicable Construction Code AISC 19 73
Edition Seventh, 1973 Addenda N/A
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W 1981.
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
Pipe Support 2070-70-2CC-R2V; B.P. 2252-1.5, & 6202-1.5 6"ϕ Clamp; A.B., EL. 719'-1½"; 7'-1"W. (A12); & 10'-7"N. (W).
6(B). Name of Manufacturer 71C 12-5-90 TVA & Bergen Paterson Corp.
Address of Manufacturer (if known) WBNP, Spring City, TN
6(C). Manufacturer's Serial Number N/A
6(D). National Board Number (if applicable) N/A
6(E). Other Identification (subassembly number, heat number, etc.)
Mat'l Source. TVA 2V74 # A036745.
6(F). Year Built Support Modified 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ■[d]
6(H). ASME Code Stamped Yes ☐ No ■
7. Brief description of repair or replacement work performed.
Remove the existing Snubber & Clamp, and replace with the new Strut & clamp.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A psi Test Temperature N/A °F
9. Remarks: Work Completed on 10-15-90

(N/A) Applicable manufacturer's data report[e] to be attached.
Responsible Engr Jae J Chae IMEA-NC Date 12-1-90
Organization

ANII [signature] Date 12-4-90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 12-1-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
3. Work Performed by: TVA
Company
Report Tracking No. 90-1229 87 12-34
P.O. Box 2000
Address
Type Code Symbol Stamp[b] N/A
Authorization No.[b] N/A
Spring City, TN
City and State
Expiration Date[b] N/A
4. Identification of System 070 Component Cooling, ASME - Class 2
5(A). Applicable Construction Code AISC 1973
Edition Seventh, 1973 Addenda N/A
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W 1981.
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
Pipe Support 2070-70-2CC-R40; B.P. 2252-1.5, & 6202-1.5 "ϕ Clamp; A.B., EL. 719'-8"; 3'-4½" W. (A12), & 5'-0" S. (N).
6(B). Name of Manufacturer TVA & Bergen Paterson Corp. 71C 12-6-90
Address of Manufacturer (if known) WBNP, Spring City, TN
6(C). Manufacturer's Serial Number N/A
6(D). National Board Number (if applicable) N/A
6(E). Other Identification (subassembly number, heat number, etc.) Mat'l Source, TVA 57S # A036746.
6(F). Year Built Support Modified 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ■[d]
6(H). ASME Code Stamped Yes ☐ No ■
7. Brief description of repair or replacement work performed.
Remove the existing snubber & clamp, and replace with the new strut & clamp.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A psi Test Temperature N/A °F
9. Remarks: Work completed on 10-15-90

(N/A) Applicable manufacturer's data report[e] to be attached.
Responsible Engr Jae J Chae IMEA-NC Date 12-1-90
Organization

ANII [signature] Date 12/4/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 12-1-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
3. Work Performed by: TVA
Company
Report Tracking No. 90-1230 17 12-31
P.O. Box 2000
Address
Type Code Symbol Stamp[b] N/A
Spring City, TN
City and State
Authorization No.[b] N/A
Expiration Date[b] N/A
4. Identification of System 070 Component Cooling, ASME-Class 2
5(A). Applicable Construction Code AISC 1973
Edition Seventh, 1973 Addenda N/A
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W 1981.
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
Pipe Support 2070-70-2cc-R47.; B.P. 2252-1.5, & 6202-1.5 "ϕ Clamp; A.B., EL. 733'-3"; 1'-10" W. (Air), & 4'-9" S. (W).
6(B). Name of Manufacturer TVA & Bergen Paterson Corp.
Address of Manufacturer (if known) WBNP, Spring City, TN
6(C). Manufacturer's Serial Number N/A
6(D). National Board Number (if applicable) N/A
6(E). Other Identification (subassembly number, heat number, etc.) Mat'l Source, TVA 575 # A036747.
6(F). Year Built Support Modified 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ■[d]
6(H). ASME Code Stamped Yes ☐ No ■
7. Brief description of repair or replacement work performed.
Remove the existing snubber & clamp, and replace with the new strut & clamp.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A psi Test Temperature N/A °F
9. Remarks: Work Completed on 10-15-90

(N/A) Applicable manufacturer's data report to be attached.
Responsible Engr Jae J Chae IMEA-NC Date 12-1-90
Organization

ANII [signature] Date 12/4/90

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 10-24-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 91-062-002

3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] NA 1-7-91
P.O. Box 2000
Address
Authorization No.[b] N1480-1
Spring City, TN. 37381
City and State
Expiration Date[b] Aug. 6, 1991

4. Identification of System 062, Chemical Volume Control, ASME Class II

5(A). Applicable Construction Code AISC 1973
Edition JUNE, 1973 Addenda NA 10-24-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980- W 1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
Pipe support 1062-62-1CVC-R154. Replaced existing A307 bolts with 2-1/2"ø c.s. A193 Bolts & 4-A194 nuts on pipe clamp.

6(B). Name of Manufacturer
Address of Manufacturer (if known)

6(C). Manufacturer's Serial Number

6(D). National Board Number (if applicable)

6(E). Other Identification (subassembly number, heat number, etc.)
T11C # BLD 967P & BHK 185A RD 111848 & 135194 respectively.

6(F). Year Built Bolts replaced in 1990.

6(G). Repaired ☐ Replaced ☑[c] Replacement ☐[d]

6(H). ASME Code Stamped Yes ☐ No ☐

7. Brief description of repair or replacement work performed.
Replaced 2-1/2"ø bolts & 4-NUTS on pipe clamp.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☑
Pressure ____ psi Test Temperature ____ °F

9. Remarks: Visual inspection required.

( ) Applicable manufacturer's data report[e] to be attached.

Responsible Engr [signature] NSSS Date 5/10/96
Organization

ANII [signature] Date 5/13/96

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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NA 7-10-91 ~~REFER TO RWL~~

SEE BACK OF PAGE FOR EXPLANATION OF REMOVAL OF LINE OUT.
5/10/96

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55 HP 1-8-91

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Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY Date 8-31-90
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000 Sheet[a] ____ of ____
Spring City, Tennessee Unit 1 1-18-91
Report Tracking No. 91-062-009
3. Work Performed by: TVA Type Code Symbol Stamp[b] N/A HP 1-8-91
Company
P.O. Box 2000 Authorization No.[b] N/A HP 1-18-91
Address
SPRING CITY, TN Expiration Date[b] N/A HP 1-18-91
City and State
4. Identification of System 062, CVCS; ASME-CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A 1-10-6-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 1062-62-1CVC-R262: ¼ A 1¼ X 1¼" (CUT TO SUIT)
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A JAN 8-31-90
6(D). National Board Number (if applicable) N/A JAN 8-31-90
6(E). Other Identification (subassembly number, heat number, etc.)
HT. # 353139
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
ADDED CLIP ANGLES TO PROVIDE UPWARD RESTRAINT
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A JAN 8-31-90 psi Test Temperature N/A JAN 8-31-90 °F
9. Remarks: NONE

(N/A) Applicable manufacturer's data report[e] to be attached.
JAN 8-31-90
Responsible Engr [signature] / MCNS Date 10-4-91
Organization

ANII [signature] Date 2-1-92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 8-25-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 91-062-010 1-18-91

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN
City and State
Type Code Symbol Stamp[b] N/A 1-13-91
Authorization No.[b] N/A JAN 8-25-90
Expiration Date[b] N/A JAN 8-25-90

4. Identification of System 062-CVCS; ASME-CLASS 2

5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A JAN 8-25-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 1062-62-1CVC-R268; 3/4"Ø WEDGE BOLTS, 3/4" PL, 3/8" TS 4"X4", 1" PL, 1/2" PL, & 1/4" TS 2"X2"

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number N/A JAN 8-25-90

6(D). National Board Number (if applicable) N/A JAN 8-25-90

6(E). Other Identification (subassembly number, heat number, etc.) TIIC# BBV762R (3/4" WB), HT.# W87621 (3/4" PL), HT.# 891984 (3/8" TS), HT.# M88262 (1" PL), HT.# 412K2681 (1/2" PL), HT.# T04343 (1/4" TS)

6(F). Year Built 1990

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☐

7. Brief description of repair or replacement work performed.
REMOVED AND COMPLETELY REBUILT SUPPORT

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A JAN 8-25-90 psi Test Temperature N/A JAN 8-25-90 F

9. Remarks: NONE

(N/A) Applicable manufacturer's data report[e] to be attached.
JAN 8-25-90
Responsible Engr [signature] 1 MOD 76 4 91 SGL 10-4-91 Date 10-4-91
Organization

ANII [signature] Date 2/1/92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 12-5-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] 1 of 1
Unit 1
Report Tracking No. 91-074-011 1-23-91

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
Spring City, Tenn.
City and State
Type Code Symbol Stamp[b] N/A TK 12-5-90
Authorization No.[b] N/A TK 12-5-90
Expiration Date[b] N/A TK 12-5-90

4. Identification of System 074 RHR ASME Class 1

5(A). Applicable Construction Code AISC 19 73
Edition June 1973 Addenda N/A TK 12-5-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 W/1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
Pipe Support 1-74-23 RB1, Elv. 709'2" - Az 354° Rad. 38'
N/A TK 12-5-90

6(B). Name of Manufacturer N/A TK 12-5-90
Address of Manufacturer (if known) N/A TK 12-5-90

6(C). Manufacturer's Serial Number N/A TK 12-5-90

6(D). National Board Number (if applicable) N/A TK 12-5-90

6(E). Other Identification (subassembly number, heat number, etc.) N/A TK 12-5-90
N/A TK 12-5-90

(F). Year Built N/A TK 12-5-90

(G). Repaired ☐ Replaced ☐[c] Replacement ☐[d]

(H). ASME Code Stamped Yes ☐ No ☒

. Brief description of repair or replacement work performed.
Support voided per DCN-F12668-A
N/A TK 12-5-90

. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A TK 12-5-90 psi Test Temperature N/A TK 12-5-90 °F

Remarks:
N/A BD 9-23-91

(N/A) Applicable manufacturer's data report[e] to be attached.
TK 12-5-90 Responsible Engr Tom Kinlaw 1 MEA NC Date 12-5-90
Organization

ANII M.B. Chapman Date 11-5-91

ıeet Nos. filled in by Testing and Diagnostic Programs Branch.
ɔr work performed by certificate holder
:placed (like or equivalent).
:placement (modification).
ıen required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 1-23-91
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 91-074-012 1-23-91
3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] N/A TK1-23-91
P.O. Box 2000
Address
Authorization No.[b] N/A TK1-23-91
Spring City, Tn.
City and State
Expiration Date[b] N/A TK1-23-91
4. Identification of System RHR (074) ASME CLASS 1
5(A). Applicable Construction Code AISC 19 73
Edition June 1973 Addenda N/A TK1-23-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 W 1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
Support #1-74-14 - 6" Pipe Clamp with A BP # 2540-6 SNUBBER Attached to supplemental steel. Located in RB1, El. 719'0", Az. 0° 9 9/16", 22' 7 5/8" South of Az. 270°
6(B). Name of Manufacturer Snubber (Bergen Patterson)
Address of Manufacturer (if known) N/A TK1-23-91
6(C). Manufacturer's Serial Number N/A TK1-23-91
6(D). National Board Number (if applicable) N/A TK1-23-91
6(E). Other Identification (subassembly number, heat number, etc.) N/A-TK1-23-91
N/A TK1-23-91
6(F). Year Built N/A TK 1-23-91
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
Stiffner plates added to supplemental steel.
N/A TK1-23-91
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A TK1-23-91 psi Test Temperature N/A TK1-23-91 °F
9. Remarks:
N/A (RW) 9-28-91
(N/A) Applicable manufacturer's data report[e] to be attached.
TK1-23-91 Responsible Engr Thomas Kinsler / MEA Date 1-23-91
Organization
ANII MB Chapman Date 11-4-91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 1-17-91

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 91-074-013 JT 1-23-91

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
Spring City, TN.
City and State
Type Code Symbol Stamp[b] N/A TK 1-17-91
Authorization No.[b] N/A TK 1-17-91
Expiration Date[b] N/A TK 1-17-91

4. Identification of System 074 (RHR) ASME CLASS 2

5(A). Applicable Construction Code AISC 19 73
Edition June 1973 Addenda N/A TK 1-17-91

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 W 1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
Support # 1074-1-74-1, 10" Pipe, Frame type support with stanchions welded to a pipe clamp. RB1, El. 717'11½", Az. 300°30', Rad= 51'1"

6(B). Name of Manufacturer N/A TK 1-17-91
Address of Manufacturer (if known) N/A TK 1-17-91

6(C). Manufacturer's Serial Number N/A TK 1-17-91

6(D). National Board Number (if applicable) N/A TK 1-17-91

6(E). Other Identification (subassembly number, heat number, etc.) N/A TK 1-17-91
N/A TK 1-17-91

6(F). Year Built N/A TK 1-17-91

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
Additional weld added per DCN P-05922-A
N/A TK 1-17-91

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A TK 1-17-91 psi Test Temperature N/A TK 1-17-91 °F

9. Remarks:
NA / [illegible] 9-28-91

(N/A) Applicable manufacturer's data report[e] to be attached.
TK 1-17-91

Responsible Engr [signature] / MEA Date 1-17-91
Organization

ANII [signature] Date 11-4-91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 01-25-91

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Sheet[a] ____ of ____
Unit 1
Report Tracking No. 91-072-018 RW 1-26-91

3. Work Performed by: TVA
Company
P. O. BOX 2000
Address
SPRING CITY, TENN.
City and State

Type Code Symbol Stamp[b] N/A JMW 1-25-91
Authorization No.[b] N/A JMW 1-25-91
Expiration Date[b] N/A JMW 1-25-91

4. Identification of System 072, CS, ASME-CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE, 1973 Addenda N/A JMW 1-25-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 1072-A437-3-10, Tube Steel 5"X5"X1/4", Tube Steel 4"X4"X 1/4" And Tube Steel 4"X2"X1/4" (8" Φ PIPE)
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING City, TN.
6(C). Manufacturer's Serial Number N/A JMW 1-25-91
6(D). National Board Number (if applicable) N/A JMW 1-25-91
6(E). Other Identification (subassembly number, heat number, etc.)
HTs #159086 for 5"X5", #158583 for 4"X4", #159939 for 4"X4" and #155833 for 4"X2"
6(F). Year Built NEW SUPPORT INSTALLED 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
INSTALL NEW SUPPORT PER DCN P-04491-A
N/A JMW 1-25-91
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A JMW 1-25-91 psi Test Temperature N/A JMW 1-25-91 °F
9. Remarks:
N/A JMW 1-30-91

(N/A) Applicable manufacturer's data report[e] to be attached.
JMW 1-25-91
Responsible Engr John M. William IMEA-NC Date ~~12-11~~ 01-25-91 JMW 1-25-91
Organization

ANII [signature] Date 11-2-91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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1081-A302-3-2
1081-A302-3-3
1081-A302-3-4

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 1-26-91
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee
   Sheet[a] ____ of ____
   Unit 1 — 1-28-91
   Report Tracking No. 91-003-019
3. Work Performed by: TVA (Company) — Type Code Symbol Stamp[b] N/A RLO 1-26-91
   P.O. Box 2000 (Address) — Authorization No.[b] N/A RLO 1-26-91
   SPRING CITY, TN. (City and State) — Expiration Date[b] N/A RLO 1-26-91
4. Identification of System 03 FEEDWATER
5(A). Applicable Construction Code ASME SECTION XI 1980
   Edition THROUGH 1981 WINTER Addenda N/A RLO 1-26-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   PIPE SUPPORT 1-03A-505, RIGID RESTRAINT W/16" GUARD PIPE AND 6" PIPE. REACTOR BLDG. #1, EL. 737'-0". 1/2" THK. STIFFENER PLATES.
6(B). Name of Manufacturer TVA
   Address of Manufacturer (if known) PO Box 2000, SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A RLO 1-26-91
6(D). National Board Number (if applicable) N/A RLO 1-26-91
6(E). Other Identification (subassembly number, heat number, etc.)
   1/2" THK. STIFFENER PLATES A36 HT.# B6781
6(F). Year Built 1990 12-5-90
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☐
7. Brief description of repair or replacement work performed.
   ADDED ~~ADDITIONAL~~ WELD AND STIFFENER PLATES
   ADDITIONAL RLO 1-26-91
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐
   Pressure N/A RLO 1-26-91 psi Test Temperature N/A RLO 1-26-91 °F
9. Remarks: WORK PERFORMED ON WORK PLAN K-P04529A-1

(N/A) Applicable manufacturer's ~~data~~ report[e] to be attached.
RLO 1-26-91
Responsible Engr Ronnie L. O'Kelley MEA — Date 1-26-91
Organization

ANII B. Eamigh — Date 11/2/91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

FW-R239 1-03A-480 1-03A-485 47A401-7-8 1-03A-487

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 1-29-91

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Sheet[a] ____ of ____
Unit 1
Report Tracking No. 91-001-020 AF 1-29-91

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
Spring City, Tn.
City and State

Type Code Symbol Stamp[b] N/A TK1-29-91
Authorization No.[b] N/A TK1-29-91
Expiration Date[b] N/A TK1-29-91

4. Identification of System Main Steam (001) ASME CLASS 2

5(A). Applicable Construction Code AISC 19 73
Edition June 1973 Addenda N/A TK1-29-91

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 w/1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
Two inch Pipe Supports, 47A400-11-14, 47A400-11-9, 47A400-11-6, 47A400-11-5. Originally installed in Auxillary Building.

6(B). Name of Manufacturer N/A TK1-29-91
Address of Manufacturer (if known) N/A TK1-29-91

6(C). Manufacturer's Serial Number N/A TK1-29-91

6(D). National Board Number (if applicable) N/A TK1-29-91

6(E). Other Identification (subassembly number, heat number, etc.)
See block 6(A)

6(F). Year Built N/A TK1-29-91

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
Supports deleted per DCN-K-06013-A WP-K-P0613A-1

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A TK1-29-91 psi Test Temperature N/A TK1-29-91 °F

9. Remarks: NONE

(N/A) Applicable manufacturer's data report[e] to be attached.

Responsible Engr Thomas Kimshu / MEA Date 1-29-91
Organization

ANIT * ~~NA Charles R. Dorek, QE~~ BMF 12/6/95 Date ~~1-17-92~~

*B. Eamyth 12/6/95

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 2-6-91
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 91-067-~~025~~ 026
3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] NA JT 2-6-91
N-1480-1 JRH
WATTS BAR NUCLEAR PLANT
Address
Authorization No.[b] ~~NA~~ ~~STAMP~~ 2-7-91
JRH 2-7-91 ~~JRH 2-7-91~~ 2-7-91
P.O. BOX 2000 SPRING CITY, TN
City and State
Expiration Date[b] ~~NA~~ 8-6-91
4. Identification of System 067 (ERCW)
5(A). Applicable Construction Code ASME SEC III 1971
Edition THROUGH Addenda SUMMER 1973
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W81
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
ESSENTIAL RAW COOLING WATER. 6" PIPE RB #1 AZ 171°-30', EL 720-0" OUTSIDE CONTAINMENT
6(B). Name of Manufacturer DRAVO CORP. PIPE FABRICATION DEPT.
Address of Manufacturer (if known) MARIETTA, OHIO
6(C). Manufacturer's Serial Number SN# 10091
6(D). National Board Number (if applicable) NA JRH 2-6-91
6(E). Other Identification (subassembly number, heat number, etc.)
SPOOL PIECE #67-ERCW-662
6(F). Year Built NA JRH 2-6-91
6(G). Repaired ☒ Replaced ☐[c] Replacement ☐[d]
6(H). ASME Code Stamped Yes ☒ No ☐
7. Brief description of repair or replacement work performed.
REPAIRED WELD #1067C-D294-08. GRIND TO REMOVE INDICATION IN SECTOR 1-2
8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure 211 psi Test Temperature 67 °F
9. Remarks: TEST PACKAGE # 1-067-47W845-3-2-5 R3 WP# NA067LA (CN-NEB 8661-2) REPAIR PERFORMED IN RESPONSE TO SCR 8651 RESOLUTION DWG # WBN E2879 IC-294(R3)
( ) Applicable manufacturer's data report[e] to be attached.
Responsible Engr Joe L. Huddleston / CCU Date 2-6-91
Organization
ANII B. Emrich Date 2/13/91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

JAN 11 1991
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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 2-6-91

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Sheet[a] ____ of ____
Unit 1

3. Work Performed by: TVA
Company
WATTS BAR NUCLEAR PLANT
Address
P.O. BOX 2000 SPRING CITY, TN.
City and State

Report Tracking No. 91-003-~~026~~ 027
Type Code Symbol Stamp[b] NA JH 2-6-91
Authorization No.[b] ~~NA STAMP~~ N-1480-1 JRH 2-7-91
Expiration Date[b] ~~NA~~ 8-6-91

4. Identification of System (03C) AUX. FEEDWATER

5(A). Applicable Construction Code ASME SEC III 1971
Edition THROUGH Addenda SUMMER 1973

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W81

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
AUX. FEEDWATER 4" PIPE. AB#1, EL 750'-0" A3!U LINE.

6(B). Name of Manufacturer DRAVO CORP. PIPE FABRICATION DEPT.
Address of Manufacturer (if known) MARIETTA, OHIO

6(C). Manufacturer's Serial Number SN#6647

6(D). National Board Number (if applicable) NA JRH 2-6-91

6(E). Other Identification (subassembly number, heat number, etc.)
SPOOL PIECE #03B-AF-70

6(F). Year Built NA JRH 2-6-91

6(G). Repaired ☒ Replaced ☐[c] Replacement ☐[d]

6(H). ASME Code Stamped Yes ☒ No ☐

7. Brief description of repair or replacement work performed.
REPAIRED WELD #1-003C-D011-06. GRIND TO REMOVE INDICATION IN SECTOR 3-0 WP# NA003GB

8. Tests Conducted: Hydrostatic ☒ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure 1485-1535 psi Test Temperature 83 °F

9. Remarks: TEST PACKAGE #1-03B-47W803-2-2-09 (R0) NA003GB. REPAIR PERFORMED IN RESPONSE TO SCR 8651 RESOLUTION
DWG# WBN E-2879 IC-11 (R5)

( ) Applicable manufacturer's data report[e] to be attached.

Responsible Engr [signature] CCU Date 2-6-91
Organization

ANII [signature] Date 2/13/91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

APPENDIX D
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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 2-14-91
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000 — Sheet[a] ____ of ____
   Spring City, Tennessee — Unit 1
   Report Tracking No. 91-062-028 (17 2-15-)
3. Work Performed by: TVA (Company) — Type Code Symbol Stamp[b] N/A 2-14-91
   P.O. Box 2000 (Address) — Authorization No.[b] N/A 2-14-91
   SPRING CITY, TN. (City and State) — Expiration Date[b] N/A 2-14-91
4. Identification of System #62, CVCS, ASME CLASS 2 (2"ø PIPE)
5(A). Applicable Construction Code AISC 19 73
   Edition JUNE 1973 Addenda N/A 2-14-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   PIPE SUPPORT # 1062-A 406-17-1, AUX. BLDG FLR. EL. 713'-0" 4'-0" N.OF U-LINE & 4'-0" W. OF A5.
6(B). Name of Manufacturer TVA
   Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A 2-14-91
6(D). National Board Number (if applicable) N/A 2-14-91
6(E). Other Identification (subassembly number, heat number, etc.)
   BP 6202-7 CLAMP & BP2252-7 RIGID STRUT.
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
   MODIFY EXISTING PIPE SUPPORT BY REMOVEING BOX ANCHOR AND INSTALLING A STRUT & CLAMP ASSY. UNDER WP# KP04729A-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐ 2-14-91
   Pressure N/A 2-14-91 psi Test Temperature N/A °F
9. Remarks: SUPT. COMPLETED AND DOCUMENTED 7-30-90 2-14-91
   N/A 2-1-92

(N/A) 2-14-91 Applicable manufacturer's data report[e] to be attached.

Responsible Engr [signature] MEA-NC Date 2-14-91
Organization

ANII S.B. Hatler Date 4-10-92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Co

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY Date 2-14-91
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000 Sheet[a] ____ of ____
Spring City, Tennessee Unit 1
Report Tracking No. 91-062-029 2-15-91
3. Work Performed by: TVA Type Code Symbol Stamp[b] N/A 2-14-91
Company
P.O. Box 2000 Authorization No.[b] N/A 2-14-91
Address
SPRING CITY, TN. Expiration Date[b] N/A 2-14-91
City and State
4. Identification of System # 62, CVCS, ASME CLASS 2 (2" ø PIPE)
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A 2-14-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT # 1062-A406-17-2, AUX. BLDG. EL. 713'-0"
2'-2" N. OF U-LINE & 3'-11" E. OF A5.
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A 2-14-91
6(D). National Board Number (if applicable) N/A 2-14-91
6(E). Other Identification (subassembly number, heat number, etc.)
BP-2252-1.5, BP-1000-1.5 & BP6504
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
MODIFY EXISTING PIPE SUPPORT PER WP# KP04729A-1
N/A GW 2-1-92
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐ 2-14-91
Pressure N/A psi Test Temperature N/A °F
9. Remarks: SUPPORT COMPLETED 2-14-91 AND DOCUMENTED 9-6-90 2-14-91
N/A GW 2-1-92

(N/A) Applicable manufacturer's data report[e] to be attached.
2-14-91 Responsible Engr [signature] MEA-NC Date 2-14-91
Organization

ANII [signature] Date 4-10-92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 2-14-91
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000 — Sheet[a] ____ of ____
Spring City, Tennessee — Unit 1
Report Tracking No. 91-062-30 2-15-91
3. Work Performed by: TVA — Type Code Symbol Stamp[b] N/A 2-14-91
Company
P.O. Box 2000 — Authorization No.[b] N/A 2-14-91
Address
SPRING CITY, TN. — Expiration Date[b] N/A 2-14-91
City and State
4. Identification of System "62, CVCS, ASME CLASS 2 (3"ø PIPE)
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A 2-14-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT "1062-A406-17-3, AUX. BLDG. EL. 713'-0" 10'-5" E. OF A4 & 2'-6" N. OF U-LINE.
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A 2-14-91
6(D). National Board Number (if applicable) N/A 2-14-91
6(E). Other Identification (subassembly number, heat number, etc.) N/A 2-14-91
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
INSTALL A NEW SUPPORT PER WP# KP04729A-1 2-14-91
N/A GW 2-1-92
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐ N/A 2-14-91
Pressure N/A 2-14-91 psi Test Temperature N/A °F
9. Remarks: SUPPORT COMPLETED AND DOCUMENTED 6-11-90 2-14-91
N/A GW 2-1-92

(N/A) Applicable manufacturer's data report[e] to be attached.

Responsible Engr [signature] / MEA-NC — Date 2-14-91
Organization

ANII S. B. Heater — Date 4-10-92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 2-14-91

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] 1 of 1
Unit 1
Report Tracking No. 91-062-31 2-15-91

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN.
City and State
Type Code Symbol Stamp[b] N/A 2-14-91
Authorization No.[b] N/A 2-14-91
Expiration Date[b] N/A 2-14-91

4. Identification of System # 62, CVCS, ASME CLASS 2 (2"Ø PIPE)

5(A). Applicable Construction Code AISC 19 73
Edition JUNE 1973 Addenda N/A 2-14-91

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT # 1062-A406-17-4, AUX. BLDG. EL. 737'-0"
6'-10" N. OF T-LINE & 10'-0" E. OF A4.

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number N/A 2-14-91

6(D). National Board Number (if applicable) N/A 2-14-91

6(E). Other Identification (subassembly number, heat number, etc.) BP-2200-3 & BP-2600-3

6(F). Year Built 1990

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
MODIFY EXISTING SUPPORT PER WP # KP04729A-1 2-14-91
N/A GW 2-1-92

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A 2-14-91 psi Test Temperature N/A 2-14-91 °F

9. Remarks: SUPPORT COMPLETED AND DOCUMENTED 7-24-90 2-14-91
N/A GW 2-1-92

(N/A) Applicable manufacturer's data report[e] to be attached.

2-14-91 Responsible Engr [signature] MEA-NC Date 2-14-91
Organization

ANII S. B. Heater Date 4-10-92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 2-14-91
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] 1 of 1
Unit 1
Report Tracking No. 91-062-32 AT 2-15-91
3. Work Performed by: TVA (Company) — Type Code Symbol Stamp[b] N/A 2-14-91
P.O. Box 2000 (Address) — Authorization No.[b] N/A 2-14-91
SPRING CITY, TN. (City and State) — Expiration Date[b] N/A 2-14-91
4. Identification of System 62, CVCS, ASME CLASS 2 (4"ø PIPE)
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A 2-14-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT # 1062-A406-17-5, AUX. BLDG. EL. 713'-0" 3'-7" W. OF AA & 6'-3" N. OF U-LINE.
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A 2-14-91
6(D). National Board Number (if applicable) N/A 2-14-91
6(E). Other Identification (subassembly number, heat number, etc.) N/A 2-14-91
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
INSTALL A NEW SUPPORT PER WP# KP04729A-1 2-14-91
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐ 2-14-91
Pressure N/A 2-14-91 psi Test Temperature N/A °F
9. Remarks: SUPPORT COMPLETED AND DOCUMENTED 6-14-90 2-14-91
N/A GW 2-1-92
(N/A) Applicable manufacturer's data report[e] to be attached.
2-14-91 Responsible Engr [signature] MEA-NC Date 2-14-91
Organization
ANII [signature] Date 4-10-92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY Date 2-14-91
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000 Sheet[a] ____ of ____
Spring City, Tennessee Unit 1
Report Tracking No. 91-062-33 87 2-15-91
3. Work Performed by: TVA Type Code Symbol Stamp[b] N/A 2-14-91
Company
P.O. Box 2000 Authorization No.[b] N/A 2-14-91
Address
SPRING CITY, TN. Expiration Date[b] N/A 2-14-91
City and State
4. Identification of System #62, CVCS, ASME-CLASS 2 (2"ø PIPE)
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A 2-14-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT # QG2-A-406-17-6, AUX BLDG EL. 737'-0"
9'-3" E. OF A5 & 7'-2" N. OF U-LINE.
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A 2-14-91
6(D). National Board Number (if applicable) N/A 2-14-91
6(E). Other Identification (subassembly number, heat number, etc.) N/A 2-14-91
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
INSTALL A NEW SUPPORT PER WP # KP04729A-1 2-14-91
N/A GW 2-5-92
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A 2-14-91 psi Test Temperature N/A 2-14-91 °F
9. Remarks: SUPPORT COMPLETED AND DOCUMENTED 6-11-90 2-14-91
N/A GW 2-1-92
(N/A) Applicable manufacturer's data report[e] to be attached.
2-14-91 Responsible Engr [signature] / MEA-NC Date 2-14-91
Organization
ANII S.B. Hester Date 4-10-92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY Date 2-14-91
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000 Sheet[a] ____ of ____
Spring City, Tennessee Unit 1
Report Tracking No. 91-062-34 87 2-15-91
3. Work Performed by: TVA Type Code Symbol Stamp[b] N/A 2-14-91
Company
P.O. Box 2000 Authorization No.[b] N/A 2-14-91
Address
SPRING CITY, TN. Expiration Date[b] N/A 2-14-91
City and State
4. Identification of System ± 62, CICS, ASME CLASS 2 (3"ø PIPE)
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A 2-14-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT ± 062-A406-17-7, AUX. BLDG. EL. 713'-0" 10'-0" E. OF A4 & 6'-6" N. OF T-LINE.
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A 2-14-91
6(D). National Board Number (if applicable) N/A 2-14-91
6(E). Other Identification (subassembly number, heat number, etc.) ~~N/A~~ 2-14-91 N/A 2-14-91
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
INSTALL A NEW SUPPORT PER WP ± KP04729A-1 2-14-91
N/A GW 2-5-92
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐ 2-14-91
Pressure N/A 2-14-91 psi Test Temperature N/A °F
9. Remarks: SUPPORT COMPLETED AND DOCUMENTED 7-10-90 2-14-91
N/A GW 2-5-92
(N/A) Applicable manufacturer's data report[e] to be attached.
2-14-91 Responsible Engr [signature] MEA-NC Date 2-14-91
Organization

ANII S. B. Hester Date 4-10-94

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT--FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 2-28-91
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1 EB 2-28-91 41
Report Tracking No. 91-074-XX
3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] N/A EB 2-28-91
P.O. Box 2000
Address
Authorization No.[b] N/A EB 2-28-91
SPRING CITY, TN
City and State
Expiration Date[b] N/A EB 2-28-91
4. Identification of System 74, RHR ASME-CLASS 1
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A EB 2-28-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT # 1074-1-74-12 / RB # 1 / EL. 706'-6", AZ = 338°, RD = 27'-0" (10" ∅ PIPE)
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A EB 2-28-91
6(D). National Board Number (if applicable) N/A EB 2-28-91
6(E). Other Identification (subassembly number, heat number, etc.) N/A EB 2-28-91
6(F). Year Built SUPPORT MODIFIED 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
MODIFIED SUPPORT PER WORK PLAN # K-P05922A-1
PSI INSPECTIONS PERFORMED INCLUDED VT-3 OF N-VT-1 PER TI-50A.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☑
Pressure N/A EB 2-28-91 psi Test Temperature N/A EB 2-28-91 °F
9. Remarks:

(N/A) EB 2-28-91 Applicable manufacturer's data report[e] to be attached.
Responsible Engr E. L. Bowman / MEA-NC Date 2-28-91
Organization
ANII [signature] Date 11-6-91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY Date 3-11-91
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000 Sheet[a] 1 of 1
Spring City, Tennessee Unit 1
Report Tracking No. 91-062-042 3-14-91

3. Work Performed by: TVA Type Code Symbol Stamp[b] N/A 3-11-91
Company
P.O. Box 2000 Authorization No.[b] N/A 3-11-91
Address
SPRING CITY, TN. Expiration Date[b] N/A 3-11-91
City and State

4. Identification of System 62-CVCS, ASME-CLASS 2 (3" ϕ PIPE)
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A 3-11-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
SUPPORT #1062-A060-62-152, AUX. BLDG. EL. 713'-0" 7'-6" W OF AS # 3'-9" N. OF U-LINE
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A 3-11-91
6(D). National Board Number (if applicable) N/A 3-11-91
6(E). Other Identification (subassembly number, heat number, etc.)
N/A 3-11-91
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
INSTALL A NEW SUPPORT, BOX ANCHOR TYPE, PER THE WP" KP04729A-1

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A 3-11-91 psi Test Temperature N/A 3-11-91 °F

9. Remarks: SUPPORT COMPLETED AND DOCUMENTED 8-1-90, ALSO REF. SUMMARY REPORT FOR INTEGRAL ATTACHMENT TO PIPE FOR BOX ANCHOR FRONT PL. 3-11-91
N/A GW 2-1-92

(N/A) Applicable manufacturer's data report[e] to be attached.

3-11-91 Responsible Engr Kenneth Kelly / MEA-NC Date 3-11-91
Organization

ANII S.B. Hood Date 4-10-92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

Date 3-11-91

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Sheet[a] 1 of 1
Unit 1
Report Tracking No. 91-062-043
Type Code Symbol Stamp[b] N/A 3-11-91

3. Work Performed by: TVA
Company
PO BOX 2000
Address
SPRING CITY, TN.
City and State

Authorization No.[b] N-1480-1
Expiration Date[b] AUG. 6, 1991

4. Identification of System 62, CVCS, ASME CLASS 2 (3"ø PIPE)
5(A). Applicable Construction Code ASME SECTION III 1971
Edition THROUGH Addenda SUMMER 1973
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 WINTER 1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT # 1062-A060-62-152 BOX ANCHOR INTEGRAL ATTACH. PL TO PIPE AUX. BLDG EL. 713'-0" 7'-6" W. OF AS & 3'-9" N. OF U-LINE.
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A 3-11-91
6(D). National Board Number (if applicable) N/A 3-11-91
6(E). Other Identification (subassembly number, heat number, etc.) 3/4" TK. PL HT.# 16138, MTL. SS SA240, TP304 TO 3"ø SS PIPE MTL. SA312 TP304
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
INSTALL A NEW SUPPORT, BOX ANCHOR TYPE, PER WP# KP04729A-1
N/A 2-1-92

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A 3-11-91 psi Test Temperature N/A 3-11-91 °F

9. Remarks: SUPPORT COMPLETED & DOCUMENTED 8-1-90. INTEGRAL WELD # 1-062A-D028-12A (REF. INM# WBN-E2879-IC-28 R/6) REF. N5 PARTIAL# X62-P8 HYDRO TEST REQUIRED WILL BE PERFORMED BY WP# M5708-2 REF. SES# 0594, SN6558, 62A-CVCS-95, SK-E-2879-328 DRAWO CODE DATA TAG REMOVAL N5 PARTIAL# X62-P8
(N/A) Applicable manufacturer's data report[e] to be attached.
3-11-91 Responsible Engr [signature] MEANC Date 3-11-91
Organization

ANII S.B. [signature] Date 4-10-92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 3-11-91
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee
   Sheet[a] ____ of ____
   Unit 1
   Report Tracking No. 91-062-~~043~~ 044 3-14-91
3. Work Performed by: TVA (Company) — Type Code Symbol Stamp[b] N/A 3-11-91
   P.O. Box 2000 (Address) — Authorization No.[b] N/A 3-11-91
   SPRING CITY, TN. (City and State) — Expiration Date[b] N/A 3-11-91
4. Identification of System 62, CVCS, ASME CLASS 2 (3"ø PIPE)
5(A). Applicable Construction Code AISC 19 73
   Edition JUNE 1973 Addenda N/A 3-11-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   SUPPORT #1062-A060-62-153, AUX. BLDG. EL. 713 7'-6" W. OF A5 & 2'-9" N. OF U-LINE
6(B). Name of Manufacturer TVA
   Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A 3-11-91
6(D). National Board Number (if applicable) N/A 3-11-91
6(E). Other Identification (subassembly number, heat number, etc.) N/A 3-11-91
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
   INSTALL A NEW SUPPORT, BOX ANCHOR TYPE, PER THE WP[a] KP04729A-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐ 3-11-91
   Pressure N/A 3-11-91 psi Test Temperature N/A °F
9. Remarks: SUPPORT COMPLETED AND DOCUMENTED 8-1-90; ALSO REF SUMMARY REPORT FOR INTEGRAL ATTACHMENT TO PIPE FOR BOX ANCHOR FRONT PL. 3-11-91
   N/A GW 2-1-92

(N/A) Applicable manufacturer's data report[e] to be attached.
3-11-91 Responsible Engr [signature] MEA-NC Date 3-11-91
Organization

ANII S.B. [signature] Date 4-10-92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 3-11-91
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee
   Sheet[a] ____ of ____ — 17
   Unit 1 — 3-14-91
   Report Tracking No. 91-062-045
3. Work Performed by: TVA — Type Code Symbol Stamp[b] N/A 3-11-91
   Company
   PO BOX 2000 — Authorization No.[b] N-1480-1
   Address
   SPRING CITY, TN. — Expiration Date[b] AUG. 6, 1991
   City and State
4. Identification of System 62, CVCS, ASME CLASS 2 (3"ø PIPE)
5(A). Applicable Construction Code ASME SECTION III 19 71
   Edition THROUGH Addenda SUMMER 1973
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 WINTER 1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   PIPE SUPPORT #1062-A060-62-153 BOX ANCHOR INTEGRAL ATTCH. TO PIPE AUX. BLDG EL. 713'-0" 7'-6" W. OF A5 & 2'-9" N. OF U-LINE
6(B). Name of Manufacturer TVA
   Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A 3-11-91
6(D). National Board Number (if applicable) N/A 3-11-91
6(E). Other Identification (subassembly number, heat number, etc.) 3/4" TK PL HT. #16138, MTL. SS SA240, TP304 TO (3"ø SS PIPE MTL. SA312 TP 304)
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
   INSTALL A NEW SUPPORT, BOX ANCHOR TYPE, PER WP # KP04729A-1
   N/A GW 2-1-92
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐ 3-11-91
   Pressure N/A 3-11-91 psi Test Temperature N/A °F
9. Remarks: SUPPORT COMPLETED & DOCUMENTED 8-1-90 INTEGRAL WELD #1-062A-D029-15A (REF WM# WBN-E2879-IC-29 R/S) REF. N5 PARTIAL #X62-P9 HYDRO TEST REQUIRED WILL BE PERFORMED BY WP# M-5708-2
   N/A GW 2-1-92
   (N/A) Applicable manufacturer's data report[e] to be attached.
   3-11-91 Responsible Engr [signature] / MEA-NC Date 3-11-91
   Organization
   ANII S. B. Heather Date 4-10-92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 3-12-91
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 91-062-046
3. Work Performed by: TVA (Company)
P.O. Box 2000 (Address)
SPRING CITY, TN. (City and State)
Type Code Symbol Stamp[b] N/A 3-12-91
Authorization No.[b] N/A 3-12-91
Expiration Date[b] N/A 3-12-91
4. Identification of System 62, CVCS ASME CLASS 2 (4"ø PIPE)
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A 3-12-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
SUPPORT #1062-62-1CVC-R61, AUX. BLDG. EL. 713'-0" 3'-0" N. OF U-LINE & 4'-5" W. OF A6.
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A 3-12-91 3-12-91 SN 955 & SN 8954 SNUBBER
6(D). National Board Number (if applicable) N/A 3-12-91
6(E). Other Identification (subassembly number, heat number, etc.) N/A 3-12-91 3-12-91 (2) PSA 3's. SNUBBERS.
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
MODIFY EXISTING PIPE SUPPORT BY REMOVING EXISTING LUGS & INSTALLING NEW LUGS AND SUPPORT PER WP# KP04729A-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐ 3-12-91
Pressure N/A 3-12-91 psi Test Temperature N/A °F
9. Remarks: SUPPORT COMPLETED AND DOCUMENTED 9-7-90, ALSO REF. SUMMARY REPORT FOR INTEGRAL ATTCHMENT REMOVAL AND INSTALLATION TO PIPE FOR LUGS. 3-12-91
N/A SW 2-1-92
(N/A) Applicable manufacturer's data report[e] to be attached.
3-12-91 Responsible Engr [signature] / MEA-NC Date 3-12-91
Organization
ANII S.B. Hale Date 4-10-92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 3-12-91
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee
   Sheet[a] 1 of 1
   Unit 1
   Report Tracking No. 91-062-048 3-14-91 17
3. Work Performed by: TVA (Company)
   P.O. Box 2000 (Address)
   SPRING CITY, TN. (City and State)
   Type Code Symbol Stamp[b] N/A 3-12-91
   Authorization No.[b] N/A 3-12-91
   Expiration Date[b] N/A 3-12-91
4. Identification of System 62, CVCS, ASME CLASS 2 (4" ϕ PIPE)
5(A). Applicable Construction Code AISC 1973
   Edition JUNE 1973 Addenda N/A 3-12-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   SUPPORT #1062-62-1CVC-R62, AUX. BLDG EL. 713'-0" 4'-5" W. OF AG & 6'-4" S. OF U-LINE.
6(B). Name of Manufacturer TVA
   Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number SNUBBERS, SN 4930 & SN 886
6(D). National Board Number (if applicable) N/A 3-12-91
6(E). Other Identification (subassembly number, heat number, etc.) (2) PSA 3 SNUBBERS.
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
   MODIFY EXISTING PIPE SUPPORT BY REMOVING EXISTING LUGS & INSTALLING NEW LUGS AND SUPPORT PER WP# KP04729A-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐
   Pressure N/A 3-12-91 psi Test Temperature N/A 3-12-91 °F
9. Remarks: SUPPORT COMPLETED AND DOCUMENTED 11-16-90, ALSO REF. SUMMARY REPORT FOR INTEGRAL ATTACHMENT REMOVAL AND INSTALLATION TO PIPE FOR LUGS.
   N/A GW 2-1-92

(N/A) Applicable manufacturer's data report[e] to be attached.
3-12-91 Responsible Engr [signature] / MEA-NC Date 3-12-91
Organization

ANII S.B. Hale Date 4-10-92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY Date 3-12-91
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000 Sheet[a] 1 of 1
Spring City, Tennessee Unit 1
Report Tracking No. 91-062-049 R7 3-14-91
3. Work Performed by: TVA Type Code Symbol Stamp[b] N/A 3-12-91
Company
PO BOX 2000 Authorization No.[b] N-1480-1
Address
SPRING CITY, TN. Expiration Date[b] AUG. 6, 1991
City and State
4. Identification of System 62, CVCS ASME CLASS 2 (4"Ø PIPE)
5(A). Applicable Construction Code ASME SECTION III 19 71
Edition THROUGH Addenda SUMMER 1973
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 WINTER 1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT #1062-62-1CVC-R62 LUGS INTEGRAL ATTCH TO PIPE AUX. BLDG. EL. 713'-0" 4'-5" W OF AG & 6'-4" S. OF U-LINE
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A 3-12-91
6(D). National Board Number (if applicable) N/A 3-12-91
6(E). Other Identification (subassembly number, heat number, etc.) (4) 1/2" IK PL'S HT.# 22802 MTL. SS. SA240, TP304 TO 4"Ø PIPE MTL. SA312, TP304
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
MODIFY EXISTING SUPPORT PER WP# KP04729A-1 R4 REMOVING (4) EXISTING LUGS AND INSTALLING (4) NEW LUGS
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐ 3-12-91
Pressure N/A 3-12-91 psi Test Temperature N/A °F
9. Remarks: SUPPORT COMPLETED & DOCUMENTED 11-16-90, INTEGRAL WELDS ADDED (4) #1-062A-D028-01E, -01F, -01G, -01H (REF. WM# WBN E2879-IC-28 R/6) REF. NS PARTIAL #X62-P8. INTEGRAL WELDS REMOVED (4) #1-062A-D028-01A, -01B, 01C, 01D & SN6551 DRAWO CATH TAG (REF. WM# E2879-IC-28 R/6, SES 0486 & 0646) NS PART'L #X62-P8. NO HYDRO REQ'D 3/12/91
(N/A) Applicable manufacturer's data report[e] to be attached.
3-12-91 Responsible Engr [signature] / MEA-NC Date 3-12-91
Organization
ANII [signature] Date 4-10-92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY Date 3-13-91
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 91-062-050 17 3-14
3. Work Performed by: TVA Type Code Symbol Stamp[b] N/A 3-13-91
Company
P.O. Box 2000 Authorization No.[b] N/A 3-13-91
Address
SPRING CITY, TN. Expiration Date[b] N/A 3-13-91
City and State
4. Identification of System 62, CVCS ASME CLASS 2 (3" Ø PIPE)
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A 3-13-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 1062-62-1CVC-R83 AUX. BLDG. EL. 737'-0" 6'-11" W. OF A5 & 2'-9" N. OF U-LINE
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A 3-13-91
6(D). National Board Number (if applicable) N/A 3-13-91
6(E). Other Identification (subassembly number, heat number, etc.) N/A 3-13-91
6(F). Year Built 1990 DELETED
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
DELETE SUPPORT PER WP KP04729A-1 3-13-91
N/A 2-1-92
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐ 3-13-91
Pressure N/A 3-13-91 psi Test Temperature N/A °F
9. Remarks: SUPPORT DELETED AND DOCUMENTED 6-7-90 3-13-91
N/A 2-1-92

(N/A) Applicable manufacturer's data reports to be attached.

3-13-91 Responsible Engr [signature] MEB-NC Date 3-13-91
Organization

ANII NA [signature] QE Date 2-26-92
B. Eamigh 4/8/96 Bone 4/8/96

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 3-13-91
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee
   Sheet[a] ____ of ____
   Unit 1
   Report Tracking No. 91-062-052
3. Work Performed by: TVA (Company)
   P.O. Box 2000 (Address)
   SPRING CITY, TN. (City and State)
   Type Code Symbol Stamp[b] N/A 3-13-91
   Authorization No.[b] N/A 3-13-91
   Expiration Date[b] N/A 3-13-91
4. Identification of System 62, CVCS, ASME CLASS 2 (3"Ø PIPE)
5(A). Applicable Construction Code AISC 1973
   Edition JUNE 1973 Addenda N/A 3-13-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   SUPPORT # 1062-62-1CVC-R103 AUX. BLDG. EL. 713'-0" 10'-0" E. of A4 & 6'-6" N. OF T-LINE 1
6(B). Name of Manufacturer TVA
   Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A 3-13-91
6(D). National Board Number (if applicable) N/A 3-13-91
6(E). Other Identification (subassembly number, heat number, etc.) N/A 3-13-91
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
   MODIFY EXISTING PIPE SUPPORT PER. WP # KP04729A-1
   N/A GJ 2-1-92
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐ 3-13-91
   Pressure N/A 3-13-91 psi Test Temperature N/A °F
9. Remarks: SUPPORT COMPLETED AND DOCUMENTED 11-19-90. 3-13-91
   N/A GJ 2-1-92

(N/A) Applicable manufacturer's data reports to be attached.

3-13-91 Responsible Engr [signature] MEA-NC Date 3-13-91
3-13-91 Organization

ANII S.B. Hunter Date 4-10-92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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8-22-91

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 3-13-91
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee
   Sheet[a] 1 of 1
   Unit I
   Report Tracking No. 91-062-053 3-14-91
3. Work Performed by: TVA (Company)
   P.O. Box 2000 (Address)
   SPRING CITY, TN. (City and State)
   Type Code Symbol Stamp[b] N/A 3-13-91
   Authorization No.[b] N/A 3-13-91
   Expiration Date[b] N/A 3-13-91
4. Identification of System 62, CVCS, ASME CLASS 2 (3" ø PIPE)
5(A). Applicable Construction Code AISC 1973
   Edition JUNE 1973 Addenda N/A 3-13-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   PIPE SUPPORT #062-62-1CVC-R112, AUX. BLDG EL. 713'-0" 2'-6" E. OF A4 & 6'-6" N. OF U-LINE.
6(B). Name of Manufacturer TVA
   Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A 3-13-91
6(D). National Board Number (if applicable) N/A 3-13-91
6(E). Other Identification (subassembly number, heat number, etc.) N/A 3-13-91
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
   MODIFY EXISTING PIPE SUPPORT BY REMOVING EXISTING SNUBBER AND INSTALLING NEW STRUT PER WP# KP04729A-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐
   Pressure N/A 3-13-91 psi Test Temperature N/A °F 3-13-91
9. Remarks: SUPPORT COMPLETED AND DOCUMENTED 6-21-90 3-13-91
   N/A SW 2-1-92

(N/A) Applicable manufacturer's data report[e] to be attached.

3-13-91 Responsible Engr [signature] / MEA-NC Date 3-13-91
Organization

ANII S.B. Hall Date 4-10-92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 3-13-91
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] 1 of 1
Unit 1
Report Tracking No. 91-062-054 3-14
3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] N/A 3.13.91
P.O. Box 2000
Address
Authorization No.[b] N/A 3.13.91
SPRING CITY, TN.
City and State
Expiration Date[b] N/A 3-13-91
4. Identification of System 62 CVCS ASME CLASS 2 (2" ØPIPE)
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A 3-13-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
SUPPORT #1062-62-1CVC-R114 AUX. BLDG. EL. 713'-0"
2'-7" E. OF A4 & 6'-6" N. OF U-LINE
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A 3.13.91
6(D). National Board Number (if applicable) N/A 3.13.91
6(E). Other Identification (subassembly number, heat number, etc.) N/A 3.13.91
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed. 3.13.91
MODIFY EXISTING SUPPORT PER WP & KP045 KP04729A-1.
N/A 2-1-92
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐ 3.13.91
Pressure N/A 3.13.91 psi Test Temperature N/A °F
9. Remarks: SUPPORT COMPLETED AND DOCUMENTED 6-22-90. 3-13-91
N/A 2-5-92

(N/A) Applicable manufacturer's data reports to be attached.
3.13.91 Responsible Engr MEA-NC Date 3-13-91
Organization

ANII S.B. Hale Date 4-10-92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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Page 1 of 1

WP KP04729A-1
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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 3-13-91

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 91-062-055 3-1

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN.
City and State
Type Code Symbol Stamp[b] N/A 3-13-91
Authorization No.[b] N/A 3-13-91
Expiration Date[b] N/A 3-13-91

4. Identification of System 62 CVCS, ASME CLASS 2 (2"ø PIPE)

5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A 3-13-91

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
SUPPORT 1062-62-1CVC-R130, AUX. BLDG. EL. 737'-0"
9'-0" W OF A6 & 4'-6" N. OF U-LINE.

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number N/A 3-13-91

6(D). National Board Number (if applicable) N/A 3-13-91

6(E). Other Identification (subassembly number, heat number, etc.)
N/A 3-13-91

6(F). Year Built 1990 DELETED

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
DELETED SUPPORT PER WP# KP04729A-1, 3-13-91
N/A 2-1-92

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A 3-13-91 psi Test Temperature N/A °F 3-13-91

9. Remarks: SUPPORT DELETED AND DOCUMENTED 6-7-90 3-13-91
N/A 2-1-92

(N/A) Applicable manufacturer's data report[e] to be attached.
3-13-91 Responsible Engr [signature] / MEA-NC Date 3-13-91
Organization

ANII NA Charles R. Dorsch, QE Date 2-26-92
B. Earnings 4/8/96
BME 4/8/96

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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PAGE IX-317

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 3-13-91

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 91-062-056 3-14-91

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN.
City and State
Type Code Symbol Stamp[b] N/A 3-13-91
Authorization No.[b] N/A 3-13-91
Expiration Date[b] N/A 3-13-91

4. Identification of System 62, CVCS, ASME CLASS-2 (3/4"ø PIPE)

5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A 3-13-91

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT #1062-406-2-22-2, AUX. BLDG. EL. 737'-0"
11'-5" W OF A5 & 6'-1" N. OF T-LINE

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number N/A 3-13-91

6(D). National Board Number (if applicable) N/A 3-13-91

6(E). Other Identification (subassembly number, heat number, etc.)
N/A 3-13-91

6(F). Year Built 1990 DELETED

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
DELETED SUPPORT PER WP# KP04729A-1 3-13-91
N/A 2-1-92

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A 3-13-91 psi Test Temperature N/A °F 3-13-91

9. Remarks: SUPPORT DELETED AND DOCUMENTED 7-11-90 3-13-91
N/A 2-1-92

(N/A) Applicable manufacturer's data report[e] to be attached.
3-13-91
Responsible Engr [signature] MEA-NC Date 3-13-91
Organization

ANII NA Charles R Donesh DE Date 2-26-92 4/8/96
B. Earnigh 4/8/96

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

APPENDIX D
Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 3/26/91

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 91-068-057 3-26-91

3. Work Performed by: TVA, MECH MAINT
Company
Type Code Symbol Stamp[b] N/A BHH 3/26/91
WATTS BAR NUCLEAR PLANT
Address
Authorization No.[b] N/A BHH 3/26/91
SPRING CITY, TN
City and State
Expiration Date[b] N/A BHH 3/26/91

4. Identification of System 68 REACTOR COOLANT

5(A). Applicable Construction Code ASME III 1971
Edition 1971 Addenda SUMMER 1971

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 / W81

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
STEAM GENERATOR TUBING ; 3/4" X .043 INCONEL 600 (SB-163) TUBING ; CODE CLASS I

6(B). Name of Manufacturer WESTINGHOUSE ELECTRIC CORP
Address of Manufacturer (if known) TAMPA, FLORIDA

6(C). Manufacturer's Serial Number 1593

6(D). National Board Number (if applicable) W10288

6(E). Other Identification (subassembly number, heat number, etc.)
STEAM GENERATOR No 3

6(F). Year Built 1975

6(G). Repaired ☑ Replaced ☐[c] Replacement ☐[d]

6(H). ASME Code Stamped Yes ■ No ☐

7. Brief description of repair or replacement work performed.
BLENDED TUBE END DAMAGE AT SG# 3CL, R9C13 LOCATION (REFERENCE MR No. A-670470)

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☑**
Pressure _____ psi Test Temperature _____ °F

9. Remarks: ** INSPECTED REPAIR AREA (TUBE TO TUBESHEET WELD) PER N-PT-9, N-GP-10, AND N-VT-3 (FINAL WELD DIMENISIONAL)

( ) Applicable manufacturer's data report[e] to be attached.
Responsible Engr B.H. Hooper NSS/SG MAINT Date 3/26/91
Organization

ANII [signature] Date 3-26-91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 4/9/91

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
91-058
Report Tracking No. ~~91-99-01~~

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN.
City and State
Type Code Symbol Stamp[b] N/A RLO 4/9/91
Authorization No.[b] N/A RLO 4/9/91
Expiration Date[b] N/A RLO 4/9/91

4. Identification of System 062 (CHEMICAL VOLUMN CONTROL)

5(A). Applicable Construction Code ASME SECTION ~~IX~~ XI 1980
Edition THROUGH 1981 WINTER Addenda N/A RLO* 4/9/91 * DA 11/4/91

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 1062-A406-9-42; PLATES A36; ANGLE A36; ½"ϕ SSD'S; RB #1; EL. 723'-1¾"; AZ. 320°; R= 41'

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) P.O. BOX 2000, SPRING CITY, TN.

6(C). Manufacturer's Serial Number N/A RLO 4/9/91

6(D). National Board Number (if applicable) N/A RLO 4/9/91

6(E). Other Identification (subassembly number, heat number, etc.)
5/8"X5"X10" PL HT.#=5B85530; 1½" THK. PL. HT.#=7477847; ANGLE HT.#=85-0966

6(F). Year Built 1990

6(G). Repaired ☐ Replaced ☐[c] Replacement ☐[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
THIS PIPE SUPPORT IS A NEW INSTALLATION, INSTALLED BY WORK PLAN NO. K-P04796A-1

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A RLO 4/9/91 psi Test Temperature N/A RLO 4/9/91 °F

9. Remarks:

(N/A) Applicable manufacturer's data report[e] to be attached.
RLO 4/9/91

Responsible Engr Kenneth L. O'Kelley / MEA Date 4/9/91
Organization

ANII [signature] Date 11/4/91

[a] Sheet Nos. filled in by Testing and Diagnostic Programs Branch
[b] For work performed by certificate holder
[c] Replaced (like or equivalent).
[d] Replacement (modification).
[e] When required by Construction Code.

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1062-A406-6-5
1-62A-711

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 4/18/91
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 91-062-061
3. Work Performed by: TVA
Company
P.O. BOX 2000
Address
SPRING CITY, TENN.
City and State
Type Code Symbol Stamp[b] N/A 4nw 4/18/91
Authorization No.[b] N/A 4nw 4/18/91
Expiration Date[b] N/A 4nw 4/18/91
4. Identification of System 062 CVC, ASME-CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A 4nw 4/18/91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 1062-62-1CVC-R182 B.P. 2200-1.5 STRUT, AND 1 1/4" Φ THK. A-36 BAR (3" Φ PIPE).
6(B). Name of Manufacturer TVA AND BERGEN PATERSON PIPE SUPPORT CORP.
Address of Manufacturer (if known) SPRINGCITY, TN. AND WOBURN, MASS.
6(C). Manufacturer's Serial Number FOR STRUT 2200-1.5
6(D). National Board Number (if applicable) N/A 4nw 4/18/91
6(E). Other Identification (subassembly number, heat number, etc.) HT # 34225 FOR THE 1 1/4" Φ BAR
6(F). Year Built SUPPORT MODIFIED 1990 6/1/90
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
Replaced damaged STRUT PER DCN P04601-A AND W.P. K-P04601A-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A 4nw 4/18/91 psi Test Temperature N/A 4nw 4/18/91 °F
9. Remarks: N/A (BW) 10-18-91

(N/A) Applicable manufacturer's data report[e] to be attached.
4nw 4/18/91
Responsible Engr John M. Williams / MEA-NC Date 4/18/91
Organization

ANII B. Eamigh Date 11/22/91

[a] Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b] Work performed by certificate holder
[c] Replaced (like or equivalent).
[d] Replacement (modification).
[e] When required by Construction Code.

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1062-62-1CVC-R176

1062-A40

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 4/18/91

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 91-062-062 JT 4-18-91

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
Spring City, TN
City and State

Type Code Symbol Stamp[b] N/A JMW 4/18/91
Authorization No.[b] N/A JMW 4/18/91
Expiration Date[b] N/A JMW 4/18/91

4. Identification of System 062, CVC, ASME-CLASS 2

5(A). Applicable Construction Code AISC 1973
Edition June 1973 Addenda N/A JMW 4/18/91

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980- W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
Pipe support 1062-62-1CVC-R176, Maxi-Bolt Anchor (Drillco) 5/8"ΦX17" and 4"X4"X1/2 angle. For 3"Φ pipe

6(B). Name of Manufacturer TVA and Drillco Maxi-Bolt
Address of Manufacturer (if known) Spring City, TN. and Harahan, Louisiana

6(C). Manufacturer's Serial Number Parts # MB-625-17-12

6(D). National Board Number (if applicable) N/A JMW 4/18/91

6(E). Other Identification (subassembly number, heat number, etc.)
HT # 44756 for 4X4X1/2 Angle (A36)

6(F). Year Built Support modified 1990 10/2/90

6(G). Repaired ☐ Replaced ☒[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
Modify existing support and replaced existing angle per DCN P04601-A and W.P. K-P04601A-1.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A JMW 4/18/91 psi Test Temperature N/A JMW 4/18/91 °F

9. Remarks:
N/A TED 10-15-91

(N/A) Applicable manufacturer's data report[e] to be attached.
JMW 4/18/91
Responsible Engr John M. Williams / MEA/NC Date 4/18/91
Organization

ANII B. Carnegh Date 11/22/91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 4/18/91
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee
   Sheet[a] ____ of ____
   Unit 1
   Report Tracking No. 91-062-063 17 4-18-91
3. Work Performed by: TVA (Company) — Type Code Symbol Stamp[b] N/A qmw 4/18/91
   P.O. Box 2000 (Address) — Authorization No.[b] N/A qmw 4/18/91
   Spring City, Tenn (City and State) — Expiration Date[b] N/A qmw 4/18/91
4. Identification of System 062 CVC, ASME-CLASS 2
5(A). Applicable Construction Code AISC 1973
   Edition June, 1973 Addenda N/A qmw 4/18/91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W 1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   Pipe Support 1062-A406-1-2 Added Weld Metal To Existing Tube Steel.
6(B). Name of Manufacturer Tennessee Valley Authority
   Address of Manufacturer (if known) Spring City, Tenn.
6(C). Manufacturer's Serial Number N/A qmw 4/18/91
6(D). National Board Number (if applicable) N/A qmw 4/18/91
6(E). Other Identification (subassembly number, heat number, etc.)
   Heat/Lot # For Weld Metal 2C822AG01
6(F). Year Built 1990 (Support Modified) 6/1/90
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
   Added Weld Metal To Existing Tube Steel Item's #3 & #7 Per DCN P-D4601-A and W.P. K-P04601A-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐
   Pressure N/A qmw 4/18/91 psi Test Temperature N/A qmw 4/18/91 °F
9. Remarks: N/A — TSW 10-18-91

(N/A) Applicable manufacturer's data report[e] to be attached.

Responsible Engr John M. Williams / MEA/NC (Organization) Date 4/18/91

ANII B. Earnigis Date 11/22/91

[a] Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b] For work performed by certificate holder
[c] Replaced (like or equivalent).
[d] Replacement (modification).
[e] When required by Construction Code.

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PAGE IX-35 OF IX-43 (43) qmw

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 4-18-91

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1

3. Work Performed by: TVA
Company
Report Tracking No. 91-015-068
P.O. Box 2000
Address
Type Code Symbol Stamp[b] N/A 4-18-91
SPRING CITY, TN.
City and State
Authorization No.[b] N/A 4-18-91
Expiration Date[b] N/A 4-18-91

4. Identification of System 15, BLOWDOWN, ASME CLASS 2 (4" Ø PIPE)

5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A 4-18-91

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
SUPPORT # 1001-A400-7-20, AUX. BLDG. EL. 729'-0", 7'-0" W. OF ℄ RE AZ 0° AND 19'-0" N. OF U-LINE (MOUNTED ON SHIELDWALL OUTSIDE FACE IN SOUTH VALVE

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number N/A 4-18-91

6(D). National Board Number (if applicable) N/A 4-18-91

6(E). Other Identification (subassembly number, heat number, etc.) N/A 4-18-91

6(F). Year Built 1990

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
MODIFY EXISTING PIPE SUPPORT PER WP # KP05641A-1

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A 4-18-91 psi Test Temperature N/A °F 4-18-91

9. Remarks: SUPPORT COMPLETED AND DOCUMENTED 2-6-90 4-18-91

(N/A) 4-18-91 Applicable manufacturer's data reports to be attached.

Responsible Engr [signature] / MEA-NC Date 4/8-91
Organization

ANII B. Earnest Date 3/4/92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

APPENDIX D
Page 1 of 1

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Date 4-18-91

Sheet[a] ____ of ____
Unit 1

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN.
City and State

Report Tracking No. 91-015-069 4-29-91
Type Code Symbol Stamp[b] N/A 4-18-91
Authorization No.[b] N/A 4-18-91
Expiration Date[b] N/A 4-18-91

4. Identification of System 15, BLOWDOWN, ASME CLASS 2 (4" Ø PIPE)
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A 4-18-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification) 4-18-91
SUPPORT #1001-A400-7-55, AUX. BLDG. EL. 729'-0", 10" W. OF A2 AND 18'-5" N. OF U-LINE (MOUNTED ON SHIELDWALL OUTSIDE FACE IN SOUTH VALVE RM.)
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A 4-18-91
6(D). National Board Number (if applicable) N/A 4-18-91
6(E). Other Identification (subassembly number, heat number, etc.) N/A 4-18-91
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
MODIFY EXISTING PIPE SUPPORT PER WP.# KP05641A-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A 4-18-91 psi Test Temperature N/A °F 4-18-91
9. Remarks: SUPPORT COMPLETED AND DOCUMENTED 7-18-90 4-18-91

(N/A) 4-18-91 Applicable manufacturer's data report[e] to be attached.
Responsible Engr [signature] MEA-NC Date 4-18-91
Organization
ANII B. Earnest Date 3/4/92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

A400-7-91

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WBK P 0 5 7 1 3 A = 1
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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 5-1-91
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee
   Sheet[a] ____ of ____
   Unit 1
   Report Tracking No. 91-074-074
3. Work Performed by: TVA (Company)
   P.O. Box 2000 (Address)
   SPRING CITY, TN. (City and State)
   Type Code Symbol Stamp[b] N/A
   Authorization No.[b] N/A
   Expiration Date[b] N/A
4. Identification of System 74, RHR, ASME-CLASS 2 (8"ø PIPE)
5(A). Applicable Construction Code AISC 1973
   Edition JUNE 1973 Addenda N/A
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   SUPPORT # 1072-A437-4-8, RB 1 EL. 819'-0", AZ-308°, R-60'-11⅛"
6(B). Name of Manufacturer TVA
   Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A
6(D). National Board Number (if applicable) N/A
6(E). Other Identification (subassembly number, heat number, etc.) N/A
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
   MODIFY EXISTING SUPPORT PER WP # K-P057I3A-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐
   Pressure N/A psi Test Temperature N/A °F
9. Remarks: SUPPORT COMPLETED AND DOCUMENTED 8-16-90; ALSO REF. SUMMARY REPORT FOR INTEGRAL ATTACHMENTS TO PIPE

(N/A) Applicable manufacturer's data reports to be attached.
Responsible Engr _____ MEA-NC Date 5-1-91
Organization

ANII _____ Date 5-1-91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 5-1-91
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee
   Sheet[a] ____ of ____
   Unit 1
   Report Tracking No. 91-074-075 5-6-91
3. Work Performed by: TVA (Company) — Type Code Symbol Stamp[b] N/A 5-1-91
   PO BOX 2000 (Address) — Authorization No.[b] N-1480-1
   SPRING CITY, TN. (City and State) — Expiration Date[b] AUG. 6, 1991
4. Identification of System 74, RHR, ASME CLASS 2 (8"ø PIPE)
5(A). Applicable Construction Code ASME SECTION III 19 71
   Edition THROUGH Addenda SUMMER 1973
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 WINTER 1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   PIPE SUPPORT 1072-A437-4-8, LUGS AND NAME DATA TAG INTEGRAL ATTACHMENT TO PIPE. RB1 EL. 819'-0", AZ. 308°, R-60'-11 1/8"
6(B). Name of Manufacturer TVA
   Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number DRAWG DATA TAG. # 7143
6(D). National Board Number (if applicable) N/A 5-1-91
6(E). Other Identification (subassembly number, heat number, etc.) PLATE 1" LUGS HT# 24812, MTL. SS. SA240 TP304 (4)EA AND DATA TAG REF. ITM #6(C)
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
   MODIFY EXISTING SUPPORT PER WP # KP05713A-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐ 5-1-91
   Pressure N/A 5-1-91 psi Test Temperature N/A °F
9. Remarks: SUPPORT COMPLETED AND DOCUMENTED 8-16-90. INTEGRAL WELD # 1-0728-D070-03E, -03F, -03G, -03H & -03J (REF WM # WBN-E2879-IC-70 R/8 & WMCR # R8A.) REF. NS PARTIAL # X72-P1
   NO HYDRO REQUIRED
   (N/A) Applicable manufacturer's data report[e] to be attached.
   5-1-91 Responsible Engr [signature] / MEA-NC Date 5-1-91
   Organization

ANII [signature] Date 11-1-91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 5-1-91
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee
   Sheet[a] ____ of ____
   Unit 1
   Report Tracking No. 91-074-076 5-6-91
3. Work Performed by: TVA (Company) — Type Code Symbol Stamp[b] N/A 5-1-91
   P.O. Box 2000 (Address) — Authorization No.[b] N/A 5-1-91
   SPRING CITY, TN. (City and State) — Expiration Date[b] N/A 5-1-91
4. Identification of System 74, RHR, ASME CLASS 2 (8"ø PIPE)
5(A). Applicable Construction Code AISC 1973
   Edition JUNE 1973 Addenda N/A 5-1-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   SUPPORT # 1072-A437-4-7, RB1 EL. 819'-0", AZ-306°, R-60'-10 5/8"
6(B). Name of Manufacturer TVA
   Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A 5-1-91
6(D). National Board Number (if applicable) N/A 5-1-91
6(E). Other Identification (subassembly number, heat number, etc.) N/A 5-1-91
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
   MODIFY EXISTING SUPPORT PER WP# KP05713A-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐
   Pressure N/A 5-1-91 psi Test Temperature N/A 5-1-91 °F
9. Remarks: SUPPORT COMPLETED AND DOCUMENTED 8-16-90. ALSO REF. SUMMARY REPORT FOR INTEGRAL ATTACHMENTS TO PIPE

(N/A) 5-1-91 Applicable manufacturer's data reports to be attached.

Responsible Engr [signature] MEA-NC Date 6-1-91
Organization

ANII [signature] Date 11-1-91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

A437-1-9
A437-1-51

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 5-1-91

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Sheet[a] ____ of ____
Unit 1
Report Tracking No. 91-074-077 5-6-91

3. Work Performed by: TVA
Company
PO BOX 2000
Address
SPRING CITY, TN.
City and State

Type Code Symbol Stamp[b] N/A 5-1-91
Authorization No.[b] N-1480-1
Expiration Date[b] AUG. 6, 1991

4. Identification of System 74 RHR, ASME CLASS 2 (8"ϕ PIPE)
5(A). Applicable Construction Code ASME SECTION III 19 71
Edition THROUGH Addenda SUMMER 1973
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 WINTER 1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
SUPPORT 1072-A437-4-7, LUGS INTEGRAL ATTACHMENT TO PIPE, RB 1 EL. 819'-0", AZ. 306°, R-60'-10 5/8"
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A 5-1-91
6(D). National Board Number (if applicable) N/A 5-1-91
6(E). Other Identification (subassembly number, heat number, etc.) PLATE 1" MT.# 24812, MTL. SS. SA240, TP 304 (4) EA. LUGS.
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
MODIFY EXISTING SUPPORT PER WP # KP05713A-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A 5-1-91 psi Test Temperature N/A 5-1-91 °F
9. Remarks: SUPPORT COMPLETED AND DOCUMENTED 8-16-90. INTEGRAL WELD # 1-072B-D068-03G, -03H, -03J, -03K (REF. WM # WBN-E2879-EC-68 R/8). REF. NS PARTIAL # X72-P1
NO HYDRO REQUIRED.
(N/A) Applicable manufacturer's data reports to be attached.
5-1-91 Responsible Engr [signature] MEA-NC Date 5-1-91
Organization

ANII [signature] Date 11-1-91.

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 5-1-91
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee
   Sheet[a] ____ of ____
   Unit 1
   Report Tracking No. 91-074-078 5-6-91
3. Work Performed by: TVA (Company) — Type Code Symbol Stamp[b] N/A 5-1-91
   P.O. Box 2000 (Address) — Authorization No.[b] N/A 5-1-91
   SPRING CITY, TN. (City and State) — Expiration Date[b] N/A 5-1-91
4. Identification of System 74, RHR, ASME CLASS 2 (8"ø PIPE)
5(A). Applicable Construction Code AISC 1973
   Edition JUNE 1973 Addenda N/A 5-1-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   SUPPORT # 1072-A437-1-9, PB1, EL. 855'-7 5/8", AZ 306°, R 34'-2"
6(B). Name of Manufacturer TVA
   Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A 5-1-91
6(D). National Board Number (if applicable) N/A 5-1-91
6(E). Other Identification (subassembly number, heat number, etc.) N/A 5-1-91
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
   MODIFY EXISTING SUPPORT BY ADDING WELD METAL TO INCREASE WELD SIZE PER KP05713A-1 WP.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐
   Pressure N/A 5-1-91 psi Test Temperature N/A 5-1-91 °F
9. Remarks: SUPPORT COMPLETED AND DOCUMENTED 8-2-90 5-1-91

(N/A) Applicable manufacturer's data report[e] to be attached.
5-1-91
Responsible Engr [signature] / MEA-NC — Date 5-1-91
Organization

ANII [signature] — Date 11-1-91

[a] Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b] For work performed by certificate holder
[c] Replaced (like or equivalent).
[d] Replacement (modification).
[e] When required by Construction Code.

A437-4
A437-4-3
A437-4-2
A437-1-51
A437-1-2
A437-4-2

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 5-1-91

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN.
City and State
Report Tracking No. 91-074-079 5-6-91
Type Code Symbol Stamp[b] N/A 5-1-91
Authorization No.[b] N/A 5-1-91
Expiration Date[b] N/A 5-1-91

4. Identification of System 74, RHR, ASME-CLASS 2 (8"ϕ PIPE)
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A 5-1-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
SUPPORT #1072-A437-1-51, RBL, EL. 853'-8⅝", AZ-308°, R-34'-2"
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A 5-1-91
6(D). National Board Number (if applicable) N/A 5-1-91
6(E). Other Identification (subassembly number, heat number, etc.) N/A 5-1-91
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
MODIFY EXISTING SUPPORT BY RETAGGING & ADDING SPACER TO ACHIEVE THE CORRECT GAP PER WP# KP05713A-1 5-1-91
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A 5-1-91 psi Test Temperature N/A 5-1-91 °F
9. Remarks: SUPPORT COMPLETED AND DOCUMENTED 8-2-90 5-1-91

(N/A) 5-1-91 Applicable manufacturer's data report[e] to be attached.
Responsible Engr [signature] / MEA-NC Date 5-1-91
Organization

ANII [signature] Date 11-1-91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY Date 5-1-91
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000 Sheet[a] ____ of ____
Spring City, Tennessee Unit 1
Report Tracking No. 91-074-080 IA 5-6-91
3. Work Performed by: TVA Type Code Symbol Stamp[b] N/A 5-1-91
Company
P.O. Box 2000 Authorization No.[b] N/A 5-1-91
Address
SPRING CITY, TN. Expiration Date[b] N/A 5-1-91
City and State
4. Identification of System 74, RHR, ASME Class 2 (8"ø PIPE)
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A 5-1-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
SUPPORT # 1072-A437-4-2, RB1, EL. 853'-8", AZ. 308°, R-32'-4"
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A 5-1-91 ~~BP 3400-A SIZE #10 SPRING CAN~~ 5-1-91
6(D). National Board Number (if applicable) N/A 5-1-91
6(E). Other Identification (subassembly number, heat number, etc.)
SPRING CAN BP-3400-A[c] SIZE #10 5-1-91
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
MODIFY EXISTING SUPPORT PER WP# KP05713A-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A 5-1-91 psi Test Temperature N/A 5-1-91 °F
9. Remarks: SUPPORT COMPLETED AND DOCUMENTED 7-23-90 5-1-91

(N/A) Applicable manufacturer's data report[e] to be attached.
5-1-91
Responsible Engr [signature] / MEA-NC Date 5-1-91
Organization

ANII [signature] Date 11-1-91

[a] Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b] For work performed by certificate holder
[c] Replaced (like or equivalent).
[d] Replacement (modification).
[e] When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Date 5-1-91

Sheet[a] ____ of ____
Unit 1
Report Tracking No. 91-074-081 5-6-91

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN.
City and State

Type Code Symbol Stamp[b] N/A 5-1-91
Authorization No.[b] N/A 5-1-91
Expiration Date[b] N/A 5-1-91

4. Identification of System 74, RHR, ASME CLASS 2 (8"Ø PIPE)
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A 5-1-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
SUPPORT #1072-A437-4-1, R81, EL. 855'-7", A230°, R 32'-2"
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A 5-1-91
6(D). National Board Number (if applicable) N/A 5-1-91
6(E). Other Identification (subassembly number, heat number, etc.)
SPRING CAN BP-3400XC SIZE #10
6(F). Year Built 1990 5-1-91
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
MODIFY EXISTING SUPPORT PER WP# KP05713A-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐ 5-1-91
Pressure N/A 5-1-91 psi Test Temperature N/A °F
9. Remarks: SUPPORT COMPLETED AND DOCUMENTED 7-21-90 5-1-91

(N/A) Applicable manufacturer's data report[e] to be attached. 5-1-91
Responsible Engr [signature] MEA-NC Date 5-1-91
Organization

ANII [signature] Date 11-1-91

[a] Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b] For work performed by certificate holder
[c] Replaced (like or equivalent).
[d] Replacement (modification).
[e] When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY Date _____
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 91-074-082 5-6-91
3. Work Performed by: TVA Type Code Symbol Stamp[b] N/A 5-1-91
Company
P.O. Box 2000 Authorization No.[b] N/A 5-1-91
Address
SPRING CITY, TN. Expiration Date[b] N/A 5-1-91
City and State
4. Identification of System 74, RHR ASME CLASS 2 (8"Ø PIPE)
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A 5-1-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
SUPPORT #1072-A437-4-3, RB1, EL. 855'-7 7/8", AZ-306°, R-32'-7"
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A 5-1-91
6(D). National Board Number (if applicable) N/A 5-1-91
6(E). Other Identification (subassembly number, heat number, etc.) N/A 5-1-91
6(F). Year Built 1990 DELETED
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
DELETED SUPPORT PER WP# KP05713A-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐ 5-1-91
Pressure N/A 5-1-91 psi Test Temperature N/A °F
9. Remarks: SUPPORT DELETED AND DOCUMENTED 7-21-90 5-1-91

(N/A) Applicable manufacturer's data reports to be attached.
5-1-91
Responsible Engr [signature] MEA-NC Date 5-1-91
Organization

ANII [signature] Date 11-1-91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

A437-4-2
A437-1-54

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 5-1-91
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 91-074-083 17 5-6-91
3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] N/A 5-1-91
P.O. Box 2000
Address
Authorization No.[b] N/A 5-1-91
SPRING CITY, TN.
City and State
Expiration Date[b] N/A 5-1-91
4. Identification of System 74, RHR ASME CLASS 2 (10" & 8" PIPE) 5-1-91
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A 5-1-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981.
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
SUPPORT # 1072-A437-1-2, RB1, EL. 855'-6", AZ. 301°-30', R-27'-2"
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A 5-1-91
6(D). National Board Number (if applicable) N/A 5-1-91
6(E). Other Identification (subassembly number, heat number, etc.)
STRUT ASSY. BP-2252-7
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
MODIFY EXISTING SUPPORT PER WP. 57 KP05713A-1 5-1-91 5-1-91
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A 5-1-91 psi Test Temperature N/A 5-1-91 °F
9. Remarks: SUPPORT COMPLETED AND DOCUMENTED 8-6-90 5-1-91

(N/A) 5-1-91 Applicable manufacturer's data report[e] to be attached.
Responsible Engr [signature] MEA-NC Date 5-1-91
Organization

ANII [signature] Date 11-1-91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

A437-1-S1

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 5-1-91
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 91-074-084 AT 5-6-91
3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] N/A 5-1-91
P.O. Box 2000
Address
Authorization No.[b] N/A 5-1-91
SPRING CITY, TN.
City and State
Expiration Date[b] N/A 5-1-91
4. Identification of System 74, RHR, ASME - Class 2, (10" & 8" PIPE) 5-1-91
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A 5-1-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
SUPPORT #1072-A437-1-54, EB1 EL. 853'-7", AZ. 304°, R-27'-2"
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A 5-1-91
6(D). National Board Number (if applicable) N/A 5-1-91
6(E). Other Identification (subassembly number, heat number, etc.) N/A 5-1-91
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
MODIFY EXISTING SUPPORT BY RETAGGING & ADDING SPACER TO ACHEVE THE COERECT GAP PER WP # KP05713A-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐ 5-1-91
Pressure N/A 5-1-91 psi Test Temperature N/A °F
9. Remarks: SUPPORT COMPLETED AND DOCUMENTED 8-2-90 5-1-91

(N/A) 5-1-91 Applicable manufacturer's data report[e] to be attached.
Responsible Engr [signature] / MEA-NC Date 5-1-91
Organization

ANII [signature] Date 11-1-91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Date 5-7-91

Sheet[a] ~~1~~ of ~~1~~
Unit 1
Report Tracking No. 91-015-086 5-7-91

3. Work Performed by: TVA (Company)
P.O. Box 2000 (Address)
SPRING CITY, TN. (City and State)

Type Code Symbol Stamp[b] N/A 5-7-91
Authorization No.[b] N/A 5-7-91
Expiration Date[b] N/A 5-7-91

4. Identification of System 15, SG BLOWDOWN, ASME CLASS 2 (4"ϕ PIPE)
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A 5-7-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
SUPPORT 47A400-6-72, RB1, LOOP 4, EL 726'-7 3/16"
N/A DLE 12-31-91
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number 16042 (PSA 1 SNUBBER)
6(D). National Board Number (if applicable) N/A 5-7-91
6(E). Other Identification (subassembly number, heat number, etc.)
PSA 1 (S/N 16042), BP 2540-1.5 ASSY, BP 2640-1.5 CLAMP
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ~~☒~~[d]
6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
MODIFICATION OF EXISTING SUPPORT BEGAN UNDER WP E-6476-2 AND COMPLETED UNDER WPK-P045374-1, THE MODIFICATIONS REMOVED THE EXISTING SUPPORT AND INSTALLED A NEW CONFIGURATION.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A 5-7-91 psi Test Temperature N/A 5-7-91 °F

9. Remarks: SUPPORT COMPLETED & DOCUMENTED ON 11-29-90.
N/A Dle 12-31-91

(N/A) Applicable manufacturer's data report[e] to be attached.
5-7-91
Responsible Engr James W Haley/ NC-MEA Date 5-7-91
Organization

ANII [signature] Date 3-14-92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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PAGE 1X-48 OF

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 5-7-91

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 91-015-087 5-7-91

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN.
City and State
Type Code Symbol Stamp[b] N/A JWH 5-7-91
Authorization No.[b] N/A JWH 5-7-91
Expiration Date[b] N/A JWH 5-7-91

4. Identification of System 15, SG. BLOWDOWN, ASME CLASS 2 (3" Ø PIPE)

5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A JWH 5-7-91

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
SUPPORT 47A400-6-99, RB1, LOOP 2, EL 731'-0"
N/A DLE 12-31-91

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number N/A JWH 5-7-91

6(D). National Board Number (if applicable) N/A JWH 5-7-91

6(E). Other Identification (subassembly number, heat number, etc.)
N/A JWH 5-7-91

6(F). Year Built 1990

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
MODIFIED EXISTING SUPPORT BY ADDING NEW ITEMS 12, 13, 14, 15, 16 + 17 PER WP K-P04537A-1.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A JWH 5-7-91 psi Test Temperature N/A JWH 5-7-91 °F

9. Remarks: SUPPORT COMPLETED + DOCUMENTED ON 9-27-90.
N/A DLE 12-31-91

(N/A) Applicable manufacturer's data report[e] to be attached.
JWH 5-7-91
Responsible Engr James W Haley / NC-MEA Date 5-7-91
Organization

ANII [signature] Date 3-14-92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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47A400-6-100
47A400-6-101

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

TENNESSEE VALLEY AUTHORITY
Nuclear Power
Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Date 5-7-91

Sheet[a] ____ of ____
Unit 1
Report Tracking No. 91-015-088 5-7-91
Type Code Symbol Stamp[b] N/A JWH 5-7-91
Authorization No.[b] N/A JWH 5-7-91
Expiration Date[b] N/A JWH 5-7-91

Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN.
City and State

Identification of System 15, SG. BLOWDOWN, ASME CLASS 2 (4"ϕ PIPE)
Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A JWH 5-7-91
Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981
Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
47A400-6-100, RB1, LOOP 2, EL 726'-7 3/16"
N/A DLE 12-31-91
Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
Manufacturer's Serial Number 15791 (PSA 1 SNUBBER)
National Board Number (if applicable) N/A JWH 5-7-91
Other Identification (subassembly number, heat number, etc.)
PSA 1 SNUBBER (S/N 15791), BP 2540-1.5 ASSY, BP 2640-1.5 CLAMP
Year Built 1990
Repaired ☐ Replaced ☐[c] Replacement ☒[d]
ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
MODIFICATION OF EXISTING SUPPORT BEGAN UNDER WP E-6476-2 AND COMPLETED UNDER WP K-P04537A-1. THE MODIFICATIONS REMOVED THE EXISTING SUPPORT AND INSTALLED A NEW CONFIGURATION.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A JWH 5-7-91 psi Test Temperature N/A °F JWH 5-7-91
9. Remarks: SUPPORT COMPLETED + DOCUMENTED ON 11-16-90.
N/A DLE 12-31-91

(N/A) Applicable manufacturer's data report[e] to be attached.
JWH 5-7-91
Responsible Engr James W Haley / NL-MEA Date 5-7-91
Organization

ANII [signature] Date 3-14-92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

Date 5-6-91

(Owner) TENNESSEE VALLEY AUTHORITY
(Plant) Nuclear Power
Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Sheet[a] ____ of ____
Unit 1
Report Tracking No. 91-015-089 5-7-91
Type Code Symbol Stamp[b] N/A JWH 5-6-91
Authorization No.[b] N/A JWH 5-6-91
Expiration Date[b] N/A JWH 5-6-91

Work Performed by: TVA (Company)
P.O. Box 2000 (Address)
SPRING CITY, TN. (City and State)

1. Identification of System 1S, SG BLOWDOWN, ASME CLASS 2 (4"ϕ PIPE)
2. (A) Applicable Construction Code AISC 1973
(B) Edition JUNE 1973 Addenda N/A JWH 5-6-91
(C) Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
3. (A) Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
SUPPORT 47A400-6-101, RB1, LOOP 2, EL 726'-5 3/16"
N/A DLE 12-31-91
(B) Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
(C) Manufacturer's Serial Number PSA 1 SNUBBER S/N 16011
(D) National Board Number (if applicable) N/A JWH 5-6-91
(E) Other Identification (subassembly number, heat number, etc.)
PSA 1 SNUBBER (S/N 16011)
(F) Year Built 1990
(G) Repaired ☐ Replaced ☐[c] Replacement ☒[d]
(H) ASME Code Stamped Yes ☐ No ☒
4. Brief description of repair or replacement work performed.
REMOVED EXISTING SUPPORT IN WP E-6476-2. REINSTALLED NEW CONFIGURATION PER WP K-P04537A-1
5. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Other ☐ JWH 5-6-91
Nominal operating pressure ☐
Pressure N/A JWH 5-6-91 psi Test Temperature N/A °F
6. Remarks: SUPPORT COMPLETED & DOCUMENTED ON 9-19-90.

N/A 12-31-91

(N/A) Applicable manufacturer's data report[e] to be attached.

Responsible Engr J.W. Raley / NC-MEB Date 5-6-91
Organization

JWH 5-6-91

ANII [signature] Date 3-14-92

[a] Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b] For work performed by certificate holder
[c] Replaced (like or equivalent).
[d] Replacement (modification).
[e] When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

(Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
(Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Date 5-7-91

Sheet[a] ____ of ____
Unit 1
Report Tracking No. 91-015-090 AT 10-26-91

Work Performed by: TVA
Company

Type Code Symbol Stamp[b] N/A JWH 5-7-91

P.O. Box 2000
Address

Authorization No.[b] N/A JWH 5-7-91

SPRING CITY, TN.
City and State

Expiration Date[b] N/A JWH 5-7-91

Identification of System 15, S.G. BLOWDOWN, ASME CLASS 2 (4"Ø PIPE)

(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A JWH 5-7-91

(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981

(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
SUPPORT 47A400-6-102, RB1, LOOP 2, EL 731'-6"
N/A DLE 12-31-91

(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

(C). Manufacturer's Serial Number 19350 (PSA 1)

(D). National Board Number (if applicable) N/A JWH 5-7-91

(E). Other Identification (subassembly number, heat number, etc.)
PSA 1 SNUBBER (S/N 19350), BP 2540-1.5 ASSY., BP 2640-1.5 CLAMP

(F). Year Built 1990

(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
EXISTING SUPPORT CONFIGURATION WAS REMOVED IN WP E-6476-2. NEW SUPPORT CONFIGURATION WAS INSTALLED PER WP K-P04537A-1.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A JWH 5-7-91 psi Test Temperature N/A °F JWH 5-7-91

9. Remarks: SUPPORT COMPLETED + DOCUMENTED ON 10/26/91.
N/A DLE 12-31-91

(N/A) Applicable manufacturer's data report[e] to be attached.

JWH 5-7-91

Responsible Engr James W Haley / NL-MEA Date 5-7-91
Organization

ANII [signature] Date 3-14-92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

(Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
(Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Date 5-7-91

Sheet[a] ____ of ____
Unit 1

Work Performed by: TVA (Company)
P.O. Box 2000 (Address)
SPRING CITY, TN. (City and State)

Report Tracking No. 91-015-091 NA 10-24-90
Type Code Symbol Stamp[b] N/A JWH 5-7-91
Authorization No.[b] N/A JWH 5-7-91
Expiration Date[b] N/A JWH 5-7-91

1. Identification of System 15, SG BLOWDOWN, ASME CLASS 2 (4" ϕ PIPE)
2. (A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A JWH 5-7-91
(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981
(C). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
SUPPORT 47A400-6-183, RB1, LOOP 3, EL 732'-4 3/4"
N/A DLE 12-31-91
(D). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
(E). Manufacturer's Serial Number 19702 (PSA 1 SNUBBER)
(F). National Board Number (if applicable) N/A JWH 5-7-91
(G). Other Identification (subassembly number, heat number, etc.) PSA 1 (S/N 19702), BP 2540-1.5 ASSY, BP2640-1.5 APE CLAMP ASSY.
3(F). Year Built 1990
3(G). Repaired ☐ Replaced ☐[c] Replacement ~~☒~~[d]
3(H). ASME Code Stamped Yes ☐ No ☒
4. Brief description of repair or replacement work performed.
MODIFICATION OF EXISTING SUPPORT BEGAN UNDER WPE-6476-2 AND COMPLETED UNDER WP K-P04537A-1. THE MODIFICATIONS REMOVED THE EXISTING SUPPORT + INSTALLED A NEW CONFIGURATION.
5. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A JWH 5-7-91 psi Test Temperature N/A JWH 5-7-91 °F
9. Remarks: SUPPORT COMPLETED + DOCUMENTED ON 10/24/90
N/A DLE 12-31-91 IV

(N/A) Applicable manufacturer's data report[e] to be attached.
JWH 5-7-91
Responsible Engr James W Haley / NC-MEA Date 5-7-91
Organization

ANII [signature] Date 3/14/92

[a] Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b] For work performed by certificate holder
[c] Replaced (like or equivalent).
[d] Replacement (modification).
[e] When required by Construction Code.

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Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

(Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
(Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Date 5-7-91

Sheet[a] ____ of ____
Unit 1
Report Tracking No. 91-015-092 5-7-91

Work Performed by: TVA (Company)
P.O. Box 2000 (Address)
SPRING CITY, TN. (City and State)

Type Code Symbol Stamp[b] N/A JWH 5-7-91
Authorization No.[b] N/A JWH 5-7-91
Expiration Date[b] N/A JWH 5-7-91

(1) Identification of System 15, SG BLOWDOWN, ASME CLASS 2 (4"ØPIPE)
(2) Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A JWH 5-7-91
(3) Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
(4) Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
47A400-6-184, RB1, LOOP 3, EL 733'0"
N/A DLE 12-31-91
(5) (A) Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
(B) Manufacturer's Serial Number 1946 (PSA 1/2)
(C) National Board Number (if applicable) N/A JWH 5-7-91
(D) Other Identification (subassembly number, heat number, etc.)
PSA 1/2 (SN 1946), BP2540-.65, BP2640-.65, BP3200-9, BP1B-5, BP5130, BP6150
(E) Year Built 1990
(F) Repaired ☐ Replaced ☐[c] Replacement ☒[d]
(G) ASME Code Stamped Yes ☐ No ☒
(6) Brief description of repair or replacement work performed.
MODIFICATION OF EXISTING SUPPORT BEGAN UNDER WP E-6476-2 AND COMPLETED UNDER WP K-P045374
THE MODIFICATIONS REMOVED THE EXISTING SUPPORT AND INSTALLED A NEW CONFIGURATION.
(7) Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A JWH 5-7-91 psi Test Temperature N/A JWH 5-7-91 °F
(8) Remarks: SUPPORT COMPLETED & DOCUMENTED ON 12-3-90.
N/A DLE 12-31-91

(N/A)[e] Applicable manufacturer's data report to be attached.
JWH 5-7-91
Responsible Engr James W Haley / NC-MEA Date 5-7-91
Organization

ANII [signature] Date 3-14-92

[a] Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b] For work performed by certificate holder
[c] Replaced (like or equivalent).
[d] Replacement (modification).
[e] When required by Construction Code.

APPENDIX D
Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 5-7-91

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 91-015-093 JWH 5-7-91

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN.
City and State
Type Code Symbol Stamp[b] N/A JWH 5-7-91
Authorization No.[b] N/A JWH 5-7-91
Expiration Date[b] N/A JWH 5-7-91

4. Identification of System 1S, S.G. BLOWDOWN, ASME CLASS 2 (4"ø PIPE)

5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A JWH 5-7-91

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
SUPPORT 47A400-6-205, RB1, AZ 200°, R=47', EL 708'-1"
N/A DLE 12-31-91

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number N/A JWH 5-7-91

6(D). National Board Number (if applicable) N/A JWH 5-7-91

6(E). Other Identification (subassembly number, heat number, etc.) N/A JWH 5-7-91 N/A JWH 2/4/92

6(F). Year Built 1990

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
REMOVED VOIDED SUPPORT PER WP K-P04537A-1
N/A DLE 12-31-91

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A JWH 5-7-91 psi Test Temperature N/A JWH 5-7-91 °F

9. Remarks: SUPPORT REMOVED + DOCUMENTED ON 8-15-90.
N/A DLE 12-31-91

(N/A) Applicable manufacturer's data report[e] to be attached.
JWH 5-7-91
Responsible Engr J W Haley / NC-MEA Date 5-7-91
Organization

*ANII ~~NA Charles R. Dmek, QE~~ BDE 12/7/95 Date 2-25-92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch. *B. Earnigh 12/7/95
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 5-7-91
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 91-015-094 JWH 5-7-91
3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN.
City and State
Type Code Symbol Stamp[b] N/A JWH 5-7-91
Authorization No.[b] N/A JWH 5-7-91
Expiration Date[b] N/A JWH 5-7-91
4. Identification of System 1S, SG. BLOWDOWN, ASME CLASS 2 (4"ϕ PIPE)
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A JWH 5-7-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
47A400-6-261, RB1 (LOOP 1), EL 726'-5 3/16"
N/A S.R.m. 2/5/92
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number 15702 (PSA1 SNUBBER)
6(D). National Board Number (if applicable) N/A JWH 5-7-91
6(E). Other Identification (subassembly number, heat number, etc.)
PSA1 (S/N 15702), BP 2540-1.5 ASSY, BP 2640-1.5 CLAMP
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
MODIFICATION OF SUPPORT BEGAN UNDER WP E-6476-2 AND COMPLETED UNDER WP K-P045374-1. THE MODIFICATIONS REMOVED THE EXISTING CONFIGURATION & INSTALLED A NEW CONFIGURATION.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A JWH 5-7-91 psi Test Temperature N/A JWH 5-7-91 °F
9. Remarks: SUPPORT COMPLETED & DOCUMENTED ON 11-29-90.
N/A S.R.m. 2/5/92
(N/A) Applicable manufacturer's data report[e] to be attached.
JWH 5-7-91 Responsible Engr James W Haley / NC-MEB Date 5-7-91
Organization

ANII _____ Date 3-14-92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 5-6-91

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 91-015-095 JW# 5-7-91

3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] N/A JW# 5-6-91
P.O. Box 2000
Address
Authorization No.[b] N/A JW# 5-6-91
SPRING CITY, TN.
City and State
Expiration Date[b] N/A JW# 5-6-91

4. Identification of System 1S, SG BLOWDOWN, ASME CLASS 2 (3"ϕ PIPE)

5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A JW# 5-6-91

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
SUPPORT 47A400-6-398, RB1, LOOP 2, EL 726'-5 1/16"

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number N/A JW# 5-6-91

6(D). National Board Number (if applicable) N/A JW# 5-6-91

6(E). Other Identification (subassembly number, heat number, etc.) N/A JW# 5-6-91

6(F). Year Built 1990

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
INSTALLED NEW PIPE SUPPORT PER WP K-P04537A-1

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐ JW# 5-6-91
Pressure N/A JW# 5-6-91 psi Test Temperature N/A °F

9. Remarks: SUPPORT COMPLETED AND DOCUMENTED ON 9-27-90.

(N/A) Applicable manufacturer's data report[e] to be attached.
JW# 5-6-91

Responsible Engr J W Haley / NC-Mech Date 5-6-91
Organization

ANII [signature] Date 3-4-92

[a] Sheet Nos. filled in by Testing and Diagnostic Programs Branch
[b] For work performed by certificate holder
[c] Replaced (like or equivalent).
[d] Replacement (modification).
[e] When required by Construction Code.

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47A435-8-39

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 5-7-91
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee
   Sheet[a] ____ of ____
   Unit 1
   Report Tracking No. 91-015-096 JWH 5-7-91
3. Work Performed by: TVA (Company) — Type Code Symbol Stamp[b] N/A JWH 5-7-91
   P.O. Box 2000 (Address) — Authorization No.[b] N/A JWH 5-7-91
   SPRING CITY, TN. (City and State) — Expiration Date[b] N/A JWH 5-7-91
4. Identification of System 63, SAFETY INJECTION SYSTEM, ASME CLASS 1 (2" ØPIPE)
5(A). Applicable Construction Code AISC 1973
   Edition JUNE 1973 Addenda N/A JWH 5-7-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   SUPPORT 47A435-8-39, RB1, AZ 186°, ℓ ~30', EL 725'-6"
6(B). Name of Manufacturer TVA
   Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A JWH 5-7-91
6(D). National Board Number (if applicable) N/A JWH 5-7-91
6(E). Other Identification (subassembly number, heat number, etc.)
   BP 2015-.7 STRUT ASSY
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
   SUPPORT WAS REMOVED IN WP E-6476-2. ITEM 1 WAS INSTALLED IN WP E-6476-2. ITEMS 4+5 WERE INSTALLED IN WP K-P04537A-1.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐ JWH 5-7-91
   Pressure N/A JWH 5-7-91 psi Test Temperature N/A °F
9. Remarks: SUPPORT COMPLETED + DOCUMENTED ON 11-29-90.
   N/A J.R.M. 2/6/92

(N/A) JWH 5-7-91 Applicable manufacturer's data report[e] to be attached.
Responsible Engr James W Haley/ NC-MEA Date 5-7-91
Organization

ANII [signature] Date 3-16-92

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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WORK PLAN KP04725A 1

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 5-8-91
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee
   Sheet[a] 1 of 1
   Unit 1
   Report Tracking No. 91-062-100 5-9-91
3. Work Performed by: TVA — Type Code Symbol Stamp[b] N/A 5-8-91
   Company
   P.O. Box 2000 — Authorization No.[b] N/A 5-8-91
   Address
   SPRING CITY, TN. — Expiration Date[b] N/A 5-8-91
   City and State
4. Identification of System 62, CVCS, ASME CLASS 1 (3"ø PIPE)
5(A). Applicable Construction Code AISC 1973
   Edition JUNE 1973 Addenda 1 N/A 5-8-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification) 5-8-91
   SUPPORT # 1062-A406-8-69, RB1 EL. 722'-8" AZ. 4'-10" NE. OF RCP # 3 ℄
6(B). Name of Manufacturer TVA
   Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number SN # 4936 SNUBBER
6(D). National Board Number (if applicable) N/A 5-8-91
6(E). Other Identification (subassembly number, heat number, etc.)
   BP-2540-.35 PSA 1/A SNUBBER
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
   INSTALL NEW SUPPORT PER WP # KP04725A-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐ 5-8-91
   Pressure N/A 5-8-91 psi Test Temperature N/A °F
9. Remarks: SUPPORT COMPLETED AND DOCUMENTED 10-9-90 5-8-91

(N/A) 5-8-91 Applicable manufacturer's data report[e] to be attached.

Responsible Engr [signature] MEA-NC Date 5-8-91
Organization

ANII N/A ~~SB 12/6/91~~ 4/8/96 Date
B. Eamigh 4/8/96

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

APPENDIX D
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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Date 6-22-91

Sheet[a] ___ of ___
Unit 1
Report Tracking No. 91-003-105 JF 7-1-91
Type Code Symbol Stamp[b] N/A JWH 6-24-91
Authorization No.[b] N/A JWH 6-24-91
Expiration Date[b] N/A JWH 6-24-91

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN.
City and State

4. Identification of System 03, FEEDWATER, ASME CLASS 2 (2"ϕ PIPE)
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A JWH 6-24-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
SUPPORT 1-03A-526, EL 729'-6", 19'-1 3/4" W OF AZ 0°, 65'-7 1/2" S OF AZ 90°
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number PSA SNUBBER, SN 3213
6(D). National Board Number (if applicable) N/A JWH 6-24-91
6(E). Other Identification (subassembly number, heat number, etc.)
PACIFIC SCIENTIFIC ~~SNUBER~~ SNUBBER, SIZE 1/2
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☑[c]
6(H). ASME Code Stamped Yes ☐ Replacement ☑[d]
No ☑

7. Brief description of repair or replacement work performed.
REPLACED DAMAGED MECHANICAL SHOCK ARRESTOR

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A JWH 6-24-91 psi Test Temperature N/A °F JWH 6-24-91

9. Remarks: INSTALLATION DOCUMENTED PER WBN-CPI 8.1.8-H-100 DATA SHEETS A, B + D. AND CPI 8.1.8-C-501A DATA SHT. 1 ON 4-30-90.

(N/A) Applicable manufacturer's data report[e] to be attached.
JWH 6-24-91
Responsible Engr James W Haley MODS
Organization
Date 6-24-91

ANII [signature]
Date 11-6-91

[a] Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b] Work performed by certificate holder
[c] Replaced (like or equivalent).
[d] Replacement (modification).
[e] When required by Construction Code.

WORKPLAN CWBP890502-1

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 6-22-91

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 91-003-106 SF 7-1-91

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN.
City and State
Type Code Symbol Stamp[b] N/A JWH 6-22-91
Authorization No.[b] N/A JWH 6-22-91
Expiration Date[b] N/A JWH 6-22-91

4. Identification of System 03, FEEDWATER, ASME CLASS 2 (6"ϕ PIPE)

5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A JWH 6-22-91

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
SUPPORT 1-03A-374, EL 729'-10", 10'-1½" W of AZ 0°, 69'-3" S of AZ 90°

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number PSA SNUBBER, SN 19775

6(D). National Board Number (if applicable) N/A JWH 6-24-91

6(E). Other Identification (subassembly number, heat number, etc.)
PACIFIC SCIENTIFIC SNUBBER - SIZE 1

6(F). Year Built 1990

6(G). Repaired ☐ Replaced ☑[c] Replacement ☐[d]

6(H). ASME Code Stamped Yes ☐ No ☑

7. Brief description of repair or replacement work performed.
REPLACED DAMAGED MECHANICAL SHOCK ARRESTOR

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A JWH 6-24-91 psi Test Temperature N/A °F JWH 6-24-91

9. Remarks: INSTALLATION DOCUMENTED PER WBN-CPI 8.1.8-4-100 DATA SHTS A, B + D AND WBN CPI 8.1.8-C-501A DATA SHT 1 ON 3-23-90. JWH 6-24-91

(N/A) Applicable manufacturer's data report[e] to be attached.
JWH 6-24-91
Responsible Engr James W Haley MODS Date 6-24-91
Organization

ANII [signature] Date 11-6-91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

WORKPLAN CWBP890502-1

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 6-22-91

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Sheet[a] ____ of ____ 7-1-91
Unit 1
Report Tracking No. 91-070-107

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN.
City and State

Type Code Symbol Stamp[b] N/A JWH 6-22-91
Authorization No.[b] N/A JWH 6-22-91
Expiration Date[b] N/A JWH 6-22-91

4. Identification of System 70, COMPONENT COOLING, ASME CLASS 2 (1½" & SMALLER)
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A JWH 6-22-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
SUPPORT 70-1CC-R71, AUXILIARY BLDG, EL 725'3", T & 2'-3" E OF A3
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A JWH 6-22-91
6(D). National Board Number (if applicable) N/A JWH 6-22-91
6(E). Other Identification (subassembly number, heat number, etc.) N/A JWH 6-22-91
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☒[c] Replacement ☐[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
REPLACED MISSING CLAMP, PLATE WASHERS, BOLTS & NUTS
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A JWH 6-22-91 psi Test Temperature N/A °F JWH 6-22-91
9. Remarks: INSTALLATION DOCUMENTED PER WBN-CPI 8.1.8-H-100 DATA SHTS A & B AND WBN-CPI 8.1.8-C-501A DATA SHEET 1 ON 3-2-90.

(N/A) Applicable manufacturer's data report[e] to be attached.
JWH 6-22-91
Responsible Engr James W Haley 6-22-91 JWH Date 6-22-91
Organization

ANII _____ Date 11-6-91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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P200 9-3.19

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 6-22-91

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN.
City and State
Report Tracking No. 91-070-108 dlf 7-1-91
Type Code Symbol Stamp[b] N/A JWH 6-22-91
Authorization No.[b] N/A JWH 6-22-91
Expiration Date[b] N/A JWH 6-22-91

4. Identification of System 70, COMPONENT COOLING, ASME CLASS 2 (1¼"ϕ PIPE)
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A JWH 6-22-91
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
SUPPORT 70-1CC-R46, AUXILIARY BLDG, 2'-3" W OF A2, 6" S OF T, EL 729'-6"
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A JWH 6-22-91
6(D). National Board Number (if applicable) N/A JWH 6-22-91
6(E). Other Identification (subassembly number, heat number, etc.) N/A JWH 6-22-91
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☒[c] Replacement ☐[d]
6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
REPLACED MISING CLAMP, PLATE WASHERS, BOLTS + NUTS

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A JWH 6-22-91 psi Test Temperature N/A JWH 6-22-91 °F

9. Remarks: INSTALLATION DOCUMENTED PER WBN-CAI 8.1.8-H-100 DATA SHTS A+B AND WBN-CAI-8.1.8-C-SOIA DATA SHT. 1 ON 3-2-90.

(N/A) Applicable manufacturer's data report[e] to be attached.

Responsible Engr James W Haley / 6-22-91 MODS JWH 6-22-91 Date 6-22-91
Organization JWH 6-22-91

ANII [signature] Date 11-6-91

[a] Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b] For work performed by certificate holder.
[c] Replaced (like or equivalent).
[d] Replacement (modification).
[e] When required by Construction Code.

WORKPLAN CWBP890502-1

APPENDIX D
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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 9-25-90
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000 — Sheet[a] ____ of ____
   Spring City, Tennessee — Unit 1
   Report Tracking No. 91-63-150
3. Work Performed by: TVA — Type Code Symbol Stamp[b] N/A EB 9-25-90
   Company
   P.O. Box 2000 — Authorization No.[b] N/A EB 9-25-90
   Address
   SPRING CITY, TN — Expiration Date[b] N/A EB 9-25-90
   City and State
4. Identification of System 63, SIS ASME-CLASS 2
5(A). Applicable Construction Code AISC 1973
   Edition JUNE 1973 Addenda N/A EB 9-25-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   PIPE SUPPORT # 1063-63-1515-R34/AUX/EL. 698'-3⅛"/9'-0" S. OF V/ 1'-4½" E. OF A5 (4" ∅ PIPE)
6(B). Name of Manufacturer TVA
   Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A EB 9-25-90
6(D). National Board Number (if applicable) N/A EB 9-25-90
6(E). Other Identification (subassembly number, heat number, etc.) N/A EB 9-25-90
   NA K 9-3-91
6(F). Year Built REMOVED AND REINSTALLED 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
   DUE TO NEW CLAMP ON PIPE SUPPORT # 1063-63-1515-R33 WELD WAS CUT AND REWELDED (NO NEW MATERIAL) IN WORK PLAN # K-P04712A-1
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ * Other ☒
   Pressure N/A EB 9-25-90 psi Test Temperature N/A EB 9-25-90 °F
9. Remarks: * VIBRATION TEST # TI-103.63.03
   NA K 9-3-91

(N/A) Applicable manufacturer's data report[e] to be attached.

EB 9-25-90 Responsible Engr E I Bowman MEA-NC Date 9-25-90
Organization

ANII W K Chapman Date 11-3-91

[a] Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b] For work performed by certificate holder
[c] Replaced (like or equivalent).
[d] Replacement (modification).

APPENDIX D
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SUMMARY REPORT--FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 9-20-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] ____ of ____
Unit 1
Report Tracking No. 91-63-151 9/6/91

3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] N/A EB 9-20-90
P.O. Box 2000
Address
Authorization No.[b] N/A EB 9-20-90
SPRING CITY, TN
City and State
Expiration Date[b] N/A EB 9-20-90

4. Identification of System 63 SIS ASME-CLASS 2

5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A EB 9-20-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT # 1063-63-1SIS-R41 / AUX. / EL. 700'-0" / 7'-7" W. OF A5 / 13'-3½" S. OF V (8" ∅ PIPE)

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number N/A EB 9-20-90

6(D). National Board Number (if applicable) N/A EB 9-20-90

6(E). Other Identification (subassembly number, heat number, etc.) N/A EB 9-20-90
NA 9-3-91

6(F). Year Built SUPPORT MODIFIED IN 1990

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
MODIFIED SUPPORT PER WORK PLAN # K-P04712A-1 (DELETED SNUBBERS)
NA 9-3-91

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ *Other ☑
Pressure N/A EB 9-20-90 psi Test Temperature N/A EB 9-20-90 °F

9. Remarks: * VIBRATION TEST # TI-103.63.03
N/A 9-3-91

(N/A) Applicable manufacturer's data report[e] to be attached.
EB 9-19-90

Responsible Engr [signature] MEA-NC Date 9-20-90
Organization

ANII [signature] Date 11-3-91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code

APPENDIX B
Page 1 of 1

Summary Report
Form NIS-2 Attachment

1. (Owner) Tennessee Valley Authority
Nuclear Power
Date 9/6/91
Report Tracking Number 91-62-152

2. (Address) Watts Bar Nuclear Plant
PO Box 2000
Spring City, Tennessee
Sheet 1 ___ of ___
Unit 1
WID No. KPO4739A.1

3. Work performed by: TVA
Company
P.O. Box 2000
Address
Spring City, Tennessee
City and State
Type Code Symbol Stamp[2] N/a 9/6/91
Authorization No.[2] N/A 9/6/91
Expiration Date[2] N/A 9/6/91

4. Identification of system 62, Chemical & Volume Control - Class 2, 3" Pi

5. (A) Applicable Construction Code AISC 1973 Edition
June 1973 Addenda N/a 9/6/91 Code Case N/a 9/6/91
5. (B) Applicable Edition of Section XI utilized for repairs or replacements
1980 Winter 1981 Addenda

6. (A) Name of component(s) and description (include size, capacity, material, and location as needed to aid in identification) Support 62-1CUC-R 271
3" Pipe, EL. 729'-6", R/2 Rigid Strut (NO 2252.1.5)
6. (B) Name of manufacturer Bergen Paterson Pipesupport Corp
Address of manufacturer (if known) N/a 9/6/91
6. (C) Manufacturer's Serial Number Part No. 2252.1.5
6. (D) National Board Number (if applicable) N/a 9/6/91
6. (E) Other identification (Subassembly number, heat number, etc.) BP 2252.1.5
BP 6202.1.5 R/3 Pipe Clamp
6. (F) Year built N/a 9/6/91 Code Class 1 [ ] 2 [X]
6. (G) Repaired [ ] Replaced[3] [X] Replacement[4] [ ]
6. (H) ASME Code Stamped YES [ ] NO [ ]

7. Brief description of repair or replacement work performed: Modify Support 6
Deleting Snubber & Install Strut and Pipe Clamp

8. Tests Conducted: Hydrostatic [ ] Pneumatic [ ]
Nominal operating pressure [ ] Other [ ]
Pressure N/a 9/6/91 psi Test Temperature N/a 9/6/91 F

9. Remarks: Support Completed and Documented on
9/4/90
N/a 9/6/91 Applicable Manufacturer's Data Report [5] to be attached.

Prepared by [signature] / MODS Date 9/6/91
Organization

ANII B Eamon Date 4/8/96

1 Sheet nos. filled in by ISI programs
2 For work performed by certificate holder
3 Replaced (like or equivalent)
4 Replacement (Modification)
5 When required by [illegible]

Code

WORKPLAN KP 047394

WORKPLAN ~~K P047~~ 12A - 1

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

Date 9-25-90

1. (Owner) TENNESSEE VALLEY AUTHORITY
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee

Sheet[a] ____ of ____
Unit 1
Report Tracking No. 91-63-155 9/6/91

3. Work Performed by: TVA (Company)
   P.O. Box 2000 (Address)
   SPRING CITY, TN (City and State)

Type Code Symbol Stamp[b] N/A EB 9-25-90
Authorization No.[b] N/A EB 9-25-90
Expiration Date[b] N/A EB 9-25-90

4. Identification of System 63 SIS ASME-CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A EB 9-25-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT # 1063-63-1515-R33/AUX./EL.698'-3⅜"/9'-0" S. OF V/1'-4½" E. OF A5 (4" ϕ PIPE)
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A EB 9-25-90
6(D). National Board Number (if applicable) N/A EB 9-25-90
6(E). Other Identification (subassembly number, heat number, etc.) N/A EB 9-25-90
6(F). Year Built SUPPORT MODIFIED 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
MODIFIED SUPPORT PER WORK PLAN # K-P04712A-1 (DELETED SNUBBER ADDED STRUT)
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ *Other ☒
Pressure N/A EB 9-25-90 psi Test Temperature N/A EB 9-25-90 °F
9. Remarks: * VIBRATION TEST # TI-103.63.03
N/A 9-4-91

(N/A) Applicable manufacturer's data report[e] to be attached.
EB 9-25-90 Responsible Engr S/B ____ / MEA-NC Date 9-25-90
Organization

ANII MB Hopkins Date 11-3-91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 8-31-90
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee
   Sheet[a] IX of IX-238
   Unit 1
   Report Tracking No. 91-1562 9/5/91
3. Work Performed by: TVA (Company) — Type Code Symbol Stamp[b] _____
   P.O. Box 2000 (Address) — Authorization No.[b] N/A JPN 8-31-90
   SPRING CITY, TN (City and State) — Expiration Date[b] N/A JPN 8-31-90
4. Identification of System 062-CVCS; ASME-CLASS 2
5(A). Applicable Construction Code AISC 1973
   Edition JUNE 1973 Addenda N/A JPN 8-31-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   PIPE SUPPORT 1062-A555-3-12; TS 1/4"X6"X6"
6(B). Name of Manufacturer TVA
   Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A JPN 8-31-90
6(D). National Board Number (if applicable) N/A JPN 8-31-90
6(E). Other Identification (subassembly number, heat number, etc.) HT.# 158542
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
   CUT DOWN EXISTING VERTICAL MEMBER & REPLACED W/ 1/4"TSC"X6". CUT EXIST. U-BOLT LEGS & STAKED SPHERICAL BEARING
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐ JPN
   Pressure N/A JPN 8-31-90 psi Test Temperature N/A JPN 8-31-90°F
9. Remarks: NONE

(N/A) Applicable manufacturer's data report[e] to be attached.
JPN 8-31-90

Responsible Engr L.E J. Task / MODS, MECH Date 9/5/91
Organization

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ANII _____ Date 11-3-91

[a] Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b] For work performed by certificate holder
[c] Replaced (like or equivalent).
[d] Replacement (modification).
[e] When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

8 L.E. S.T. 915191

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 8-24-90
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] IX-22 of IX 238
Unit 1
Report Tracking No. 91-156
Type Code Symbol Stamp[b] ____
Authorization No.[b] N/A JAN 8-24-90
Expiration Date[b] N/A JAN 8-24-90
3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN.
City and State
4. Identification of System 062-CVCS; ASME CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A JAN 8-24-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 0062-A555-10-20; 3/8" PL
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A JAN 8-24-90
6(D). National Board Number (if applicable) N/A JAN 8-24-90
6(E). Other Identification (subassembly number, heat number, etc.) HT.# 412T2621
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
ADDED 3/8" STIFFENER PL AND ADDED WELD METAL TO EXISTING SPACER PL.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A JAN 8-24-90 psi Test Temperature N/A JAN 8-24-90 F
9. Remarks: L.E N/A S.T. 915191

(N/A) Applicable manufacturer's data report[e] to be attached.
JAN 8-24-90
Responsible Engr T. Tasker / MODS, MECH Date 9/5/91
Organization

ANII [signature] Date 11-3-91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

9/5/91

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 032891
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] IX-37 of IX-238
Unit 1
Report Tracking No. 91-156D 9/9/91
3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] NA & HW 032891
PO Box 2000
Address
Authorization No.[b] NA & HW 032891
SPRING CITY TN
City and State
Expiration Date[b] NA & HW 032891
4. Identification of System 062, CVCS
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda NA & HW 032891
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W 1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 0062-A555-10-36
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN
6(C). Manufacturer's Serial Number NA & HW 032891
6(D). National Board Number (if applicable) NA & HW 032891
6(E). Other Identification (subassembly number, heat number, etc.)
Ht Nos. 149575, 422504410, 0138987, 411P3471
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
MODIFY SUPPORT BY ADDING BASEPLATES & STRUCTURAL STEEL SHAPES
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐ NA & HW 032891
Pressure NA & HW 032891 psi Test Temperature NA °F
9. Remarks: NONE

(NA) Applicable manufacturer's data report[e] to be attached.
NA & HW 032891 Responsible Engr L. E. Tash / MODS. MECH. Date 9/5/91
Organization

ANII [signature] Date 11-3-91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Date 03 22 91

Sheet[a] IX-43 of IX-238
Unit 1
Report Tracking No. 91-1566 9/9/91
Type Code Symbol Stamp[b] NA 032591
Authorization No.[b] NA 032291
Expiration Date[b] NA 032291

3. Work Performed by: TVA
Company
PO Box 2000
Address
SPRING CITY TN
City and State

4. Identification of System 062-CVCS; ASME CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda NA 032291
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 0062-A555-10-42
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY TN
6(C). Manufacturer's Serial Number NA 032291
6(D). National Board Number (if applicable) NA 032291
6(E). Other Identification (subassembly number, heat number, etc.)
BP PART NO 2100-R6-2.5 & 2003-1.5
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
REMOVED EXISTING 3/4" ROD, REPLACED WITH RIGID STRUT & END ATTACHMENT.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A 032591 psi Test Temperature N/A 032591 °F
9. Remarks: NONE

(N/A) Applicable manufacturer's data report[e] to be attached.
032591
Responsible Engr L.C. J. Tach / MODS, MECH Date 9/5/91
Organization

ANII _____ Date 10-31-91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 03 26 91

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Sheet[a] IX-54 of IX-238
Unit 1
Report Tracking No. 91-15069/5/91

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN.
City and State

Type Code Symbol Stamp[b] N/A 032691
Authorization No.[b] N/A 032691
Expiration Date[b] N/A 032691

4. Identification of System 62 CVCS

5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A 032691

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 47A555-10-60 (2062-A555-10-60)

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number NA 032691

6(D). National Board Number (if applicable) N/A 032691

6(E). Other Identification (subassembly number, heat number, etc.)
N/A 032691

6(F). Year Built

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
REPLACE CLAMP & ANGLES WITH STRUCTURAL TUBING

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A 032691 psi Test Temperature N/A 032691 °F

9. Remarks: NONE

(N/A) Applicable manufacturer's data report[e] to be attached.
032691 Responsible Engr L.E. J. Tash / MODS., MECH. Date 9/5/91
Organization

ANII [signature] Date 11-3-91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY Date 8-17-90
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000 Sheet[a] IX-59 of IX-238
Spring City, Tennessee Unit 1
Report Tracking No. 91-156 9/9/91
3. Work Performed by: TVA Type Code Symbol Stamp[b] _____
Company
P.O. Box 2000 Authorization No.[b] N/A JPN 8-17-90
Address
Spring City, Tn. Expiration Date[b] N/A JPN 8-17-90
City and State
4. Identification of System 062, CVCS, ASME-CLASS 2
5(A). Applicable Construction Code AISC 1973
Edition JUNE, 1973 Addenda N/A JPN 8-17-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 1062-A555-10-77; 1" THICK PLATE
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A JPN 8-17-90
6(D). National Board Number (if applicable) N/A JPN 8-17-90
6(E). Other Identification (subassembly number, heat number, etc.)
HT. # M88262
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
ADDED 1" THICK PL TO REDUCE PIPE TO STRUCTURE GAP.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A JPN 8-17-90 psi Test Temperature N/A JPN 8-17-90 °F
9. Remarks: NONE

(N/A) Applicable manufacturer's data report[e] to be attached.
JPN 8-17-90
Responsible Engr LE J. Tash / MODS., MECH. Date 9/5/91
Organization

ANII [signature] Date 11-3-91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date L.E. 9/5/91 J.T. 9/5/91

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Sheet[a] IX-67 of IX-238
Unit 1
Report Tracking No. 91-156 9/9/91

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN
City and State

Type Code Symbol Stamp[b] N/A L.E. J.T. 9/5/91
Authorization No.[b] N/A L.E. J.T. 9/5/91
Expiration Date[b] N/A L.E. J.T. 9/5/91

4. Identification of System 62, CVCS ASME-CLASS 2

5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 1062-A555-11-2, BP-2000, 1.5 strut, Aux. Bldg. pipe ℄ EL. 734', 7' N. of Q, 10'-7 11/16 W. of A13.

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TENN.

6(C). Manufacturer's Serial Number N/A L.E. 9/5/91

6(D). National Board Number (if applicable) N/A L.E. 9/5/91

6(E). Other Identification (subassembly number, heat number, etc.)
N/A L.E. J.T. 9/5/91

6(F). Year Built

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
Modify pipe support under Workplan K-P04623A-2

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A L.E. 9/5/91 psi Test Temperature N/A L.E. 9/5/91 °F

9. Remarks: NONE

(N/A) Applicable manufacturer's data report[e] to be attached.

Responsible Engr L.E. J. Tash / MODS, MECH. Date 9/5/91
Organization

ANII [signature] Date 11-3-91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 032691
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] IX-74 of IX-238
Unit 1
3. Work Performed by: TVA
Company
Report Tracking No. 91-156 5/9/91
P.O. Box 2000
Address
Type Code Symbol Stamp[b] N/A 032691 11/25/92
SPRING CITY, TN.
City and State
Authorization No.[b] N/A 032691
Expiration Date[b] N/A 032691
4. Identification of System 062, CVCS
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A 032691
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 1062-62-1LCV-R37
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A 032691
6(D). National Board Number (if applicable) N/A 032691
6(E). Other Identification (subassembly number, heat number, etc.) 032691 N/A 032691 HEAT NO. D 24317
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
REMOVED EXISTING CLAMP & REPLACED WITH PLATES
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A 032691 psi Test Temperature N/A °F
9. Remarks: NONE

(N/A) Applicable manufacturer's data report[e] to be attached.
032691 Responsible Engr L.E. J. Trask / MODS. MECH Date 9/5/91
Organization

ANII [signature] Date 11-3-91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY Date 032691
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] IX-80 of IX 238
Unit 1
Report Tracking No. 91-156
3. Work Performed by: TVA Type Code Symbol Stamp[b] N/A
Company
P.O. Box 2000 Authorization No.[b] N/A
Address
SPRING CITY, TN. Expiration Date[b] N/A
City and State
4. Identification of System 062 CVCS
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 1062-62-1LCV-R3E
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number NA
6(D). National Board Number (if applicable) N/A
6(E). Other Identification (subassembly number, heat number, etc.)
HT. Nos. 7502, Y65147, T04343
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
MINOR HARDWARE CHANGES OF STRUCTURAL MEMBERS.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A psi Test Temperature N/A °F
9. Remarks: NONE

(N/A) Applicable manufacturer's data report[e] to be attached.
Responsible Engr LIE. J. TRAN / MODS. / MECH Date 9/5/91
Organization

ANII _____ Date 11-3-91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date L.E. J.T. 9/5/91 9/5/91

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Sheet[a] IX-88 of IX 238
Unit 1
Report Tracking No. 91-156 9/5/91
Type Code Symbol Stamp[b] N/A LHW 032691
Authorization No.[b] N/A LHW 032691
Expiration Date[b] N/A LHW 032691

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN.
City and State

4. Identification of System 062, CVCS

5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A LHW 032691

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 1062-62-1LCV-R45

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number NA LHW 032691

6(D). National Board Number (if applicable) N/A LHW 032691

6(E). Other Identification (subassembly number, heat number, etc.)
HT Nos. 8098719, A00989

6(F). Year Built 1990

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
REPLACE EXISTING CONFIGURATION WITH WELDED BEAM ATTACHMENT & ADDITIONAL HDWE.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A LHW 032691 psi Test Temperature N/A °F

9. Remarks: NONE

(N/A) Applicable manufacturer's data report[e] to be attached.
LHW 032691 Responsible Engr L.E. J. Tash / MODS., MECH. Date 9/5/91
Organization

ANII [signature] Date 11-3-91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY — Date 9-18-90
   Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
   P. O. Box 2000
   Spring City, Tennessee
   Sheet[a] IX-110 of IX-238
   Unit 1
   Report Tracking No. 91-156 9/9/91 DAD
3. Work Performed by: TVA — Type Code Symbol Stamp[b] N/A EB 9-18-90 NWB 11/25/91
   Company
   P.O. Box 2000 — Authorization No.[b] N/A EB 9-18-90
   Address
   SPRING CITY, TN — Expiration Date[b] N/A EB 9-18-90
   City and State
4. Identification of System 62, CVCS ASME-CLASS 2
5(A). Applicable Construction Code AISC 1973
   Edition JUNE 1973 Addenda N/A EB 9-18-90
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
   PIPE SUPPORT # 1062-62-1LCV-R232 / EL. 718'-2 5/8", 2'-0" N. OF Q, 13'-5" W. OF A14. (3" ∅ PIPE)
6(B). Name of Manufacturer TVA
   Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A EB 9-18-90
6(D). National Board Number (if applicable) N/A EB 9-18-90
6(E). Other Identification (subassembly number, heat number, etc.) N/A EB 9-18-90
6(F). Year Built SUPPORT MODIFIED 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
   MODIFIED SUPPORT PER WORK PLAN # K-P04623A-2
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
   Nominal operating pressure ☐ Other ☐
   Pressure N/A EB 9-18-90 psi Test Temperature N/A EB 9-18-90 °F
9. Remarks: NONE

(N/A) EB 9-18-90 Applicable manufacturer's data report[e] to be attached.

Responsible Engr E Brannon / 9-18-90 MEA-NC Date 9-18-90
Organization

ANII [signature] Date 11-3-91

[a] Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b] For work performed by certificate holder
[c] Replaced (like or equivalent).
[d] Replacement (modification).
[e] When required by Construction Code.

KP04623A-2 J.T. 9/9/91
~~KP04623A-2~~

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PAGE IX-110 OF IX 238
110 J.T. 9/5/91

APPENDIX D
Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 032691
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] IX-119 of IX-238 d 9/5/91
Unit 1
Report Tracking No. 91-156 11/25/92
3. Work Performed by: TVA
Company
Type Code Symbol Stamp[b] N/A 032691
P.O. Box 2000
Address
Authorization No.[b] N/A 032691
SPRING CITY, TN.
City and State
Expiration Date[b] N/A 032691
4. Identification of System 062, CVCS
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A 032691
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 062-62-1LCV-R235
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number NA 032691
6(D). National Board Number (if applicable) N/A 032691
6(E). Other Identification (subassembly number, heat number, etc.)
BP PART NO 2600-1.5 R/S
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
REPLACED PIPE CLAMP
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A 032691 psi Test Temperature N/A °F
9. Remarks: NONE

(N/A) Applicable manufacturer's data report[e] to be attached.
032691
Responsible Engr L.E. J. Tash / MODS., MECH. Date 9/5/91
Organization

ANII [signature] Date 11-3-91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

APPENDIX D
Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 9/5/91 L.E. J.T. 9/5/91

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] IX-131 of IX-238
Unit 1
Report Tracking No. 91-156 9/9/91

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN.
City and State
Type Code Symbol Stamp[b] N/A 032691
Authorization No.[b] N/A 032691
Expiration Date[b] N/A 032691

4. Identification of System 062, CVCS

5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 2062-62-2LCV-R1

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number NA 032691

6(D). National Board Number (if applicable) N/A 032691

6(E). Other Identification (subassembly number, heat number, etc.)
HEAT NO. 411W5691

6(F). Year Built 1990

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
REMOVED EXISTING BP CLAMPS & REPLACED WITH STRUCTURAL SHAPES

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A 032691 psi Test Temperature N/A 032691 °F

9. Remarks: NONE

(N/A) Applicable manufacturer's data report[e] to be attached.
Responsible Engr L.E. J. Tash / MODS MECH Date 9/5/91
Organization

ANII [signature] Date 11-3-91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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APPENDIX D
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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Date 032691

Sheet[a] 1X-138 of 1X-238
Unit 1
Report Tracking No. 91-156 9/9/91

3. Work Performed by: TVA (Company)
P.O. Box 2000 (Address)
SPRING CITY, TN. (City and State)

Type Code Symbol Stamp[b] N/A 032691
Authorization No.[b] N/A 032691
Expiration Date[b] N/A 032691

4. Identification of System 062; CVCS
5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A 032691
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 2062-62-2CV-R13
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.
6(C). Manufacturer's Serial Number N/A 032691
6(D). National Board Number (if applicable) N/A 032691
6(E). Other Identification (subassembly number, heat number, etc.) BP PART NO. 6202-.7 R1 ; 2015-.7 R1
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
REMOVE EXISTING HDWE & REPLACE WITH BP STRUT & CLAMP ASS'Y
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐ 032691
Pressure N/A 032691 psi Test Temperature N/A °F
9. Remarks: NONE

(N/A) Applicable manufacturer's data report to be attached.
032691
Responsible Engr LE J. Tackett MODS MECH Date 9/5/91
Organization

ANII [signature] Date 11-3-91

[a] Nos. filled in by Testing and Diagnostic Programs Branch.
[b] work performed by certificate holder
[c] laced (like or equivalent).
[d] lacement (modification).
required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Date 032891

Sheet[a] IX-145 of IX-238
Unit 1
Report Tracking No. 91-156
Type Code Symbol Stamp[b] NA & HW 032891
Authorization No.[b] NA & HW 032891
Expiration Date[b] NA & HW 032891

3. Work Performed by: TVA
Company
PO Box 2000
Address
SPRING CITY TN
City and State

4. Identification of System 062, CVCS
5(A). Applicable Construction Code ASME 1973 Edition JUNE 1973 Addenda NA & HW 032891
5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W 1981
6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 2062-62-2CV-R25
6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN
6(C). Manufacturer's Serial Number NA & HW 032891
6(D). National Board Number (if applicable) NA & HW 032891
6(E). Other Identification (subassembly number, heat number, etc.) BP PART NO 2600-1.5 R/S
6(F). Year Built 1990
6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]
6(H). ASME Code Stamped Yes ☐ No ☒
7. Brief description of repair or replacement work performed.
REPLACED MODIFIED BP PART WITH SIMILAR BP CLAMP
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure NA & HW 032891 psi Test Temperature NA °F
9. Remarks: NONE

(NA) Applicable manufacturer's data reports to be attached.
& HW 032891
Responsible Engr L.E. T. Tash / MODS MECH. Date 9/5/91
Organization

ANII [signature] Date 11-3-91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 032891

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] IX-159 of IX-238
Unit 1
Report Tracking No. 91-156

3. Work Performed by: TVA
Company
PO Box 2000
Address
SPRING CITY TN
City and State
Type Code Symbol Stamp[b] NA
Authorization No.[b] NA
Expiration Date[b] NA

4. Identification of System 062, CVCS

5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda NA

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W 1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 2062-62-2LCV-R26

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN

6(C). Manufacturer's Serial Number NA

6(D). National Board Number (if applicable) NA

6(E). Other Identification (subassembly number, heat number, etc.)
BP PART NO 2003-1.5 R/3

6(F). Year Built 1990

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
REPLACED THE END ATTACHMENT

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure NA psi Test Temperature NA °F

9. Remarks: NONE

(NA) Applicable manufacturer's data report[e] to be attached.

Responsible Engr L.E. J. Tracy / MODS MECH Date 9/5/91
Organization

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Date 11-3-91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 8-24-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] IX-174 of IX-238
Unit 1
Report Tracking No. 91-156 (DCN 91/4/91)

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN.
City and State
Type Code Symbol Stamp[b] ____
Authorization No.[b] N/A JAN 8-24-90
Expiration Date[b] N/A JAN 8-24-90

4. Identification of System 062-ICV, ASME-CLASS 2

5(A). Applicable Construction Code AISC 1973
Edition JUNE, 1973 Addenda N/A JAN 8-24-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W81

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 2062-62-2LCV-R10; 1/4"TS 2"X2" (3 PIECES)

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number N/A JAN 8-24-90

6(D). National Board Number (if applicable) N/A JAN 8-24-90

6(E). Other Identification (subassembly number, heat number, etc.) HT.# 465583

6(F). Year Built 1990

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
CUT DOWN EXISTING STRUCTURE FROM BASEPLATE AND INSTALLED 3 PIECES OF 1/4"TS 2"X2"

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A JAN 8-24-90 psi Test Temperature N/A JAN 8-24-90 F

9. Remarks: NONE

(N/A JAN 8-24-90) Applicable manufacturer's data report[e] to be attached.

Responsible Engr L.E. J.T. Tack / MODS MECH. Date 9/5/91
Organization

ANII A. Bowen Date 11-3-91

[a] Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b] For work performed by certificate holder
[c] Replaced (like or equivalent).
[d] Replacement (modification).
[e] When required by Construction Code.

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SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 8-24-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] IX-179 of IX-238
Unit 1
Report Tracking No. 91-156

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN.
City and State
Type Code Symbol Stamp[b] _____
Authorization No.[b] N/A JAN 8-24-90
Expiration Date[b] N/A JAN 8-24-90

4. Identification of System 062-CVCS; ASME CLASS 2

5(A). Applicable Construction Code AISC 1973
Edition JUNE, 1973 Addenda N/A JAN 8-24-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 1062-A555-10-50; B-P PART #1000-1.5 REAR BRACKET & (2) SA194 GR 2H NUTS

6(B). Name of Manufacturer TVA & BERGEN PATERSON PIPE SUPPORT CORP.

Address of Manufacturer (if known) SPRING CITY, TN. & WOBURN MASS

6(C). Manufacturer's Serial Number N/A JAN 8-24-90

6(D). National Board Number (if applicable) N/A JAN 8-24-90

6(E). Other Identification (subassembly number, heat number, etc.) _____

6(F). Year Built N/A JAN 9/5/91

6(G). Repaired ☐ Replaced ☐[c] Replacement ☐[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
B-P PART #1000-1.5 (REAR BRACKET); TIIC NO. BLF342V (NUTS)

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A JAN 8-24-90 psi Test Temperature N/A JAN 8-24-90 °F

9. Remarks: NONE

(N/A JAN 8-24-90) Applicable manufacturer's data report[e] to be attached.

Responsible Engr J. Tosh / MODS MECH Date 9/5/91
Organization

ANII _____ Date 10-31-91

[a] Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b] For work performed by certificate holder
[c] Replaced (like or equivalent).
[d] Replacement (modification).
[e] When required by Construction Code.

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APPENDIX D
Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee

Date 032891

Sheet[a] IX-186 of IX-238
Unit 1
Report Tracking No. 91-156
Type Code Symbol Stamp[b] NA
Authorization No.[b] NA
Expiration Date[b] NA

3. Work Performed by: TVA
Company
PO Box 2000
Address
SPRING CITY TN
City and State

4. Identification of System 062, CVCS

5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda NA

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980 - W 1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT-1062-62-1LCV-R227

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN

6(C). Manufacturer's Serial Number NA

6(D). National Board Number (if applicable) NA

6(E). Other Identification (subassembly number, heat number, etc.)
BP PART NOS 1047 R/1 ; 5130 R/2 ; 6502 R**

6(F). Year Built 1990

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
L.6
NIA JT 9/5/91

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure NA psi Test Temperature NA °F

9. Remarks: NONE

(NA) Applicable manufacturer's data report[e] to be attached.

Responsible Engr L.E. J. Tash / MOD2 MECH Date 9/5/91
Organization

ANII [signature] Date 11-3-91

[a] Sheet Nos. filled in by Testing and Diagnostic Programs Branch
[b] For work performed by certificate holder
[c] Replaced (like or equivalent).
[d] Replacement (modification).
[e] When required by Construction Code.

APPENDIX D
Page 1 of 1

SUMMARY REPORT-FORM NIS-2 ATTACHMENT

1. (Owner) TENNESSEE VALLEY AUTHORITY
Nuclear Power
Date 8-24-90

2. (Plant) Watts Bar Nuclear Plant
P. O. Box 2000
Spring City, Tennessee
Sheet[a] IX-206 of IX-238
Unit 1
Report Tracking No. 91-156 W 11/25/92 9/9

3. Work Performed by: TVA
Company
P.O. Box 2000
Address
SPRING CITY, TN
City and State
Type Code Symbol Stamp[b] _____
Authorization No.[b] N/A JAN 8-24-90
Expiration Date[b] N/A JAN 8-24-90

4. Identification of System 062-CVCS; ASME-CLASS 2

5(A). Applicable Construction Code AISC 1973
Edition JUNE 1973 Addenda N/A JAN 8-24-90

5(B). Applicable Edition of Section XI utilized for Repairs or Replacements 1980-W1981

6(A). Name of Component(s) and description (include size, capacity, material, and location as needed to aid in identification)
PIPE SUPPORT 1062-A555-10-24; 1/4" TS 4"X4" & 1/4" PL

6(B). Name of Manufacturer TVA
Address of Manufacturer (if known) SPRING CITY, TN.

6(C). Manufacturer's Serial Number N/A JAN 8-24-90

6(D). National Board Number (if applicable) N/A JAN 8-24-90

6(E). Other Identification (subassembly number, heat number, etc.)
HT.# 159939 (TS) & 411P3471 (1/4" PL)

6(F). Year Built 1990

6(G). Repaired ☐ Replaced ☐[c] Replacement ☒[d]

6(H). ASME Code Stamped Yes ☐ No ☒

7. Brief description of repair or replacement work performed.
REMOVE EXISTING SUPPORT AND INSTALL TS & PL.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐
Nominal operating pressure ☐ Other ☐
Pressure N/A JAN 8-24-90 psi Test Temperature N/A JAN 8-24-90 °F

9. Remarks: NONE

(N/A) Applicable manufacturer's data report[e] to be attached.
JAN 8-24-90
Responsible Engr L.E. J. Tash / MECH. Date 9/5/91
Organization

PAGE 323 OF 564
ANII [signature] Date 11-3-91

[a]Sheet Nos. filled in by Testing and Diagnostic Programs Branch.
[b]For work performed by certificate holder
[c]Replaced (like or equivalent).
[d]Replacement (modification).
[e]When required by Construction Code.

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PAGE IX-185 OF IX 238

APPENDIX E
Page 1 of 1

WORKPLAN K-P06183A-1

Page IX-8 & 10 9-8-91 10 9-6-91

Summary Report
Form NIS-2 Attachment

Date 9-10-91

1. (Owner) Tennessee Valley Authority
Nuclear Power

Report Tracking Number 91-70-157 9/10/91

2. (Address) WATTS BAR NUCLEAR PLANT
P.O. BOX 2000
SPRING CITY, TN

Sheet 1 of
Unit 1
WID No. K-P06183A-1/1

3. Work performed by: TVA Company

Type Code Symbol Stamp[2] N/A 10 9-3-91

P.O. BOX 2000 Address

Authorization No.[2] N/A 10 9-3-91

SPRING CITY, TN City and State

Expiration Date[2] N/A 10 9-3-91

4. Identification of system COMPONENT COOLING WATER (SYSTEM #70) (ASME CLASS 2)

5. (A) Applicable Construction Code AISC 1973 Edition
JUNE 1973 Addenda N/A 10 9-3-91 Code Case N/A 10 9-3-91

5. (B) Applicable Edition of Section XI utilized for repairs or replacements
1980 Winter 1981 Addenda

6. (A) Name of component(s) and description (include size, capacity, material, and location as needed to aid in identification) PIPE SUPPORT 1070-A4W-4-162, EL 740'-6"/1'-10" SOUTH "W" & 2'-9½" EAST "A4"

6. (B) Name of manufacturer TVA
Address of manufacturer (if known) SPRING CITY, TN

6. (C) Manufacturer's Serial Number N/A 10 9-3-91

6. (D) National Board Number (if applicable) N/A 10 9-3-91

6. (E) Other identification (Subassembly number, heat number, etc.) N/A 10 9-3-91

6. (F) Year built 1990 Code Class 1 [ ] 2 [X]

6. (G) Repaired ~~[X]~~ 11 9-8-91 Replaced[3] [ ] Replacement[4] [X]

6. (H) ASME Code Stamped YES [ ] NO [X]

7. Brief description of repair or replacement work performed: MODIFY PIPE SUPPORT PER WP # K-P06183A-1/1 (REPLACED EXISTING TUBE STEEL MEMBERS TO ACHIEVE REQUIRED PIPE GAPS)

8. Tests Conducted: Hydrostatic [N/A 10 9-3-91] Pneumatic [N/A 10 9-3-91]
Nominal operating pressure [ ] Other [N/A 10 9-3-91]
Pressure N/A 10 9-3-91 psi Test Temperature N/A 10 9-3-91 F
N/A 10 9-3-91

9. Remarks: NONE

( ) Applicable Manufacturer's Data Report[5] to be attached.

Prepared by [signature] / MODIFICATIONS Date 9-3-91
Organization

ANII Bruce M Carnegie Date 11/6/91

1 Sheet nos. filled in by ISI programs
2 For work performed by certificate holder
3 Replaced (like or equivalent)
4 Replacement (Modification)
5 When required by Construction Code

WORKPLAN K-P04513A-1

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APPENDIX B
Page 1 of 1

Summary Report
Form NIS-2 Attachment

1. (Owner) Tennessee Valley Authority
Nuclear Power

Date 9.9.91
Report Tracking Number 91-3-158 9/10/91

2. (Address) WATTS BAR NUCLEAR PLANT
P.O. BOX 2000
SPRING CITY, TN. 37381

Sheet 1 of ___
Unit 1
WID No. K-P04513A1

3. Work performed by: TVA
Company

P.O. BOX 2000
Address

SPRING CITY, TN. 37381
City and State

Type Code Symbol Stamp[2] N/A 9-9-91

Authorization No.[2] N/A 9-9-91

Expiration Date[2] N/A 9-9-9

4. Identification of system AUX. FEED WATER (SYS. #03B) (ASME CLASS 2)

5. (A) Applicable Construction Code AISC 1973 Edition
JUNE 1973 Addenda N/A 9-9-91 Code Case N/A 9-9-91

5. (B) Applicable Edition of Section XI utilized for repairs or replacements
1980 Winter 1981 Addenda

6. (A) Name of component(s) and description (include size, capacity, material, and location as needed to aid in identification) PIPE SUPPORT 03B-1AFW-R128
EL. 748'-5"/5'-6½"N (U), 12'-5" E (A2)

6. (B) Name of manufacturer TVA
Address of manufacturer (if known) SPRING CITY, TN.

6. (C) Manufacturer's Serial Number N/A 9-9-91

6. (D) National Board Number (if applicable) N/A 9-9-91

6. (E) Other identification (Subassembly number, heat number, etc.)
N/A 9-9-91

6. (F) Year built 1990 Code Class 1 [ ] 2 [X]

6. (G) Repaired [ ] Replaced[3] [ ] Replacement[4] [X]

6. (H) ASME Code Stamped YES [ ] NO [X]

7. Brief description of repair or replacement work performed: MODIFY PIPE SUPPORT PER WP# K-P04513A-1/0 (REMOVE EXISTING SUPPORT, INSTALL REMAINING MEMBERS AND PAINT. HARDWARE CHANGES.)

8. Tests Conducted: Hydrostatic [ ] N/A 9-9-91 Pneumatic [ ] N/A 9-9-91
Nominal operating pressure [ ] Other [ ] N/A 9-9-91
Pressure N/A 9-9-91 psi Test Temperature N/A 9-9-91 F

9. Remarks: NONE

( ) Applicable Manufacturer's Data Report[5] to be attached.

Prepared by Daniel G. Herman / MODIFICATIONS Date 9-9-91
Organization

ANII M.B. Chapman Date 11-2-91

1 Sheet nos. filled in by ISI programs
2 For work performed by certificate holder
3 Replaced (like or equivalent)
4 Replacement (Modification)
5 When required by Construction Code