

OWNER: TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER GROUP  
1101 MARKET STREET  
CHATTANOOGA, TENNESSEE 37402-2801

PLANT: SEQ'JOYAH NUCLEAR PLANT  
P.O. BOX 2000  
SODDY DAISY, TENNESSEE  
37379

UNIT: TWO CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
COMMERCIAL SERVICE DATE: JUNE 1, 1982  
NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

VOLUME 1

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APPENDIX 1

NIS-1 OWNERS DATA REPORT  
UNIT 2 CYCLE 5

FORM NIS-1 OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

As required by the Provisions of the ASME Code Rules

- Tennessee Valley Authority
- Owner Nuclear Power Group, 1101 Market Street, Chattanooga, TN 37402-2801  
(Name and Address of Owner)
  - Plant Sequoyah Nuclear Plant, P.O. Box 2000, Soddy-Daisy, TN 37379  
(Name and Address of Plant)
  - Plant Unit 2
  - Owner Certificate of Authorization (if required) Not required
  - Commercial Service Date 6/01/82
  - National Board Number for Unit Not required
  - Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Reactor Vessel	Westinghouse	68C60-91934 N2M-2-3	NA	NA
Steam Generator	Wrstinghouse	68C60-91934 N2M-2-4	NA	NA
Pressurizer	Westinghouse	68C60-91934 N2M-2-6	NA	NA
* See Appendix IV Examination Plan				

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 this form.

FORM NIS-1 (back)

8. Examination Dates 3-14-92 to 5-12-92 9. Inspection Interval from 6-01-82 to 2-21-95
10. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. See Appendix IV, V, and VI
11. Abstract of Conditions Noted See Appendix II, III, IV, V, VI, and VII
12. Abstract of Corrective Measures Recommended and Taken See Appendix VI and VII

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.

Date July 17 19 92 Signed TVA By Tracy A. Flippo  
Owner

Certificate of Authorization No. (if applicable) NA Expiration Date NA

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of Tennessee and employed by Hartford Steam Boiler Inspection & Ins. Co. of Hartford, CT have inspected the components described in this Owners' Data Report during the period 3-14-92 to 5-12-92, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owners' Data 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 Owners' Data 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.

Date July 17 19 92  
Ernest R. Jarreau Commissions NB9853, TN2480  
Inspector's Signature National Board, State, Province and No.

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APPENDIX II

SCOPE

OWNER: TENNESSEE VALLEY AUTHORITY      PLANT: SEQUOYAH NUCLEAR PLANT  
NUCLEAR POWER GROUP                      P.O. BOX 2000  
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Scope:

The scope of this appendix is to provide an overview of the inservice inspections performed during the unit 2 cycle 5 refueling outage for class 1 and 2 components.

Introduction:

The unit 2 cycle 5 refueling outage began when the generator was taken off line at 2120 on March 13, 1992. The outage was completed on May 17, 1992 at 0628, when the generator was tied to the power grid. All examinations were performed to the implementing plant surveillance instruction SI-114.2 "ASME Section XI Inservice Inspection Program". SI-114.2 was written to comply with the requirements of the 1977 Edition, Summer 1978 Addenda of Section XI ASME Boiler and Pressure Vessel Code. Steam Generator Tubing Examination Requirements are in accordance with Regulatory Guide 1.83, Revision 1, and Technical Specification 3/4.4.5. In accordance with 10 CFR Part 50.55a(b)(2), the extent of examination for piping welds Examination categories B-J and C-F is in accordance with the 1974 Edition, Summer 1975 Addenda of ASME Section XI (Examination Categories B-J, C-F and C-G). Extent of examination is defined as criteria for the selection of Class 1 and Class 2 components for examination and as criteria for determining which Class 2 components may be exempt from examinations. Examinations performed during this outage conclude the inspection requirements for the first outage of the third period of the first 10 year interval. The unit 2 cycle 5 inservice inspections of Sequoyah Nuclear Plant were performed during the period from March 14, 1992 to May 12, 1992. Examinations were performed by Southwest Research Institute (SwRI), Sonic Systems International, Inc., ABB Combustion Engineering, Volt Quality Services, General Physics Corporation, and TVA Inspection Services Organization (ISO) under the direction of Site Quality Organization's, Inservice Inspection Section. Westinghouse Corporation, accompanied by Allen Nuclear Associates, and Scientific Technologies performed the steam generator eddy current examinations. All examinations were performed in accordance with ASME Boiler and Pressure Vessel Code, unless otherwise noted. The ASME Section XI examinations 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 three ANI ; Ernest Farrow, Charles Metcalfe, and Bruce Eamigh.

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There were 8 "Notification of Indications" (NOIs) initiated on Class 1 and 2 components during the unit 2 cycle 5 outage (NOI 2-SQ-271 thru NOI 2-SQ-278).

(NOIs 2-SQ-271 and 2-SQ-273 were written due to loose bolting, NOIs 2-SQ-272 and 2-SQ-275 identified evidence of leakage at bolted connections, and NOIs 2-SQ-274, 276, 277, and 278 were written for rejectable eddy current indications of Steam Generator tubing. The indications identified (in Steam Generator tubing) were characterized as anti-vibration wear (AVB), cold leg wastage, stress corrosion cracking/inner granular attack at tube support plate (SCC/IGA TSP), outer diameter stress corrosion cracking (ODSCC), and primary water stress corrosion cracking (PWSCC).

See Appendix VI "Summary Of NOIs"

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APPENDIX A TABLE A SEQUOYAH INSERVICE INSPECTION PROGRAM  
(SECTION XI CREDIT- CYCLE 5)

COMPONENT | EXAM METHOD | CODE CAT. | SAMPLE NO.

REACTOR VESSEL

1.Vessel Pene- trations and Attachments	VT-2	B-E	13
2.Vessel Interior	VT-3	B-N-1	1

PRESSURIZER

1.Circumferential Shell-To-Head Weld	UT	B-B	1(24')
2.Longitudinal Shell-to-Head Weld	UT	B-B	1(12")
3.Nozzle-to-Vessel Weld and Inside Radius Section	UT	B-D	2
4.Heater Penetrations	VT-2	B-E	7
5.Nozzle-To-Safe End Welds	UT/PT	B-F	2
6.INT/WLD Support Skirt	MT	B-H	1(8')
7.Seismic Lugs	MT/PT	B-H	4



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STEAM GENERATORS

1.Primary Head-To-Tube Sheet Weld	UT	B-B	2
2.Primary Nozzle-To-Vessel Inside Radius Section	UT	B-D	4
3.Primary Nozzle-To-Safe End Weld	UT/PT	B-F	3(3RFR Req'd.) See Appendix VII
4.Pressure Retaining Bolting	VT-1	B-G-2	4(64 Bolts)
5.Tubing	ET	B-Q	Gen.1,2,3 and 4 See Appendix v

PRESSURE RETAINING BOLTING

1.Reactor Coolant System	VT-1	B-G-2	3
2.Chemical and Volume Control System (SWI)	VT-1	B-G-2	2
3.Safety Injection System	VT-1	B-G-2	2

PIPING

A.Reactor Coolant System Main Loop Circs >=4"	UT/PT	B-J	4
B.Reactor Coolant System Circs>=4" Nom. Size	UT/PT	B-J	5
Circs <4" Nom. Size	PT	B-J	3

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C. Chemical and Volume Control System Circs <4" Nom. Size	PT	B-J	6
D. Residual Heat Removal System Circs >=4" Nom. Size	UT/PT	B-J	4
E. Safety Injection System Circs >=4" Nom. Size	UT/PT	B-J	6
Circs <4" Nom. Size	PT	B-J	3

## 2. BRANCH PIPE CONNECTION WELDS

A. Reactor Coolant Main Loop Welds <=2" Nom. Size	PT	B-J	2
B. Reactor Coolant System Welds >2" Nom. Size	UT/PT	B-J	1 ( <u>1 RFR Req'd.</u> ) See Appendix VII
Welds <=2" Nom. Size	PT	B-J	1
C. Chemical Volume Control System Welds >2" Nom. Size	UT/PT	B-J	1 ( <u>1 RFR Req'd.</u> ) See Appendix VII

## 3. SOCKET WELDS

A. Reactor Coolant System	PT	B-J	3
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REACTOR COOLANT PUMPS

1. Pressure-Retain ing Bolting >2"	UT	B-G-1	48
2. Pressure-Retain ing Bolting <=2"	VT-1	B-G-2	24
3. Integrally- Welded Supports	PT	B-K-1	3
4. Component Supports	VT-3	B-K-2	6

VALVES

1. Pressure Retaining Bolting			
A. Reactor Coolant System	VT-1	B-G-2	3
B. Residual Heat Removal System	VT-1	B-G-2	3
C. Safety Injection System	VT-1	B-G-2	3

STEAM GENERATORS Appendix A Table B

1. Circumferential Shell Weld	UT	C-A	1
2. Circumferential Head Welds	UT	C-A	1(16')
3. Tubesheet-to- Shell Weld	UT	C-A	1(12')
4. Nozzle-to-Vessel Welds and Inside Radius			
A. Nozzle-to- Vessel Welds	UT/MT	C-A	4

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B.Inner Radius      UT    C-A    4

PIPING

1.Component Supports

A.Residual Heat      VT-3/4    C-E    2  
 Removal

Successive Examinations Appendix A Table D

COMPONENT	METHOD	REF. SECTION	CODE CAT.
2-SIH-20-IA	PT	IWB-2420	B-K-1
MSW-1	UT	IWC-2420	C-B

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APPENDIX III  
ISI SUMMARY

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Summary:

The Unit 2 Cycle 5 Inservice Inspection of Class 1 and 2 components included 157 Visual, 134 Ultrasonic, 49 Liquid Penetrant, and 10 Magnetic Particle examinations. This count includes additional samples, successive examinations and reinspections due to Notification of Indications (NOIS). There were NOIS generated for ASME Section XI, Class 1 and 2 examinations, NOI 2-SQ-271 thru 2-SQ-278. For NOI summary see Appendix VI.  
For Steam Generator Eddy Current results and number of tubes examined see Appendix V.

All examinations were performed to TVA procedures with the exception of Steam Generator Eddy Current Exams which were performed to Westinghouse Corporation procedures.

PERSONNEL/EQUIPMENT CERTIFICATIONS

NDE personnel certification records for TVA and contractor employees are maintained by TVA's Inspection Services Organization (ISO). These records are maintained as permanent Site Quality Organization Records for the plant's life. Any questions should be directed to the Inspection Services Organization (ISO) in Soddy Daisy, Tennessee at telephone number (615)843-4303.

TVA equipment and material certification records are also maintained by ISO. Any questions should be directed to ISO, 1100 Riverfront Parkway, Chattanooga, Tennessee, 37402, at (615)751-7643.

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Inservice Inspection Summary

In accordance with paragraph IWA-6220 of the Section XI ASME Boiler and Pressure Vessel Code 1977 Edition through Summer 1978 Addenda the following information is provided.

1. Repair Replacement Program at Sequoyah (SSP-6.9), (IWX-4000 and IWX-7000), is in accordance with ASME Boiler and Pressure Vessel Code 1980 Edition, Winter 1981 Addenda. (See volume 2.)

2. Date of documentation completion: July 17, 1992.

3. Name of owner and address:

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

4. Name and address of the nuclear generating plant:

Sequoyah Nuclear Plant  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379

5. Name and number assigned to the nuclear power unit by TVA:

Sequoyah Nuclear Plant, Unit 2

6. Commercial operation date for unit:

June 1, 1982

7. Numbers assigned to the components by the state:

No numbers assigned

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

No number assigned

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

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The Class 1 and 2 components examined as part of this inservice inspection are listed in appendix IV.

10. Names and address of principal manufacturer and principal contract which will identify the subcontractors Manufacturers component identification numbers.

The majority of components examined were supplied by:

Westinghouse Electric Corporation  
P.O. Box 355  
Pittsburgh, Pennsylvania 15230  
Contract Number 68C60-91934  
NSSS N2M-2

11. Date of completion of examinations:

May 12, 1992

12. Name of ANII who witnessed or otherwise verified the examinations and his employer and business address:

Ernest L Farrow, Bruce Eamigh, and Charles Metcalfe.  
The Hartford Steam Boiler Inspection and Insurance Company  
200 Ashford Center North, Suite 300  
Atlanta, Georgia 30338-4860

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

See Appendix IV, V, VI and VII

14. Signature of ANII:

See NIS-1 form



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APPENDIX IV  
EXAMINATION PLAN

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Scan Plan:

The management of Inservice Inspection (ISI) data for the maintenance and tracking of ASME Section XI and augmented examination data is maintained on a Mainframe computer. The computer program known as PRISIM (Program for ISI Data Management) has been engineered to facilitate the management of voluminous ISI examination data. The arrangement of this program allows users to rapidly retrieve data in order to effectively schedule and track examinations performed during ISI activities.

Part A of this Appendix is known as a standardized Post Outage ISI Report designed to meet the reporting requirements of IWA-6000 of the ASME Section XI Code. This report contains Inservice Inspection data for class 1 and 2 components. The following reference keys are provided to describe the features for examination requirements.

NUTECH

PRISM

TENNESSEE VALLEY AUTHORITY  
SEQUOYAH NUCLEAR POWER PLANT UNIT 2  
ISI DATA BASE  
REFERENCE CLUSTER LISTING  
DATA ELEMENT : EXREQ

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\* REVISION 0000  
\* DATE 06/08/92

UNIT 2  
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OWNER: TENNESSEE VALLEY AUTHORITY    PLANT: SEQUOYAH NUCLEAR PLANT  
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 1101 MARKET STREET                                GAISY, TENNESSEE 37379  
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REFERENCE KEY	DESCRIPTION
* 01	FIRST TEN (10) YEARS OF COMMERCIAL OPERATION.
02	SECOND TEN (10) YEARS OF COMMERCIAL OPERATION.
03	THIRD TEN (10) YEARS OF COMMERCIAL OPERATION.
04	FOURTH TEN (10) YEARS OF COMMERCIAL OPERATION.
A01-01	FIRST ADDITIONAL EXAM COMPONENT LISTING : A01-01 FIRST ADDITIONAL SAMPLE REQUIRED BY IWB-2430 CATEGORY B-K-2 ITEM B11.10 INTERVAL 01 FIRST ADDITIONAL EXAM STATUS REPORT : A01-01 THIS PROGRAM CORRESPONDS TO REPAIR PROGRAM R01-01
A02-01	SECOND ADDITIONAL EXAM COMPONENT LISTING : A02-01 SECOND ADDITIONAL SAMPLE REQUIRED BY IWB-2430 CATEGORY B-K-2 ITEM B11.10 INTERVAL 01 SECOND ADDITIONAL EXAM STATUS REPORT : A02-01 THIS PROGRAM CORRESPONDS TO REPAIR PROGRAM R02-01
A03-01	FIRST ADDITIONAL EXAM COMPONENT LISTING : A03-01 FIRST ADDITIONAL SAMPLE REQUIRED BY IWC-2430 CATEGORY C-E ITEM C3.50/3.60 INTERVAL 01 FIRST ADDITIONAL EXAM STATUS REPORT : A03-01 THIS PROGRAM CORRESPONDS TO REPAIR PROGRAM R03-01
A04-01	SECOND ADDITIONAL EXAM COMPONENT LISTING : A04-01 SECOND ADDITIONAL SAMPLE REQUIRED BY IWC-2430 CATEGORY C-E ITEM C3.50/3.60 INTERVAL 01 SECOND ADDITIONAL EXAM STATUS REPORT : A04-01 THIS PROGRAM CORRESPONDS TO REPAIR PROGRAM R04-01

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 NUTECH  
 TENNESSEE VALLEY AUTHORITY  
 SEQUOYAH NUCLEAR POWER PLANT  
 ISI DATA BASE  
 REFERENCE CLUSTER LISTING  
 DATA ELEMENT : EXREQ  
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REFERENCE KEY  
 =====  
 DESCRIPTION  
 =====

A05-01  
 FIRST ADDITIONAL EXAM COMPONENT LISTING : A05-01  
 FIRST ADDITIONAL SAMPLE REQUIRED BY IWB-2430  
 CATEGORY B-F ITEM B5.10 INTERVAL 01  
 FIRST ADDITIONAL EXAM STATUS REPORT : A05-01  
 THIS PROGRAM CORRESPONDS TO REPAIR PROGRAM R05-01

A06-01  
 FIRST ADDITIONAL EXAM COMPONENT LISTING : A06-01  
 FIRST ADDITIONAL SAMPLE REQUIRED BY IWB-2430  
 CATEGORY B-G-2 ITEM B7.50 INTERVAL 01  
 FIRST ADDITIONAL EXAM STATUS REPORT : A06-01  
 THIS PROGRAM CORRESPONDS TO REPAIR PROGRAM R06-01

A07-01  
 FIRST ADDITIONAL EXAM COMPONENT LISTING : A07-01  
 FIRST ADDITIONAL SAMPLE REQUIRED BY IWB-2430  
 CATEGORY B-J ITEM B9.21 INTERVAL 01  
 FIRST ADDITIONAL EXAM STATUS REPORT : A07-01  
 THIS PROGRAM CORRESPONDS TO REPAIR PROGRAM R07-01

A08-01  
 FIRST ADDITIONAL EXAM COMPONENT LISTING : A08-01  
 FIRST ADDITIONAL SAMPLE REQUIRED BY IWB-2430  
 CATEGORY B-G-2 ITEM B7.70 INTERVAL 01  
 FIRST ADDITIONAL EXAM STATUS REPORT : A08-01  
 THIS PROGRAM CORRESPONDS TO REPAIR PROGRAM R08-01

A09-01  
 FIRST ADDITIONAL EXAM COMPONENT LISTING : A09-01  
 FIRST ADDITIONAL SAMPLE REQUIRED BY IWB-2430  
 CATEGORY B-J ITEM B9.40 INTERVAL 01  
 FIRST ADDITIONAL EXAM STATUS REPORT : A09-01  
 THIS PROGRAM CORRESPONDS TO REPAIR PROGRAM R09-01

ISI DATA BASE  
REFERENCE CLUSTER LIST  
DATA ELEMENT : EXREQ

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\* DATE 06/08/92 \*  
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REFERENCE KEY DESCRIPTION

A10-01 FIRST ADDITIONAL EXAM COMPONENT LISTING : A10-01  
FIRST ADDITIONAL SAMPLE REQUIRED BY IWC-2430  
CATEGORY C-E ITEM C3.80 INTERVAL 01  
FIRST ADDITIONAL EXAM STATUS REPORT : A10-01  
THIS PROGRAM CORRESPONDS TO REPAIR PROGRAM R10-01

A12-01 FIRST ADDITIONAL EXAM COMPONENT LISTING : A12-01  
FIRST ADDITIONAL SAMPLE REQUIRED BY IWB-2430  
CATEGORY B-K-1 ITEM D INTERVAL 01  
FIRST ADDITIONAL EXAM STATUS REPORT : A12-01  
THIS PROGRAM CORRESPONDS TO REPAIR PROGRAM R12-01

A13-01 FIRST ADDITIONAL EXAM COMPONENT LISTING : A13-01  
FIRST ADDITIONAL SAMPLE REQUIRED BY IWC-2430  
CATEGORY C-E ITEM C3.20 INTERVAL 01  
FIRST ADDITIONAL EXAM STATUS REPORT : A13-01  
THIS PROGRAM CORRESPONDS TO REPAIR PROGRAM R13-01

A15-01 FIRST ADDITIONAL EXAM COMPONENT LISTING : A15-01  
FIRST ADDITIONAL SAMPLE REQUIRED BY IWC-2430  
CATEGORY B-F ITEM B5.10 INTERVAL 01  
FIRST ADDITIONAL EXAM STATUS REPORT : A15-01  
THIS PROGRAM CORRESPONDS TO REPAIR PROGRAM R15-01

A16-01 ADDITIONAL EXAM COMPONENT LISTING : A16-01  
FIRST ADDITIONAL SAMPLE REQUIRED BY IWB-2430  
CATEGORY C-B ITEM C2.20 INTERVAL 01  
FIRST ADDITIONAL EXAM STATUS REPORT : A16-01  
THIS PROGRAM CORRESPONDS TO REPAIR PROGRAM R32-01

UNIT 2  
CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
COMMERCIAL SERVICE DATE: JUNE 1, 1982  
NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER: TENNESSEE VALLEY AUTHORITY NUCLEAR POWER GROUP  
1101 MARKET STREET  
CHATTANOUGA, TENNESSEE 37401  
PLANT: SEQUOYAH NUCLEAR PLANT  
P.O. BOX 2000  
DAISY, TENNESSEE 37379

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UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER: TENNESSEE VALLEY AUTHORITY      PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP                      P.O. BOX 2000  
 1101 MARKET STREET                        DAISY, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401

REFERENCE KEY	DESCRIPTION
A17-01	SECOND ADDITIONAL EXAM COMPONENT LISTING : A17-01 SECOND ADDITIONAL SAMPLE REQUIRED BY IWB-2430 CATEGORY B-G-2      ITEMNO B7.70      INTERVAL 01 SECOND ADDITIONAL SAMPLE STATUS REPORT : A17-01 THIS PROGRAM CORRESPONDS TO REPAIR PROGRAM 133-01
B01-01	AUGMENTED EXAM COMPONENT LISTING : B01-01 REACTOR COOLANT PUMP FLYWHEEL INTEGRITY EXAMS PER REGULATORY GUIDE 1.14      POSITION C.4.B AUGMENTED EXAMINATION STATUS REPORT : B01-01
B02-01	AUGMENTED EXAMS COMPONENT LISTING : B02-01 AUGMENTED EXAM OF THE FEEDWATER NOZZLE-TO-PIPE WELDS AND ADJACENT PIPE & NOZZLE AREA PER NRC IEB 79-13, IES-63-02 AUGMENTED EXAMINATION STATUS REPORT : B02-01
B03-01	AUGMENTED EXAM COMPONENT LISTING : B03-01 DEGRADATION OF THREADED FASTENERS IN RC PRESS BOUNDARY CATEGORY B-G-1      ITEM B9.30      PER NRC IEB 82-02 AUGMENTED EXAMINATION STATUS REPORT : B03-01
B04-01	ACCELERATED FIELD WELD PROGRAM : B04-01 AUGMENTED FIELD WELD EXAMS PER NRC COMMITMENT TVA COMMITMENT OF FIELDS WELDS TO NRC ACCELERATED FIELD WELD PROGRAM : B04-01
B05-01	AUGMENTED EXAMS COMPONENT LISTING : B05-01 AUGMENTED EDDY CURRENT EXAMINATIONS OF THIMBLE TUBES PER I. E. BULLETIN NO. 87-44 AUGMENTED EXAMS STATUS REPORT : B05-01

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TENNESSEE VALLEY AUTHORITY  
SEQUOYAH NUCLEAR POWER PLANT - UNIT 2

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ATA ELEMENT : EXREQ

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UNIT 2  
CERTIFICATE OF AUTHORIZATION NOT REQUIRED  
COMMERCIAL SERVICE DATE: 1, 1982  
NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER: TENNESSEE VALLEY AUTHORITY    PLAN: SEQUOYAH NUCLEAR PLANT  
NUCLEAR POWER GROUP                    P.O. BOX 2000  
1101 MARKET STREET                    DAISY, TENNESSEE 37379  
CHATTANOOGA, TENNESSEE 37401

REFERENCE KEY	DESCRIPTION
B06-01	AUGMENTED EXAM COMPONENT LISTING: B06-01 AUGMENTED PRESSURIZER SURGE LINC THERMAL STRATIFICATION PER METHOD NRC BULLETIN 88-11 AUGMENTED EXAMINATION STATUS REPORT: 88-11
B07-01	AUGMENTED EXAMS COMPONENT LISTING : B07-01 AUGMENTED EXAMINATION OF REACTOR PRESSURE VESSLL HEAD WELD EXAMS PER NRC CODE CASE N-209 AUGMENTED EXAMINATION STATUS REPORT B07-01
B08-01	AUGMENTED EXAM COMPONENT LISTING : B08-01 THERMAL STRESSES IN PIPING CONNECTED TO REACTOR COOLANT SYS. EXAMS PER NRC IEB 88-08 AUGMENTED EXAMINATION STATUS REPORT : B08-01
D01-01	AUGMENTED EXAM COMPONENT LISTING : D01-01 AUGMENTED EXAMINATION OF REACTOR PRESSURE VESSEL NOZZLE CLADDING PER TECHNICAL SPECIFICATION 4.4.10 AUGMENTED EXAMINATION STATUS REPORT : D01-01
D02-01	AUGMENTED EXAM COMPONENT LISTING : D02-01 AUGMENTED EXAMINATIONS OF FEEDWATER NOZZLE-TO-PIPE WELDS PER METHOD IN IE BULLETIN 79-13. FOLLOW-UP EXAMS. AUGMENTED EXAMINATION STATUS REPORT : D02-01
D03-01	AUGMENTED EXAM COMPONENT LISTING : D03-01 AUGMENTED EXAMINATION REACTOR PRESSURE VESSEL NOZZLE SAFE ENDS AS A RESULT OF SNP REPORT AUGMENTED EXAMINATION STATUS REPORT : D03-01

TENNESSEE VALLEY AUTHORITY  
SEQUOYAH NUCLEAR POWER PLANT UNIT 2  
ISI DATA BASE  
REFERENCE CLUSTER LISTING  
DATA ELEMENT : EXREQ

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REFERENCE KEY	DESCRIPTION
D04-01	AUGMENTED EXAM COMPONENT LISTING : D04-01 AUGMENTED EXAM OF STEAM GENERATOR J-TUBES AND FEEDRING SELF-IMPOSED BY TVA LETTER (L29 840109 859). AUGMENTED EXAMINATION STATUS REPORT : D04-01
D05-01	AUGMENTED EXAM COMPONENT LISTING: D05-01 AUGMENTED EXAM OF SOCKET WELDS PER IIR BULLETIN 88-08, DUE TO FAILURE AT FARLEY NUC PLT AUGMENTED EXAMINATION STATUS REPORT : D05-01
D06-01	AUGMENTED EXAM COMPONENT LISTING: D06-01 AUGMENTED EXAMS OF CONTROL ROD DRIVE GUIDE TUBE FLEXURES PERFORMED IN ACCORDANCE WITH SMI-D-68-15 AUGMENTED EXAMINATION STATUS REPORT : D06-01
D07-01	AUGMENTED EXAM COMPONENT LISTING : D07-01 AUGMENTED EXAM OF BASE METAL-RCPBM-RUC-D23 SELF-IMPOSED BY TVA PER CAQR 890138 AUGMENTED EXAM STATUS REPORT : D07-01
D08-01	AUGMENTED EXAM COMPONENT LISTING : D08-01 AUGMENTED EXAM OF VALVES, BODY L BONNETT: TVA IMPOSED SELF IMPOSED EXAM, REF PARA. 2C-15 OF SI-114.2 AUGMENTED EXAM COMPONENT LISTING : D08-01
D09-01	AUGMENTED EXAM COMPONENT LISTING : D09-01 WELDS ASSOCIATED WITH POTENTIAL THERMAL STRATIFICATION SELF IMPOSED BY TVA, REF. INCIDENT INVESTIGATION II-5-92-027 AUGMENTED EXAMINATION STATUS REPORT : D09-01 SIX EXAM SCHEDULED FOR CYCLE 06: RCF-23, SI-1941, SIF-128, SIF-145, SIF-168, AND SIF-184.

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UNIT 2  
CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
COMMERCIAL SERVICE DATE: JUNE 1, 1989  
NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
NUCLEAR POWER GROUP P.O. BOX 2000  
1101 MARKET STREET DAISY, TENNESSEE 37379  
CHATTANOUGA, TENNESSEE 37401



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TENNESSEE VALLEY AUTHORITY  
SEQUOYAH NUCLEAR POWER PLANT UNIT 2

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REFERENCE KEY

DESCRIPTION

P01-01 PRESERVICE INSPECTION COMPONENT LISTING : P01-01  
 ASME SECTION XI, 1974 EDITION THROUGH AND INCLUDING  
 THE SUMMER 1975 ADDENDA, INTERVAL 01 ONLY  
 PRESERVICE INSPECTION PROGRAM STATUS REPORT: P01-01

R01-01 REPAIR/REPLACEMENT COMPONENT LISTING : R01-01  
 PRESERVICE REQUIRED IN ACCORDANCE WITH IWA-4500/7530  
 CATEGORY 9-K-2 ITEM 911.10/811.20 INTERVAL 01  
 REPAIR/REPLACEMENT STATUS REPORT : R01-01  
 THIS PROGRAM CORRESPONDS TO ADDITIONAL SAMPLE PROGRAM A01-01

R02-01 REPAIR/REPLACEMENT COMPONENT LISTING : R02-01  
 PRESERVICE REQUIRED IN ACCORDANCE WITH IWA-4500/7530  
 CATEGORY B-K-2 ITEM 811.10/811.20 INTERVAL 01  
 REPAIR/REPLACEMENT STATUS REPORT : R02-01  
 THIS PROGRAM CORRESPONDS TO ADDITIONAL SAMPLE PROGRAM A02-01

R03-01 REPAIR/REPLACEMENT COMPONENT LISTING : R03-01  
 PRESERVICE REQUIRED IN ACCORDANCE WITH IWA-4500/7530  
 CATEGORY C-E ITEM C3.50/C3.60 INTERVAL 01  
 REPAIR/REPLACEMENT STATUS REPORT : R03-01  
 THIS PROGRAM CORRESPONDS TO ADDITIONAL SAMPLE PROGRAM A03-01

R04-01 REPAIR/REPLACEMENT COMPONENT LISTING : R04-01  
 PRESERVICE REQUIRED IN ACCORDANCE WITH IWA-4500/7530  
 CATEGORY C-E ITEM C3.50/3.60 INTERVAL 01  
 REPAIR/REPLACEMENT STATUS REPORT : R04-01  
 THIS PROGRAM CORRESPONDS TO ADDITIONAL SAMPLE PROGRAM A04-01

R05-01 REPAIR/REPLACEMENT COMPONENT LISTING : R05-01  
 PRESERVICE REQUIRED IN ACCORDANCE WITH IWA-4500/7530  
 CATEGORY B-F ITEM B5.10 INTERVAL 01  
 REPAIR/REPLACEMENT STATUS REPORT : R05-01  
 THIS PROGRAM CORRESPONDS TO ADDITIONAL SAMPLE PROGRAM A05-01

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP P.O. BOX 2000  
 1101 MARKET STREET DAISY, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401

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TENNESSEE VALLEY AUTHORITY  
SEQUOYAH NUCLEAR POWER PLANT UNIT 2  
ISI DATA BASE  
REFERENCE CLUSTER LISTING  
DATA ELEMENT : EXREQ  
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UNIT 2  
CERTIFICATE OF AUTHORIZATION NOT REQUIRED  
COMMERCIAL SERVICE DATE: JUNE 1, 1982  
NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
NUCLEAR POWER GROUP P.O. BOX 2000  
1101 MARKET STREET DAISY, TENNESSEE 37379  
CHATTANOOGA, TENNESSEE 37401

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REFERENCE KEY DESCRIPTION  
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R06-01 REPAIR/REPLACEMENT COMPONENT LISTING : R06-01  
PRESERVICE REQUIRED IN ACCORDANCE WITH IMA-4500/7530  
CATEGORY B-G-2 ITEM B7.50 INTERVAL 01  
REPAIR/REPLACEMENT STATUS REPORT : R06-01  
THIS PROGRAM CORRESPONDS TO ADDITIONAL SAMPLE PROGRAM A06-01

R07-01 REPAIR/REPLACEMENT COMPONENT LISTING : R07-01  
PRESERVICE REQUIRED IN ACCORDANCE WITH IMA-4500/7530  
CATEGORY B-J ITEM B9.21 INTERVAL 01  
REPAIR/REPLACEMENT STATUS REPORT : R07-01  
THIS PROGRAM CORRESPONDS TO ADDITIONAL SAMPLE PROGRAM A07-01

R08-01 REPAIR/REPLACEMENT COMPONENT LISTING : R08-01  
PRESERVICE REQUIRED IN ACCORDANCE WITH IMA-4500/7530  
CATEGORY B-G-2 ITEM B7.76 INTERVAL 01  
REPAIR/REPLACEMENT STATUS REPORT : R08-01  
THIS PROGRAM CORRESPONDS TO ADDITIONAL SAMPLE PROGRAM A08-01

R09-01 REPAIR/REPLACEMENT COMPONENT LISTING : R09-01  
PRESERVICE REQUIRED IN ACCORDANCE WITH IMA-4500/7530  
CATEGORY B-J ITEM B9.40 INTERVAL 01  
REPAIR/REPLACEMENT STATUS REPORT : INTERVAL 01  
THIS PROGRAM CORRESPONDS TO ADDITIONAL SAMPLE PROGRAM A09-01

R10-01 REPAIR/REPLACEMENT COMPONENT LISTING : R10-01  
PRESERVICE REQUIRED IN ACCORDANCE WITH IMA-4500/7530  
CATEGORY C-E ITEM C3.80 INTERVAL 01  
REPAIR/REPLACEMENT STATUS REPORT : R10-01  
THIS PROGRAM CORRESPONDS TO ADDITIONAL SAMPLE PROGRAM A10-01

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TENNESSEE VALLEY AUTHORITY  
SEQUOYAH NUCLEAR POWER PLANT UNIT 2

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DATA ELEMENT : EXREQ

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REFERENCE KEY DESCRIPTION

R11-01

REPAIR/REPLACEMENT COMPONENT LISTING : R11-01  
PRESERVICE REQUIRED IN ACCORDANCE WITH IMA-4500/7530  
CATEGORY D-A ITEM D.1.2/D.1.3 INTERVAL 01  
REPAIR/REPLACEMENT STATUS REPORT : R11-01  
THIS PROGRAM HAS NO ADDITIONAL SAMPLE

R12-01

REPAIR/REPLACEMENT COMPONENT LISTING : R12-01  
PRESERVICE REQUIRED IN ACCORDANCE WITH IMA-4500/7530  
CATEGORY B-K-1 ITEM B10.10 INTERVAL 01  
REPAIR/REPLACEMENT STATUS REPORT : R12-01  
THIS PROGRAM CORRESPONDS TO ADDITIONAL SAMPLE PROGRAM A12-01

R13-01

REPAIR/REPLACEMENT COMPONENT LISTING : R13-01  
PRESERVICE REQUIRED IN ACCORDANCE WITH IMA-4500/7530  
CATEGORY C-E ITEM C3.20 INTERVAL 01  
REPAIR/REPLACEMENT STATUS REPORT : R13-01  
THIS PROGRAM CORRESPONDS TO ADDITIONAL SAMPLE A11-01

R14-01

REPAIR/REPLACEMENT COMPONENT LISTING : R14-01  
PRESERVICE REQUIRED IN ACCORDANCE WITH IMA-4500/7530  
CATEGORY D-B ITEM D.2.2/D.2.3 INTERVAL 01  
REPAIR/REPLACEMENT STATUS REPORT : R14-01  
THIS PROGRAM HAS NO ADDITIONAL SAMPLE

R15-01

REPAIR/REPLACEMENT COMPONENT LISTING : R15-01  
PRESERVICE REQUIRED IN ACCORDANCE WITH IMA-4500/7530  
CATEGORY B-F ITEM B5.10 INTERVAL 01  
REPAIR/REPLACEMENT STATUS REPORT : R15-01  
THIS PROGRAM CORRESPONDS TO ADDITIONAL SAMPLE A12-01

UNIT 2  
CERTIFICATE OF AUTHORIZATION NOT REQUIRED  
COMMERCIAL SERVICE DATE: JUNE 1, 1982  
NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
NUCLEAR POWER GROUP P.O. BOX 2000  
1101 MARKET STREET DAISY, TENNESSEE 37379  
CHATTANOOGA, TENNESSEE 37402

TENNESSEE VALLEY AUTHORITY  
 SEQUOYAH NUCLEAR POWER PLANT UNIT 2  
 ISI DATA BASE  
 REFERENCE CLUSTER LISTING  
 DATA ELEMENT = EXREQ

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REFERENCE KEY

DESCRIPTION

R16-01

REPAIR/REPLACEMENT COMPONENT LISTING : R16-01  
 PRESERVICE REQUIRED IN ACCORDANCE WITH IWA-4500/7530  
 CATEGORY B-G-2 ITEM B7.30 BOLTING PER NRC IEB 82-02  
 REPAIR/REPLACEMENT STATUS REPORT : R16-01  
 THIS PROGRAM CORRESPONDS TO AUGMENTED PROGRAM 803-01

R17-01

REPAIR/REPLACEMENT COMPONENT LISTING: R17-01  
 PRESERVICE REQUIRED IN ACCORDANCE WITH IWA-4500/7530  
 CATEGORY B-K-2 ITEM B11.10 INTERVAL 01  
 REPAIR/REPLACEMENT STATUS REPORT: R17-01

R18-01

REPAIR/REPLACEMENT COMPONENT LISTING: R18-01  
 PRESERVICE REQUIRED IN ACCORDANCE WITH IWA-4500/7530  
 CATEGORY C-E ITEM C3.50/C3.60 INTERVAL 01  
 REPAIR/REPLACEMENT STATUS REPORT: R18-01

R19-01

REPAIR/REPLACEMENT COMPONENT LISTING: R19-01  
 PRESERVICE REQUIRED IN ACCORDANCE WITH IWA-4500/7530  
 CATEGORY B-G-2 BOLTING INTERVAL 01  
 REPAIR/REPLACEMENT STATUS REPORT: R19-01

R20-01

REPAIR/REPLACEMENT COMPONENT LISTING: R20-01  
 PRESERVICE REQUIRED IN ACCORDANCE WITH IWA-4500/7530  
 SG----CATEGORY B-Q ITEM B16.20 INTERVAL 01  
 REPAIR/REPLACEMENT STATUS REPORT: R20-01

R21-01

REPAIR/REPLACEMENT COMPONENT LISTING: R21-01  
 PRESERVICE REQUIRED IN ACCORDANCE WITH IWA-4500/7530  
 CATEGORY B-K-2 ITEM B12.40 INTERVAL 01  
 REPAIR/REPLACEMENT STATUS REPORT: R21-01

OWNER: TENNESSEE VALLEY AUTHORITY  
 NUCLEAR POWER GROUP  
 1101 MARKET STREET  
 CHATTANOOGA, TENNESSEE 37401  
 PLANT: SEQUOYAH NUCLEAR PLANT  
 P. O. BOX 2000  
 DASY, TENNESSEE 37329

UNIT 2  
 CERTIFICATE OF AUTHORIZATION NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1987  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

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TENNESSEE VALLEY AUTHORITY  
SEQUOYAH NUCLEAR POWER PLANT  
UNIT 2  
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REFERENCE CLUSTER LISTING  
DATA ELEMENT : EXREQ

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REFERENCE KEY DESCRIPTION

R29-01 REPAIR/REPLACEMENT COMPONENT LISTING: R29-01  
PRESERVICE REQUIRED IN ACCORDANCE WITH MI-3.1  
CATEGORY B-G-2 BOLTING OF MANWAY COVERS BOLTING INTERVAL 01  
REPAIR/REPLACEMENT STATUS REPORT: R29-01

R30-01 REPAIR/REPLACEMENT COMPONENT LISTING : R30-01  
PRESERVICE REQUIRED IN ACCORDANCE WITH IWA-4500/7530  
CATEGORY B-F ITEM B5.10 INTERVAL 01  
REPAIR/REPLACEMENT STATUS REPORT : R30-01  
THIS PROGRAM HAS NO ADDITIONAL SAMPLE

R31-01 REPAIR/REPLACEMENT COMPONENT LISTING : R41-01  
PRESERVICE REQUIRED IN ACCORDANCE WITH IWA-4500/7530  
CATEGORY B-J ITEM B9.11/89.21/89.40 INTERVAL 01  
REPAIR/REPLACEMENT STATUS REPORT : R31-01  
THIS PROGRAM HAS NO ADDITIONAL SAMPLE

R32-01 REPAIR/REPLACEMENT COMPONENT LISTING : R32-01  
PRESERVICE REQUIRED IN ACCORDANCE WITH IWA-4500/7530  
CATEGORY C-8 ITEM C2.20 INTERVAL 01  
REPAIR/REPLACEMENT STATUS REPORT : R32-01  
THIS PROGRAM CORRESPONDS TO ADDITIONAL SAMPLE PROGRAM A16-01

R33-01 REPAIR/REPLACEMENT COMPONENT LISTING : R33-01  
PRESERVICE REQUIRED IN ACCORDANCE WITH IWA 4500/7530  
CATEGORY B-G-2 ITEM G 87.70 INTERVAL 01  
REPAIR/REPLACEMENT EXAM STATUS REPORT R33-01  
THIS PROGRAM CORRESPONDS TO SECOND ADDITIONAL SAMPLE A17-01

R34-01 REPAIR/REPLACEMENT COMPONENT LISTING : R34-01  
PRESERVICE REQUIRED IN ACCORDANCE WITH IWA-4500/7530  
CATEGORY C-F ITEM C5.11/C5.12/C5.21/C5.22 INTERVAL 01  
REPAIR REPLACEMENT EXAM STATUS REPORT R34-01

UNIT 2  
CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
COMMERCIAL SERVICE DATE: JUNE 1, 1982  
NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER: TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER GROUP  
1101 MARKET STREET  
CHATTANOOGA, TENNESSEE 37401  
PLANT: SEQUOYAH NUCLEAR PLANT  
P.O. BOX 2000  
DAISY, TENNESSEE 37879

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 NUTECH  
 TENNESSEE VALLEY AUTHORITY  
 SEQUOYAH NUCLEAR POWER PLANT UNIT 2  
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 ISI DATA BASE  
 REFERENCE CLUSTER LISTING  
 DATA ELEMENT : EXREP  
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UNIT 2  
 CERTIFICATE OF AUTHORIZATION NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP P.O. BOX 2000  
 1101 MARKET STREET DAISY, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401

REFERENCE KEY	DESCRIPTION
S01-01	SUCCESSIVE EXAM COMPONENT LISTING : S01-01 SUCCESSIVE EXAMINATIONS IN ACCORDANCE WITH IWB-2420 CATEGORY B-K-1 ITEMNO B1G.10 INTERVAL J1 SUCCESSIVE EXAMINATION STATUS REPORT S01-01
S01-02	SUCCESSIVE EXAM COMPONENT LISTING : S01-02
S02-01	SUCCESSIVE EXAM COMPONENT LISTING : S02-01 SUCCESSIVE EXAMINATIONS IN ACCORDANCE WITH IWB-2420 CATEGORY C-U ITEMNO C2.20 INTERVAL 01 SUCCESSIVE EXAMINATIONS STATUS REPORT S02-01
V01-01	VOLUNTARY EXAM COMPONENT LISTING : V01-01 VOLUNTARY EXAMINATION OF COMPONENTS EXAMINATION DONE IN COMPLIANCE WITH 785-01 EXAMINATION COMPONENT LISTING STATUS REPORT : V01-01
V02-01	VOLUNTARY EXAM COMPONENT LISTING : V02-01 VOLUNTARY EXAMINATION OF COMPONENTS EXAMS PERFORMED IN COMPLIANCE WITH 785-01 VOLUNTARY EXAMINATION COMPONENT LISTING : V02-01 VOLUNTARY EXAMS RESULTING FROM FEEDWATER TRANSITION WELDS CRACKING PROBLEM.
785-01	COMPONENT LISTING AND ISI 10 YEAR PLAN : 785-01 ASME SECTION XI, 1977 EDITION THROUGH AND INCLUDING THE SUMMER 1978 ADDENDA, INTERVAL 01 ONLY INSERVICE INSPECTION PROGRAM STATUS REPORT:785-01 74575 USED TO DETERMINE THE EXTENT OF EXAMS FOR PIPING WELDS IN CATEGORIES B-J AND C-F AS ALLOWED BY 10CFR50.55A(B)(2)

OWNER: TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER GROUP  
1101 MARKET STREET  
CHATTANOOGA, TENNESSEE 37402-2801

PLANT: SEQUOYAH NUCLEAR PLANT  
P.O. BOX 2000  
SODDY DAISY, TENNESSEE  
37379

UNIT: 1  
COMMERCIAL SERVICE DATE: JUNE 1, 1982  
REGULATORY BOARD NUMBER FOR UNIT: NOT REQUIRED  
CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

APPENDIX IV PART A

POST OUTAGE ISI STATUS REPORT

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TENNESSEE VALLEY AUTHORITY  
SEQUOYAH NUCLEAR POWER PLANT - UNIT 2  
ISI DATA BASE  
PDOT OUTAGE EXAMINATION RESULTS REPORT  
EXAM REQUIREMENT : 285-01 CYCLE : 85  
INTERVAL : 01 PERIOD : 5

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SYSTEM : CVCS CHEMICAL & VOLUME CONTROL SYSTEM - 062  
ISOMETRIC NUMBER : ISI-8889-C SHEET : 01

FEATURE NUMBER	COMPONENT DESCRPT.	CATEGORY/ 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-285	PIPE -ELBOW	B-J 09.21	RI '04562			PT	19920526	PASS	YES			
CVCS-290	PIPE -ELBOW	B-J 09.21	R00004572			PT	19920522	PASS	YES			
CVCS-294	PIPE -ELBOW	B-J 09.21	R00004575			PT	19920529	PASS	YES			

UNIT 2

CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
COMMERCIAL SERVICE DATE: JUNE 1, 1982  
NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER TENNESSEE VALLEY AUTHORITY NUCLEAR POWER GROUP 1101 MARKET STREET CHATTANOOGA, TENNESSEE 37401	PLANT: SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 DAISY, TENNESSEE 37379
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REFERENCE DRAWING  
 47W406 SERIES  
 NAVCO A-7850 R-F80

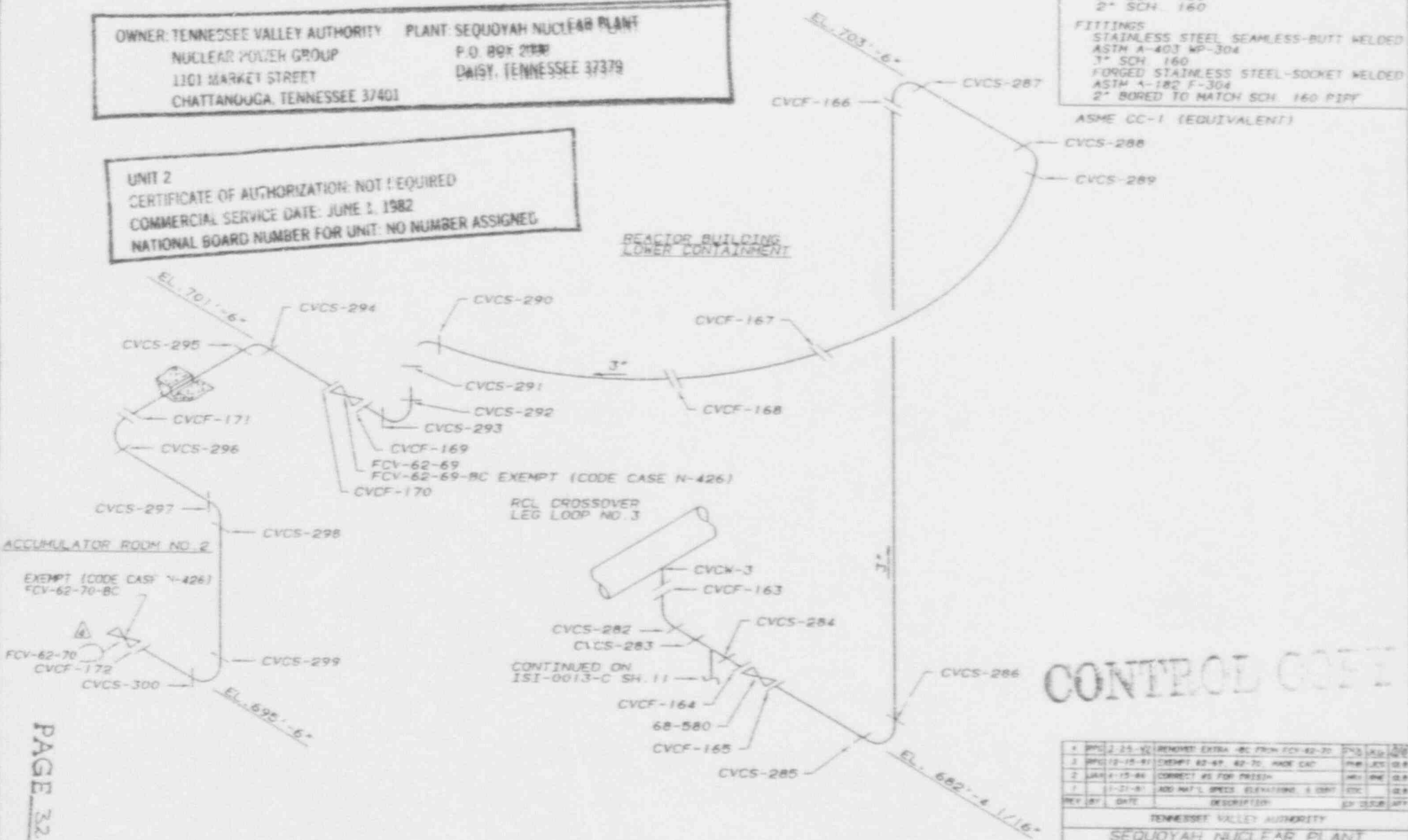
MATERIAL SPECIFICATIONS

PIPE  
 STAINLESS STEEL SEAMLESS  
 ASTM A-376 TP-304  
 3" SCH. 160  
 2" SCH. 160

FITTINGS  
 STAINLESS STEEL SEAMLESS-BUTT WELDED  
 ASTM A-403 WP-304  
 3" SCH. 160  
 FORGED STAINLESS STEEL-SOCKET WELDED  
 ASTM A-182 F-304  
 2" BORED TO MATCH SCH. 160 PIPE

OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP P.O. BOX 2088  
 1101 MARKET STREET DAVISY, TENNESSEE 37379  
 CHATTANOUGA, TENNESSEE 37401

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED



CONTROL CASE

1	8/21/81	REMOVED EXTRA -BC FROM FCV-62-70	EDC	GLB	GLB
2	8/21/81	EXEMPT 62-69, 62-70, MAKE CAC	EDC	GLB	GLB
3	1/15/84	CORRECT #5 FOR PRESS	EDC	GLB	GLB
4	1/21/81	ADD NAT'L SPEC. ELEVATIONS & UNIT ETC	EDC	GLB	GLB
REV BY	DATE	DESCRIPTION	EDC	GLB	GLB

TENNESSEE VALLEY AUTHORITY  
 SEQUOYAH NUCLEAR PLANT  
 UNIT 2  
 CHEMICAL AND VOLUME CONTROL SYSTEM  
 WELD LOCATIONS

DRAWN BY	SUBMITTED	APPROVED	SCALE NTS
DATE	DATE	DATE	SHEET 1 OF 2 SHEETS
DRAWN BY	EDC	GLB	DRAWING NO. ISI-0009-C104

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*****
* NUTCH                                TENNESSEE VALLEY AUTHORITY                                PRISM
* SEQUOYAH NUCLEAR POWER PLANT - UNIT 2
* ISI DATA BASE
* POST OUTAGE EXAMINATION REPORT IS REPORT
* EXAM REQUIREMENT : 285-01    CYCLE : 05
* INTERVAL : 01    PERIOD : 3
* PAGE 2
* REVISION 0001
* DATE 04/11/82
*****
SYSTEM : EVC5 CHEMICAL & VOLUME CONTROL SYSTEM - 017
ISOMETRIC NUMBER : 101-000V-C SHEET : 02
*****

```

FEATURE NUMBER	COMPONENT DESCRPT.	CATEGORY ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC RI CREDIT	W/STEP REQST.	INDICATION TYPE	INDICATION RESOLUTION
EVC5-368	ELBOW -PIPE	B-1 09-21	00000507			FI	19920521	PASS	YES			
EVC5-371	ELBOW -PIPE	B-1 09-21	00000508			FI	19920521	PASS	YES			
EVC5-1	PIPE -LATERAL	B-1 09-21	00000525	00000445	00000270	00-45	01-45	19920522	PASS	YES		
			00000445	00000270	00-45	01-45	19920522	PASS	YES			
			00000445	00000270	00-45	01-45	19920522	PASS	YES	W	INDICATION	NON-RELEVANT

\* See Appendix VII

```

*****
* NUTCH                                TENNESSEE VALLEY AUTHORITY                                PRISM
* SEQUOYAH NUCLEAR POWER PLANT - UNIT 2
* ISI DATA BASE
* POST OUTAGE EXAMINATION REPORT IS REPORT
* EXAM REQUIREMENT : 285-01    CYCLE : 05
* INTERVAL : 01    PERIOD : 3
* PAGE 3
* REVISION 0001
* DATE 04/11/82
*****
SYSTEM : EVC5 CHEMICAL & VOLUME CONTROL SYSTEM - 002
ISOMETRIC NUMBER : 106-000B-C SHEET : 04
*****

```

FEATURE NUMBER	COMPONENT DESCRPT.	CATEGORY ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC RI CREDIT	W/STEP REQST.	INDICATION TYPE	INDICATION RESOLUTION
EVC-1149-00	FLUORID	B-0-2 07-50	00000018			VI-1	19920522	PASS	YES			

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER: TENNESSEE VALLEY AUTHORITY      PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP                      P.O. BOX 2000  
 1101 MARKET STREET                        DAISY, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401

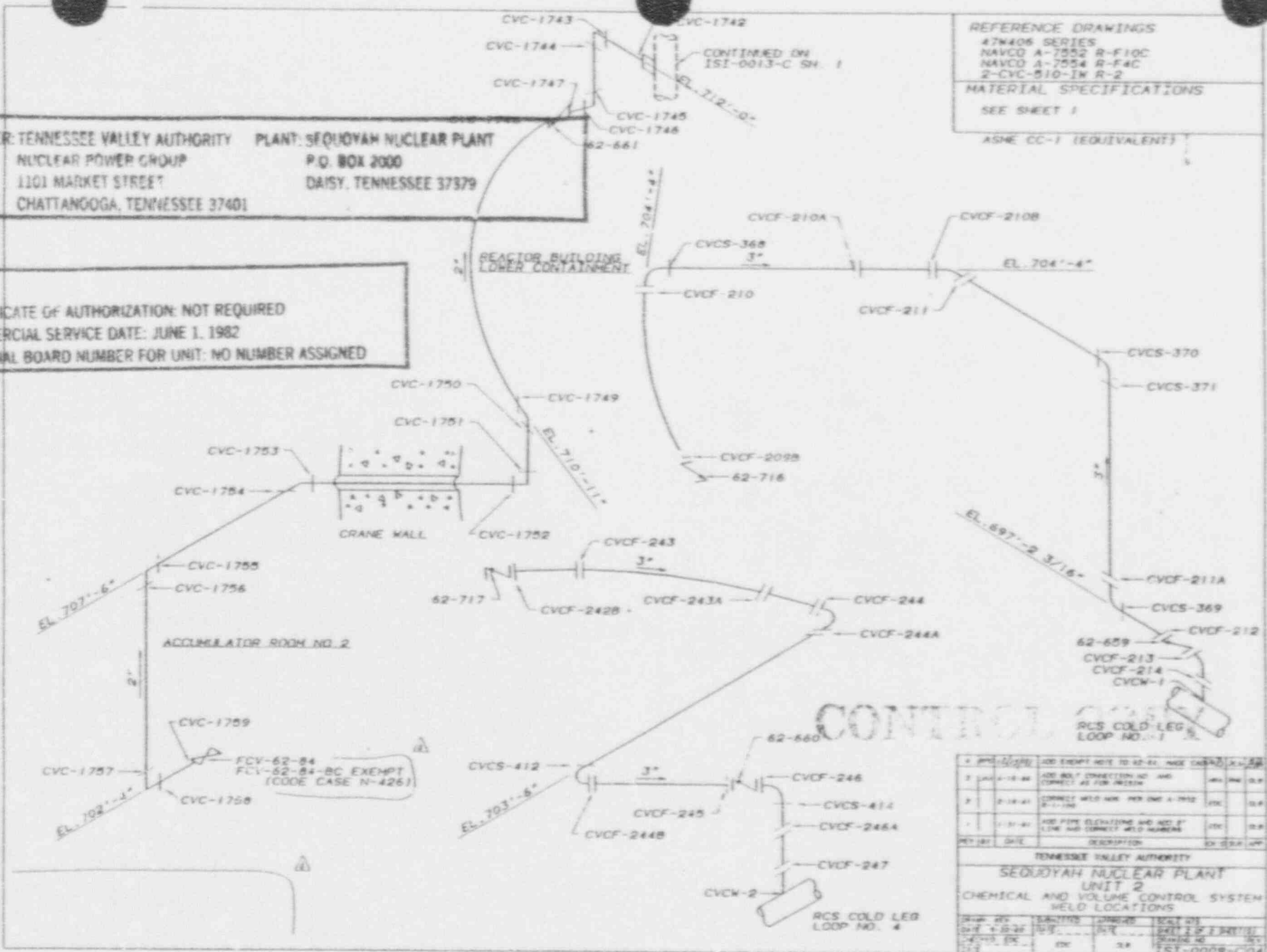
REFERENCE DRAWINGS  
 47W406 SERIES  
 NAVCO A-7552 R-F10C  
 NAVCO A-7554 R-F4C  
 2-CVC-510-IN R-2  
 MATERIAL SPECIFICATIONS  
 SEE SHEET 1

ASME CC-1 (EQUIVALENT)

OWNER: TENNESSEE VALLEY AUTHORITY  
 NUCLEAR POWER GROUP  
 1101 MARKET STREET  
 CHATTANOOGA, TENNESSEE 37401

PLANT: SEQUOYAH NUCLEAR PLANT  
 P.O. BOX 2000  
 DAISY, TENNESSEE 37379

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED



NO.	DATE	DESCRIPTION	BY	CHKD	APPD
1	1-18-81	ADD EXEMPT NOTE TO 62-84, MAKE CHANGE	JLV	MM	SLA
2	4-18-81	ADD NO. 7 CONNECTION AND MAKE CORRECT AS FOR RECORD	JLV	MM	SLA
3	2-18-81	CORRECT WELD NUM. PER ENG. A-1912 P. 1-100	JLV	MM	SLA
4	1-11-81	ADD PIPE ELEVATIONS AND NO. 8 LINE AND CORRECT WELD NUMBERS	JLV	MM	SLA

PREPARED BY: TENNESSEE VALLEY AUTHORITY  
 SEQUOYAH NUCLEAR PLANT  
 UNIT 2  
 CHEMICAL AND VOLUME CONTROL SYSTEM  
 WELD LOCATIONS

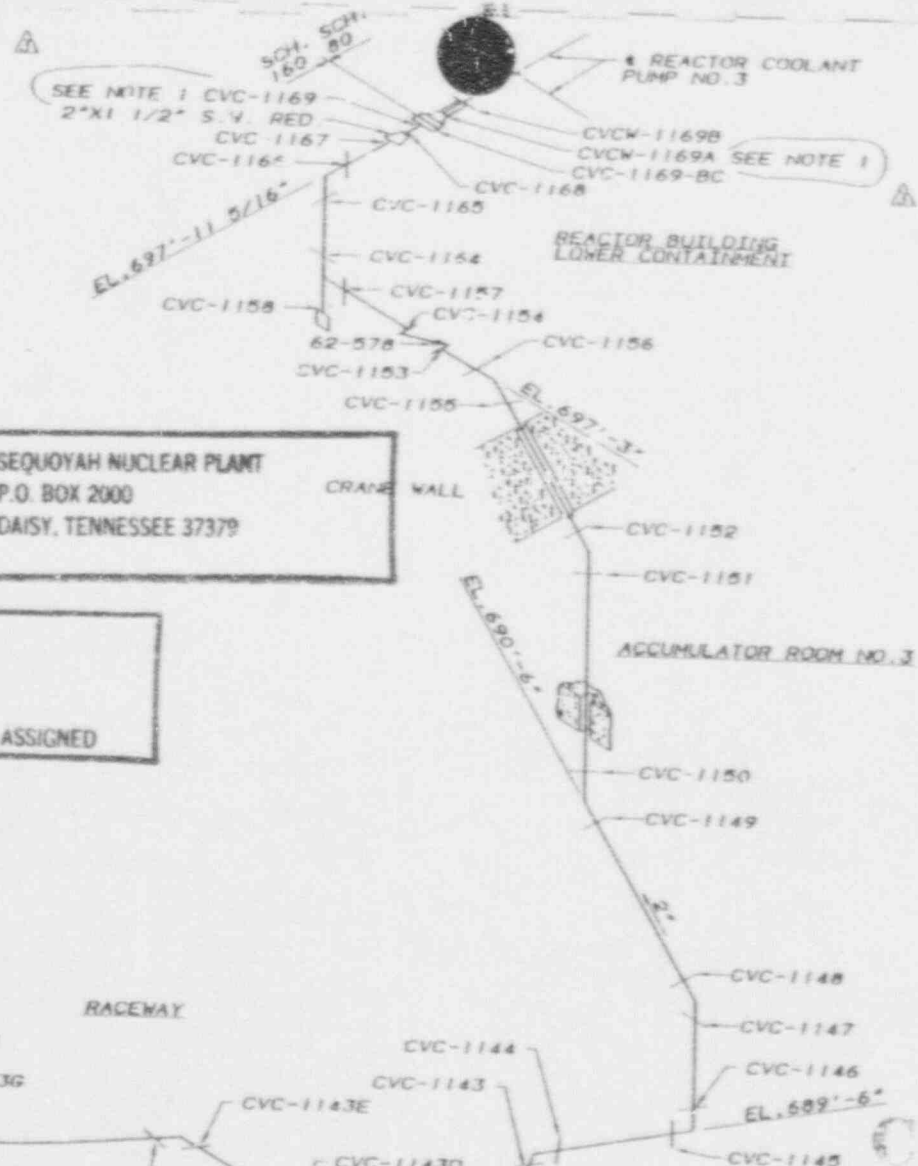
SCALE	DATE	BY	CHKD	APPD
AS SHOWN	1-18-81	JLV	MM	SLA
AS SHOWN	4-18-81	JLV	MM	SLA
AS SHOWN	2-18-81	JLV	MM	SLA
AS SHOWN	1-11-81	JLV	MM	SLA

ISI-0009-C104

REFERENCE DRAWING  
 47W406-12  
 47W406-13  
 2-CVC-502-1W

MATERIAL SPECIFICATIONS  
 SEE SHEET 1  
 ASME CC-1 (EQUIVALENT)

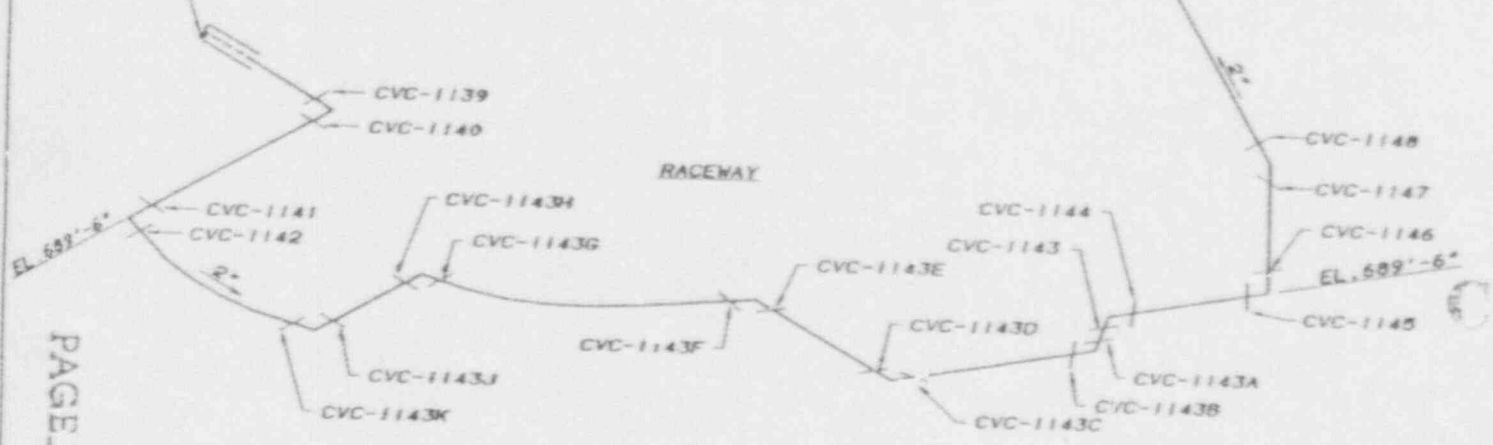
NOTES:  
 1. WELD NOS. CVC-1169 & CVCW-1169A  
 ARE BUTT WELDED



OWNER: TENNESSEE VALLEY AUTHORITY    PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP                      P.O. BOX 2000  
 1101 MARKET STREET                        DAISY, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

CONTINUED FROM SHEET 3



CONTROL COPY

2	11-24-82	ADD NOTE TO CVC-1169 & CVC-1169A	PREL	AK
2	11-24-82	CONNECT CLASS OVER & ADD IN TO NAME FOR PIPING	PREL	AK
1	11-24-82	ADD IN TO CONNECTION NO.	PREL	AK
REV BY	DATE	DESCRIPTION	EXP	APP
USERNAME	JOB NO	SOFTWARE	CADW	USER
TENNESSEE VALLEY AUTHORITY				
SEQUOYAH NUCLEAR PLANT				
UNIT 2				
SEAL WATER INJECTION				
(CHEMICAL AND VOLUME CONTROL SYSTEM)				
DRW. REV	SUBMITTED	APPROVED	SCALE	DATE
DATE	DATE	DATE	SHEET # OF # SHEETS	DATE
DRWING NO.	DRWING NO.	DRWING NO.	DRWING NO.	DRWING NO.
DATE	DATE	DATE	DATE	DATE
MSG-0008-C103				

PAGE 35 of 119

\*\*\*\*\*  
 \* NUTECH TENNESSEE VALLEY AUTHORITY PRISM \*  
 \* SEQUOYAH NUCLEAR POWER PLANT - UNIT 2 \*  
 \* ISI DATA BASE \*  
 \* POST OUTAGE EXAMINATION RESULTS REPORT \*  
 \* EXAM REQUIREMENT : 780-E1 CYCLE : 05 \*  
 \* INTERVAL : 01 PERIOD : 0 \*  
 \* DATE 04/11/82 \*  
 \*\*\*\*\*  
 SYSTEM : CVCS CHEMICAL & VOLUME CONTROL SYSTEM - 062  
 ISOMETRIC NUMBER : MSD-0000-C SHEET : 05

FEATURE NUMBER	COMPONENT DESCRPT.	CATEGORY/ 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-1256-BC	FLOBLTU	B-G-2 B7.50	000004521			VT-1	19920522	PASS	YES			
CVCS-1256A	FLO -PIPE	B-J B9.21	000004541			PT	19920526	PASS	YES			

\*\*\*\*\*  
 \* NUTECH TENNESSEE VALLEY AUTHORITY PRISM \*  
 \* SEQUOYAH NUCLEAR POWER PLANT - UNIT 2 \*  
 \* ISI DATA BASE \*  
 \* POST OUTAGE EXAMINATION RESULTS REPORT \*  
 \* EXAM REQUIREMENT : 785-E1 CYCLE : 05 \*  
 \* INTERVAL : 01 PERIOD : 0 \*  
 \* DATE 04/11/82 \*  
 \*\*\*\*\*  
 SYSTEM : FZR RCS PRESSURIZER - 066  
 ISOMETRIC NUMBER : ISJ-0509-A SHEET : 01

FEATURE NUMBER	COMPONENT DESCRPT.	CATEGORY/ 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-2-29	VES PEN	B-E B4.20	W92-03016			VT-2	19920512	PASS	YES			
HP-2-30	VES PEN	B-E B4.20	W92-03016			VT-2	19920512	PASS	YES			
HP-2-31	VES PEN	B-E B4.20	W92-03016			VT-2	19920512	PASS	YES			
HP-2-32	VES PEN	B-E B4.20	W92-03016			VT-2	19920512	PASS	YES			
HP-2-33	VES PEN	B-E B4.20	W92-03016			VT-2	19920512	PASS	YES			
HP-2-50	VES PEN	B-E B4.20	W92-03016			VT-2	19920512	PASS	YES			
HP-2-51	VES PEN	B-E B4.20	W92-03016			VT-2	19920512	PASS	YES			

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

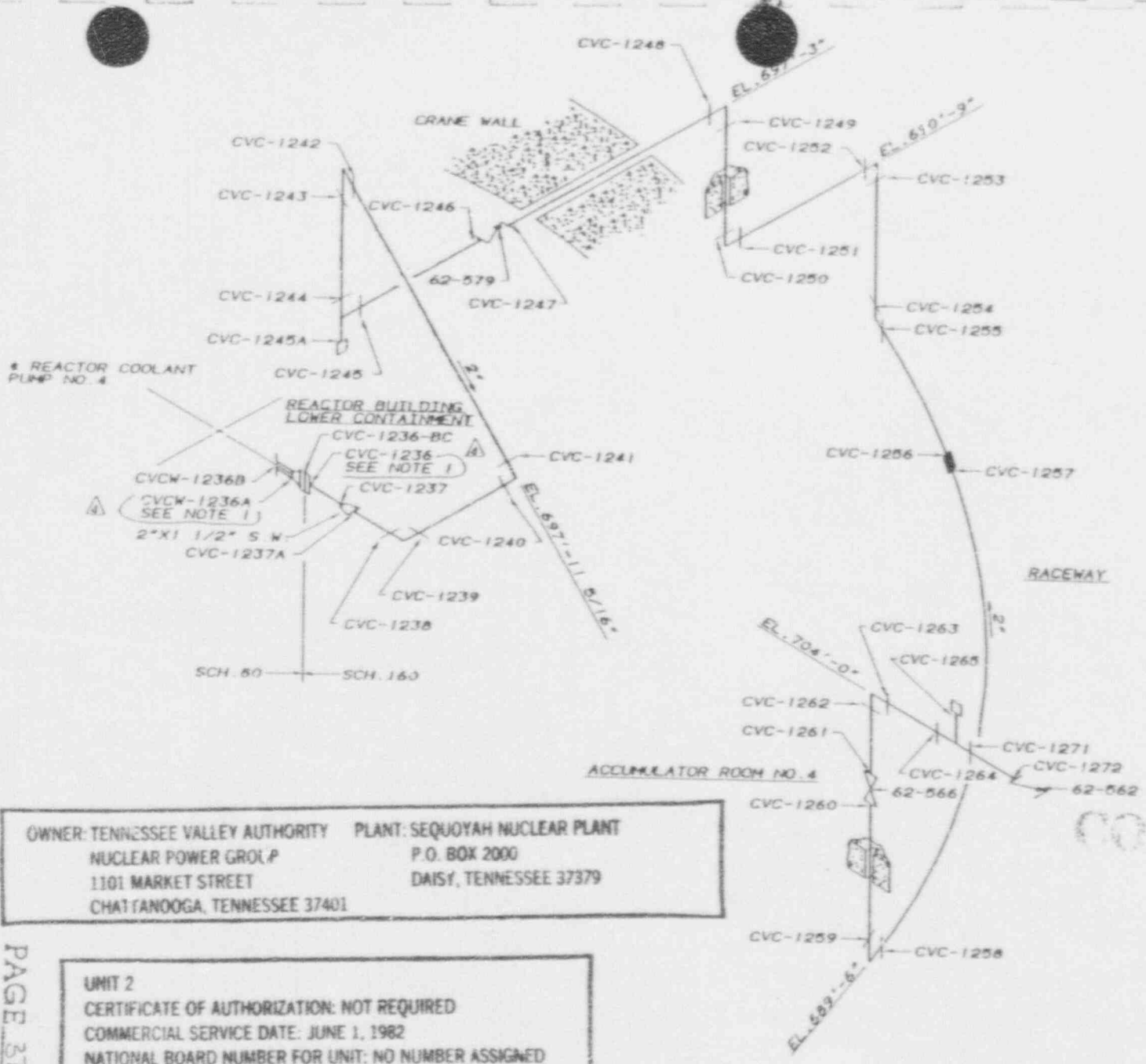
OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP P.O. BOX 2000  
 1101 MARKET STREET DAISY, TENNESSEE 37379  
 CHATTANOUGA, TENNESSEE 37401

REFERENCE DRAWING  
 47W406-12  
 47W406-14  
 47W406-15  
 2-CVC-503-1W

MATERIAL SPECIFICATIONS  
 SEE SHEET 1

ASME CC-1 (EQUIVALENT)

NOTES:  
 1. WELD NOS. CVC-1236 & CVCW-1236A  
 ARE BUTT WELDED



OWNER: TENNESSEE VALLEY AUTHORITY    PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP                    P.O. BOX 2000  
 1101 MARKET STREET                    DAISY, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

PAGE 37 of 101

CONTROL COPY

REV. NO.	DATE	DESCRIPTION	BY	CHKD.	APP.
4	MAR 11-26-81	ADD NOTE TO CVC-1252 & CVCW-1236A & MAKE CAD	332	104	104
3	JAN 9-28-81	DELETE WELD # CVC-1255A	104	CE	CE
2	MAR 8-19-80	CONNECT GLASS OVER A ACC-BLOC NAME FOR FRESH	104	104	CE
1	REV 11-8-81	ADD WELDED CONNECTION NO.	CEC		CE
REV. BY	DATE	DESCRIPTION	BY	CHKD.	APP.

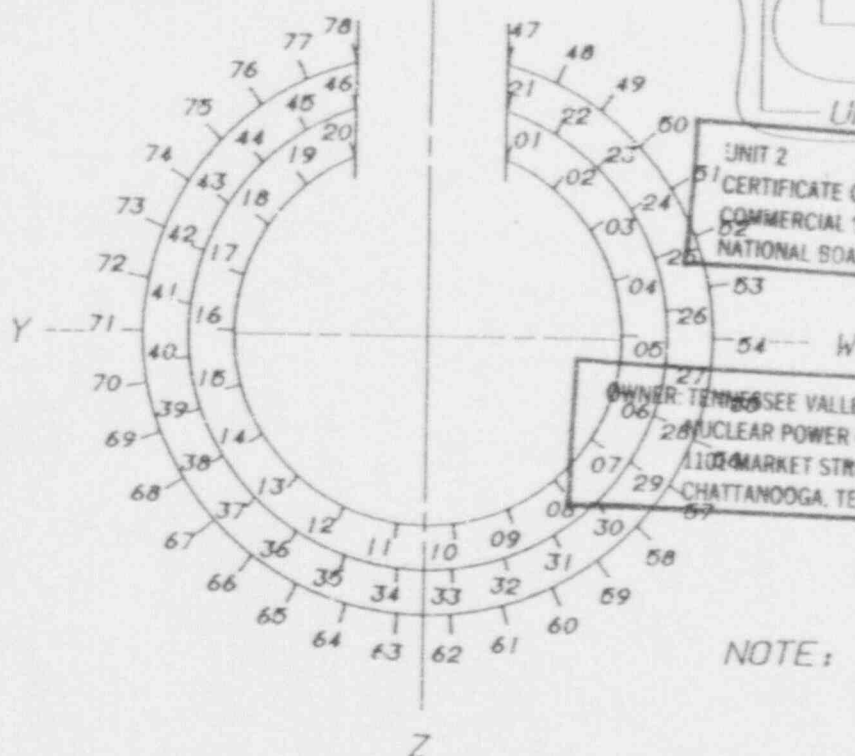
TENNESSEE VALLEY AUTHORITY  
 SEQUOYAH NUCLEAR PLANT  
 UNIT 2  
 SEAL WATER INJECTION  
 (CHEMICAL AND VOLUME CONTROL SYSTEM)

DRAWN BY	SUBMITTED DATE	APPROVED DATE	SCALE	REVISIONS
DATE	DATE	DATE		SHEET 2 OF 3 SHEETS
CHECKED, ETC.	DATE	DATE		DRAWING NO.
DATE	DATE	DATE		MSG-0008-C04

HP-2-XX

HEATER PENETRATION #

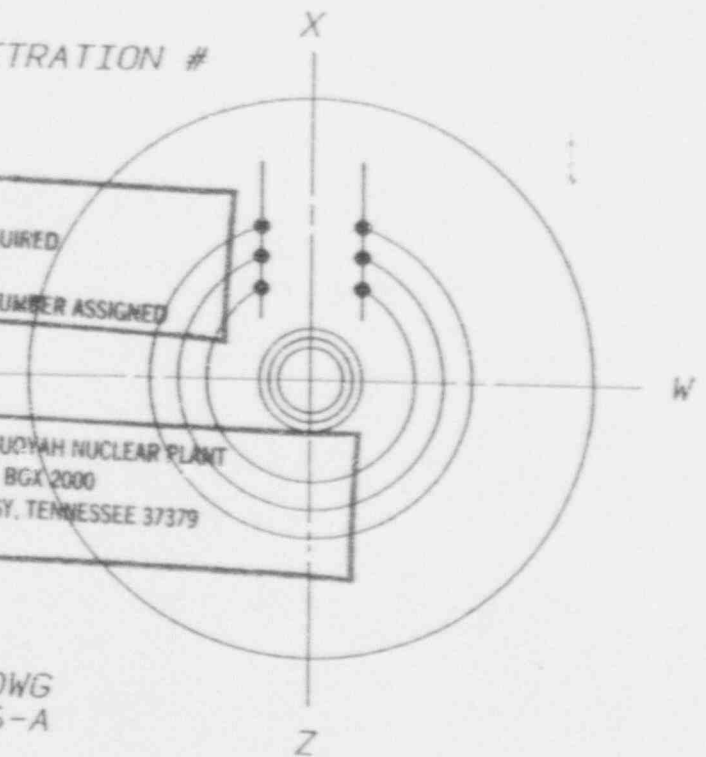
UNIT  $\Delta$



UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER: TENNESSEE VALLEY AUTHORITY  
 NUCLEAR POWER GROUP  
 1100 MARKET STREET  
 CHATTANOOGA, TENNESSEE 37401

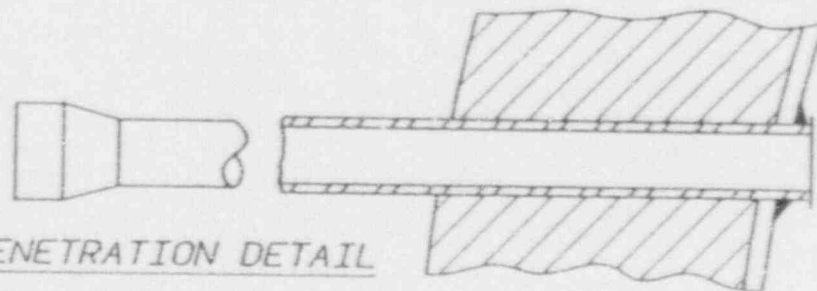
PLANT: SEQUOYAH NUCLEAR PLANT  
 P.O. BOX 2000  
 DAISY, TENNESSEE 37379



NOTE: FOR UNIT 1 DWG  
 SEE MSG-0006-A

BOTTOM VIEW SHOWING HEATER LOCATIONS

BOTTOM VIEW



PENETRATION DETAIL

1	RPG	10-26-88	CHANGED IDENTIFIER		
REV.	BY	DATE	DESCRIPTION	CK'D	SUB APP.
TENNESSEE VALLEY AUTHORITY DIVISION OF NUCLEAR ENGINEERING					
SEQUOYAH NUCLEAR PLANT UNIT 2					
PRESSURIZER HEATER PENETRATIONS					
DRAWN: RPG		SUBMITTED		APPROVED	
DATE: 3-30-88		DATE: *		DATE: *	
CHECKED: *		DATE: *		DATE: *	
				SCALE NTS	
				SHEET 1 OF 1 SHEET(S)	
				DRAWING NO.	REV.
				ISI-0309-A	01

\*-FOR ORIGINAL SIGNATURES AND PREVIOUS REV. INFO SEE "ORIGINAL".

REV.	0	0	
HARDWARE	IBM 5085	IBM 5085	
SOFTWARE	CADAM	CADAM	
FLOPPY OR TAPE	N/A	N/A	

PAGE 3 OF 3

SYSTEM : PZR RCS PRESSURIZER - 040  
 ISOMETRIC NUMBER : 101-0396-C SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPT.	CATEGORY/ 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
PZRLUD-1	VES IWA	B-H BS.20	R00004534 R00004538			MT PT	19920401 19920403	PASS PASS	YES YES			
PZRLUD-2	VES IWA	B-H BS.20	R00004594			MT	19920404	PASS	YES			
PZRLUD-3	VES IWA	B-H BS.20	R00004595			MT	19920405	PASS	YES			
PZRLUD-4	VES IWA	B-H BS.20	R00004596			MT	19920406	PASS	YES			
RCW-18	VES NOZ	B-D BS.110	R00004475 R00004475 R00004475	C00000330 C00000331 C00000332		BNP-79 UT-0 BNP-79 UT-45 BNP-79 UT-60	19920404 19920404 19920404	PASS PASS PASS	YES YES YES			
RCW-18-1R	VES NIR	B-D BS.120	R00004464	C00000350		SQ-77 UT-1R	19920414	PASS	YES			
RCW-19	VES NOZ	B-D BS.110	R00004476 R00004476 R00004476	C00000333 C00000334 C00000335		BNP-79 UT-0 BNP-79 UT-45 BNP-79 UT-60	19920404 19920404 19920404	PASS PASS PASS	YES YES YES			
RCW-19-1R	VES NIR	B-D BS.120	R00004465	C00000350		SQ-77 UT-1R	19920414	PASS	YES			
RCW-20B	VSWP SK	B-H BS.20	R000045124 R000045928			MT NT	19920403 19920405	PASS PASS	YES YES			
RCW-27-0E	VES NOZ	B-F -VSP END BS.20	R00004536			PT	19920526	PASS	YES			

SYSTEM : PZR RCS PRESSURIZER - 040  
 ISOMETRIC NUMBER : 101-0396-C SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPT.	CATEGORY/ 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
RCW-27-0E	VES NOZ	B-F -VSP END BS.20	R00004471 R00004471 R00004471	C00000322 C00000321 C00000328		SQ-29 UT-05 SQ-29 UT-45 SQ-29 UT-45L	19920403 19920403 19920403	PASS PASS PASS	YES YES YES			
RCW-28-0E	VES NOZ	B-F -VSP END BS.20	R00004472 R00004472 R00004472 R00004472	C00000324 C00000325 C00000325 C00000325		PT SQ-29 UT-45 SQ-29 UT-45 SQ-29 UT-45L	19920526 19920403 19920403 19920403	PASS PASS PASS PASS	YES YES YES YES			
WP-5	VES SHL	B-B BS.11	R00004478 R00004478 R00004478	C00000334 C00000334 C00000341		SQ-41 UT-0 SQ-41 UT-45 SQ-41 UT-60	19920404 19920404 19920404	PASS PASS PASS	YES YES YES		PLAVER	NON-RELEVANT
WP-9	VES LSH	B-B BS.12	R00004477 R00004477 R00004477	C00000334 C00000337 C00000338		SQ-41 UT-0 SQ-41 UT-45 SQ-41 UT-60	19920404 19920404 19920404	PASS PASS PASS	YES YES YES			

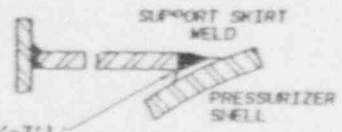
UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 REGIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP P.O. BOX 2000  
 1101 MARKET STREET DAISY, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401

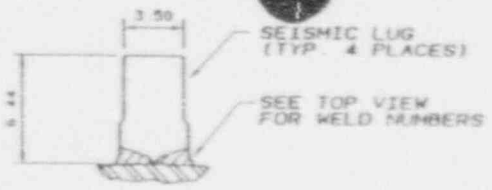


REFERENCE DRAWINGS  
 CONTRACT NO. 68C60-9 (SI 2M-2-6)  
 PRESSURIZER MANUAL (PZ-1, 5-7)  
 ASME (CC-1) EQUIVALENT

- NOTES:
1. THIS DWG SUPERCEDES BOTH ISI-0308-A AND ISI-0323-A.
  2. FOR UNIT 1 DWG SEE ISI-0394-C.
  3. 0° IS 6 OF MANWAY AND MEASURED CLOCKWISE IN THE TOP VIEW

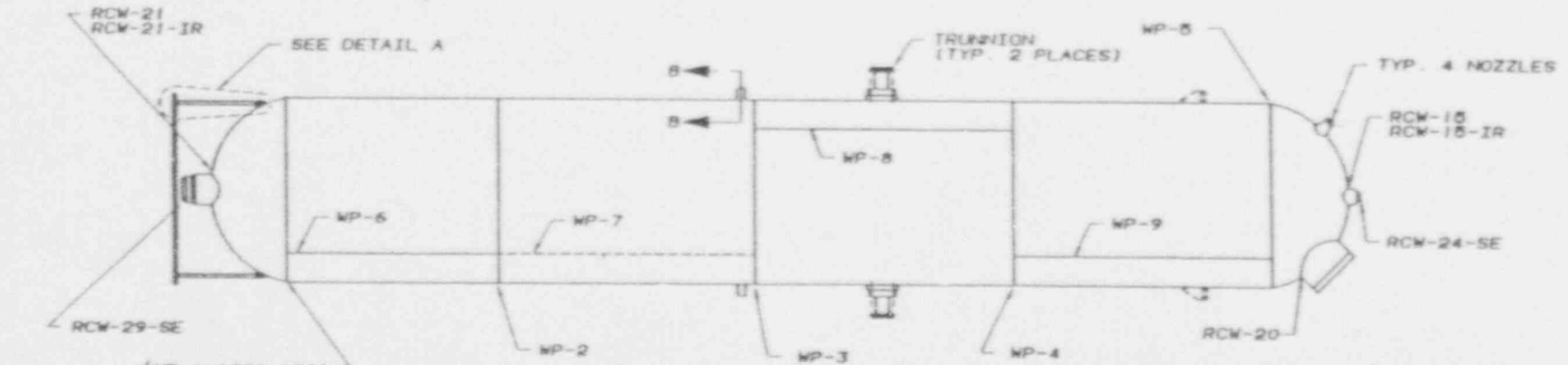


DETAIL A



SECTION B-B

SEE NOTE 3 {  
 RCW-23A (0'-7')  
 -23B (7'-15')  
 -23C (15'-23')

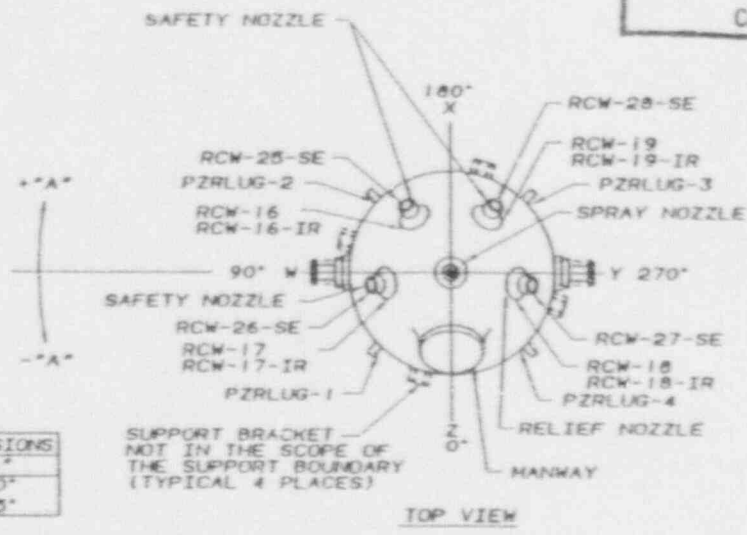


SEE NOTE 3 {  
 WP-1-A (0'-12')  
 WP-1-B (12'-24')

THIS VIEW IS NOT A TRUE ORIENTATION FOR TRUE ORIENTATION SEE TOP VIEW

OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP P.O. BOX 2000  
 1101 MARKET STREET DAISSY, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED



TOP VIEW

AS BUILT DIMENSIONS	
WELD NO.	"A"
WP-6	-60"
WP-9	-40"

CONTROL COPY

REV	BY	DATE	DESCRIPTION	BY	DATE

TENNESSEE VALLEY AUTHORITY  
 SEQUOYAH NUCLEAR PLANT  
 UNIT 2  
 PRESSURIZER

DESIGNER	DATE	SUBMITTED	APPROVED	SCALE	NO. OF SHEETS

\*\*\*\*\*  
 \* NUTECH TENNESSEE VALLEY AUTHORITY PERIOD \*  
 \* SEQUOYAH NUCLEAR POWER PLANT - UNIT 2 \*  
 \* ISI DATA BASE \*  
 \* POST OUTAGE EXAMINATION RESULTS REPORT \*  
 \* EXAM REQUIREMENT : 7ES-91 CYCLE : 05 \*  
 \* INTERVAL : 91 PERIOD : 3 \*  
 \*\*\*\*\*

SYSTEM : RCP REACTOR COOLANT PUMP - 008  
 ISOMETRIC NUMBER : ISI-0307-B SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPTION	CATEGORY/ 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
RCPMPBLT-01	RMPBLT	B-0-1 B4.100	R00004454	C00000205	5Q-26	UT-0	19920520	PASS	YES			
RCPMPBLT-02	RMPBLT	B-0-1 B4.100	R00004454	C00000205	5Q-26	UT-0	19920520	PASS	YES			
RCPMPBLT-03	RMPBLT	B-0-1 B4.100	R00004454	C00000205	5Q-26	UT-0	19920520	PASS	YES			
RCPMPBLT-04	RMPBLT	B-0-1 B4.100	R00004454	C00000205	5Q-26	UT-0	19920520	PASS	YES			
RCPMPBLT-05	RMPBLT	B-0-1 B4.100	R00004454	C00000205	5Q-26	UT-0	19920520	PASS	YES			
RCPMPBLT-06	RMPBLT	B-0-1 B4.100	R00004454	C00000205	5Q-26	UT-0	19920520	PASS	YES			
RCPMPBLT-07	RMPBLT	B-0-1 B4.100	R00004454	C00000205	5Q-26	UT-0	19920520	PASS	YES			
RCPMPBLT-08	RMPBLT	B-0-1 B4.100	R00004454	C00000205	5Q-26	UT-0	19920520	PASS	YES			
RCPMPBLT-09	RMPBLT	B-0-1 B4.100	R00004454	C00000205	5Q-26	UT-0	19920520	PASS	YES			
RCPMPBLT-10	RMPBLT	B-0-1 B4.100	R00004454	C00000205	5Q-26	UT-0	19920520	PASS	YES			
RCPMPBLT-11	RMPBLT	B-0-1 B4.100	R00004454	C00000205	5Q-26	UT-0	19920520	PASS	YES			

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

\*\*\*\*\*  
 \* NUTECH TENNESSEE VALLEY AUTHORITY PERIOD \*  
 \* SEQUOYAH NUCLEAR POWER PLANT - UNIT 2 \*  
 \* ISI DATA BASE \*  
 \* POST OUTAGE EXAMINATION RESULTS REPORT \*  
 \* EXAM REQUIREMENT : 7ES-91 CYCLE : 05 \*  
 \* INTERVAL : 91 PERIOD : 3 \*  
 \*\*\*\*\*

SYSTEM : RCP REACTOR COOLANT PUMP - 008  
 ISOMETRIC NUMBER : ISI-0307-B SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPTION	CATEGORY/ 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
RCPMPBLT-12	RMPBLT	B-0-1 B4.100	R00004454	C00000205	5Q-26	UT-0	19920520	PASS	YES			
RCPMPBLT-13	RMPBLT	B-0-1 B4.100	R00004454	C00000205	5Q-26	UT-0	19920520	PASS	YES			
RCPMPBLT-14	RMPBLT	B-0-1 B4.100	R00004454	C00000205	5Q-26	UT-0	19920520	PASS	YES			
RCPMPBLT-15	RMPBLT	B-0-1 B4.100	R00004454	C00000205	5Q-26	UT-0	19920520	PASS	YES			
RCPMPBLT-16	RMPBLT	B-0-1 B4.100	R00004454	C00000205	5Q-26	UT-0	19920520	PASS	YES			
RCPMPBLT-17	RMPBLT	B-0-1 B4.100	R00004454	C00000205	5Q-26	UT-0	19920520	PASS	YES			
RCPMPBLT-18	RMPBLT	B-0-1 B4.100	R00004454	C00000205	5Q-26	UT-0	19920520	PASS	YES			
RCPMPBLT-19	RMPBLT	B-0-1 B4.100	R00004454	C00000205	5Q-26	UT-0	19920520	PASS	YES			
RCPMPBLT-20	RMPBLT	B-0-1 B4.100	R00004454	C00000205	5Q-26	UT-0	19920520	PASS	YES			
RCPMPBLT-21	RMPBLT	B-0-1 B4.100	R00004454	C00000205	5Q-26	UT-0	19920520	PASS	YES			
RCPMPBLT-22	RMPBLT	B-0-1 B4.100	R00004454	C00000205	5Q-26	UT-0	19920520	PASS	YES			

OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP P.O. BOX 2000  
 1101 MARKET STREET DAISY, TENNESSEE 37379  
 CHATTANOUGA, TENNESSEE 37401

P. 3E 41 of 109

FEATURE NUMBER	COMPONENT DESCRIPTION	CATEGORY ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI RELIEF CREDIT	INDICATION TYPE	INDICATION RESOLUTION
RCP4MFBLT-23	PNFBLT	8-0-1 06.100	R0000454	C00000205	5Q-26	UT-0	19920320	PASS	YES		
RCP4MFBLT-24	PNFBLT	8-0-1 06.100	R0000454	C00000205	5Q-26	UT-0	19920320	PASS	YES		
RCP3SL1BLT-01	PNFBLT	8-0-2 07.60	R00004514			VT-1	19920322	PASS	YES		
RCP3SL1BLT-02	PNFBLT	8-0-2 07.60	77500 14			VT-1	19920322	PASS	YES		
RCP3SL1BLT-03	PNFBLT	8-0-2 07.60	R00004514			VT-1	19920322	PASS	YES		
RCP3SL1BLT-04	PNFBLT	8-0-2 07.60	R00004514			VT-1	19920322	PASS	YES		
RCP3SL1BLT-05	PNFBLT	8-0-2 07.60	R00004514			VT-1	19920322	PASS	YES		
RCP3SL1BLT-06	PNFBLT	8-0-2 07.60	R00004514			VT-1	19920322	PASS	YES		
RCP3SL1BLT-07	PNFBLT	8-0-2 07.60	R00004514			VT-1	19920322	PASS	YES		
RCP3SL1BLT-08	PNFBLT	8-0-2 07.60	R00004514			VT-1	19920322	PASS	YES		
RCP3SL1BLT-09	PNFBLT	8-0-2 07.60	R00004514			VT-1	19920322	PASS	YES		

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

FEATURE NUMBER	COMPONENT DESCRIPTION	CATEGORY ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI RELIEF CREDIT	INDICATION TYPE	INDICATION RESOLUTION
RCP3SL1BLT-10	PNFBLT	8-0-2 07.60	R00004514			VT-1	19920322	PASS	YES		
RCP3SL1BLT-11	PNFBLT	8-0-2 07.60	R00004514			VT-1	19920322	PASS	YES		
RCP3SL1BLT-12	PNFBLT	8-0-2 07.60	R00004514			VT-1	19920322	PASS	YES		
RCP4MFBLT-01	PNFBLT	8-0-1 06.100	R0000455	C00000206	5Q-26	UT-0	19920320	PASS	YES		
RCP4MFBLT-02	PNFBLT	8-0-1 06.100	R0000455	C00000206	5Q-26	UT-0	19920320	PASS	YES		
RCP4MFBLT-03	PNFBLT	8-0-1 06.100	R0000455	C00000206	5Q-26	UT-0	19920320	PASS	YES		
RCP4MFBLT-04	PNFBLT	8-0-1 06.100	R0000455	C00000206	5Q-26	UT-0	19920320	PASS	YES		
RCP4MFBLT-05	PNFBLT	8-0-1 06.100	R0000455	C00000206	5Q-26	UT-0	19920320	PASS	YES		
RCP4MFBLT-06	PNFBLT	8-0-1 06.100	R0000455	C00000206	5Q-26	UT-0	19920320	PASS	YES		
RCP4MFBLT-07	PNFBLT	8-0-1 06.100	R0000455	C00000206	5Q-26	UT-0	19920320	PASS	YES		
RCP4MFBLT-08	PNFBLT	8-0-1 06.100	R0000455	C00000206	5Q-26	UT-0	19920320	PASS	YES		
RCP4MFBLT-09	PNFBLT	8-0-1 06.100	R0000455	C00000206	5Q-26	UT-0	19920320	PASS	YES		

OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP P.O. BOX 2000  
 1101 MARKET STREET CHATTANOOGA, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401

SYSTEM : RCP REACTOR COOLANT PUMP - #68  
 ISOMETRIC NUMBER : 101-0307-B SHEET : 01

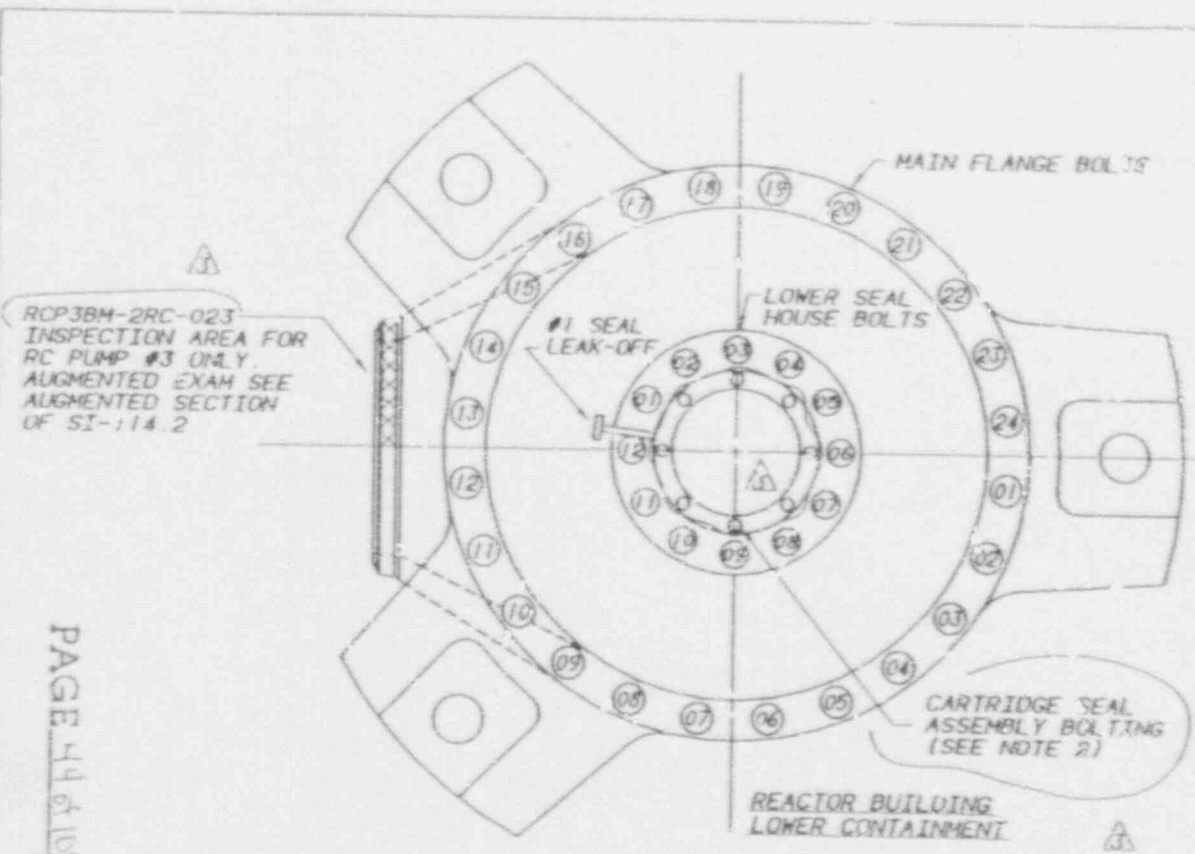
FEATURE NUMBER	COMPONENT DESCRIPTION	CATEGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	EXAM CREDIT	REQ. RELIEF	INDICATION TYPE	INDICATION RESOLUTION
RCP4MPBLT-09	RMPBLT	B-0-1 B6.107	R00004455	C00000206	SQ-26	UT-0	19920520	PASS	YES			
RCP4MPBLT-10	RMPBLT	B-0-1 B6.109	R00004455	C00000206	SQ-26	UT-0	19920520	PASS	YES			
RCP4MPBLT-11	RMPBLT	B-0-1 B6.100	R00004455	C00000206	SQ-26	UT-0	19920520	PASS	YES			
RCP4MPBLT-12	RMPBLT	B-0-1 B6.130	R00004455	C00000206	SQ-26	UT-0	19920520	PASS	YES			
RCP4MPBLT-13	RMPBLT	B-0-1 B6.100	R00004455	C00000206	SQ-26	UT-0	19920520	PASS	YES			
RCP4MPBLT-14	RMPBLT	B-0-1 B6.100	R00004455	C00000206	SQ-26	UT-0	19920520	PASS	YES			
RCP4MPBLT-15	RMPBLT	B-0-1 B6.100	R00004455	C00000206	SQ-26	UT-0	19920520	PASS	YES			
RCP4MPBLT-16	RMPBLT	B-0-1 B6.100	R00004455	C00000206	SQ-26	UT-0	19920520	PASS	YES			
RCP4MPBLT-17	RMPBLT	B-0-1 B6.100	R00004455	C00000206	SQ-26	UT-0	19920520	PASS	YES			
RCP4MPBLT-18	RMPBLT	B-0-1 B6.100	R00004455	C00000206	SQ-26	UT-0	19920520	PASS	YES			
RCP4MPBLT-19	RMPBLT	B-0-1 B6.100	R00004455	C00000206	SQ-26	UT-0	19920520	PASS	YES			

UNIT 2  
 CERTIFICATE OF AUTHORIZATION NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

SYSTEM : RCP REACTOR COOLANT PUMP - #68  
 ISOMETRIC NUMBER : 101-0307-B SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPTION	CATEGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	EXAM CREDIT	REQ. RELIEF	INDICATION TYPE	INDICATION RESOLUTION
RCP4MPBLT-20	RMPBLT	B-0-1 B6.100	R00004455	C00000206	SQ-26	UT-0	19920520	PASS	YES			
RCP4MPBLT-21	RMPBLT	B-0-1 B6.100	R00004455	C00000206	SQ-26	UT-0	19920520	PASS	YES			
RCP4MPBLT-22	RMPBLT	B-0-1 B6.100	R00004455	C00000206	SQ-26	UT-0	19920520	PASS	YES			
RCP4MPBLT-23	RMPBLT	B-0-1 B6.100	R00004455	C00000206	SQ-26	UT-0	19920520	PASS	YES			
RCP4MPBLT-24	RMPBLT	B-0-1 B6.100	R00004455	C00000206	SQ-26	UT-0	19920520	PASS	YES			
RCP4SLIBLT-01	RMPBLT	B-0-2 B7.60	R00004517		VT-1		19920522	PASS	YES			
RCP4SLIBLT-02	RMPBLT	B-0-2 B7.60	R00004517		VT-1		19920522	PASS	YES			
RCP4SLIBLT-03	RMPBLT	B-0-2 B7.60	R00004517		VT-1		19920522	PASS	YES			
RCP4SLIBLT-04	RMPBLT	B-0-2 B7.60	R00004517		VT-1		19920522	PASS	YES			
RCP4SLIBLT-05	RMPBLT	B-0-2 B7.60	R00004517		VT-1		19920522	PASS	YES			
RCP4SLIBLT-06	RMPBLT	B-0-2 B7.60	R00004517		VT-1		19920522	PASS	YES			

OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP P.O. BOX 2000  
 1101 MARKET STREET CAISY, TENNESSEE 37379  
 CHATTANOUGA, TENNESSEE 37401



**BOLTING IDENTIFIER**  
 RCPZMFBLT-XX  
 RCPZSL1BLT-YY (CAP SCREW BOLT)

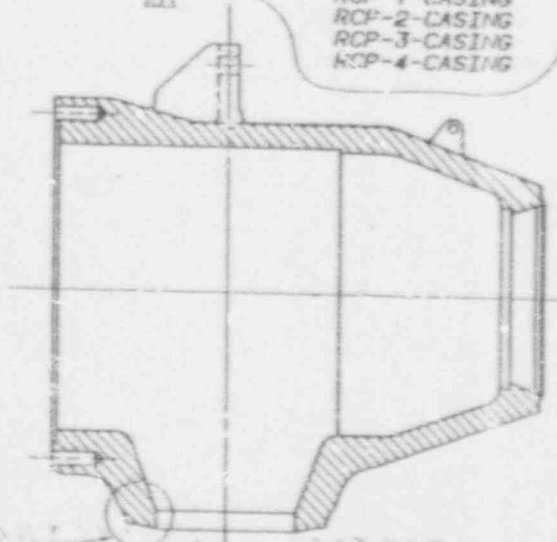
**LIGAMENT IDENTIFIER**  
 RCP-Z-XX-LG-XX

XX REPRESENTS LOCATION 01-24  
 YY REPRESENTS LOCATION 01-12  
 Z REPRESENTS PUMP NO. (1-4)

ASME CC-1 (EQU. VALENT)

**CASING THICKNESS IDENTIFIER**

RCP-1-CASING  
 RCP-2-CASING  
 RCP-3-CASING  
 RCP-4-CASING



PAGE 44 of 109

OWNER: TENNESSEE VALLEY AUTHORITY PLANT SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP P.O. BOX 2000  
 1101 MARKET STREET DAVIS, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401

RCP3BM-2RC-023  
 INSPECTION AREA FOR  
 RC PUMP #3 ONLY  
 AUGMENTED EXAM SEE  
 AUGMENTED SECTION  
 OF SI-114.2

**NOTES:**

- FOR UNIT 1 DWG SEE CHN-2675-B
- CARTRIDGE SEAL ASSEMBLY BOLTING IS 1.5 IN. CLASS 2 AND DOES NOT REQUIRE EXAMINATION.

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

REV	BY	DATE	DESCRIPTION	CHK	DESIG	APP
3	WPD	12/1/91	ADD LIGAMENT ID, BOLTING, NOTE 2, CASING THICKNESS IDENTIFIER, AUGMENTED EXAM ID, & REMOVE CAD BLOCK	PHB	BERG	WPD
2	WPD	5-30-89	ADD/ID NOTES & RC PUMP CASING DETAIL	MHA	REC	GLB
1	WPD	10-24-88	CHANGED IDENTIFIERS	MHA	REC	GLB

TENNESSEE VALLEY AUTHORITY					
SEQUOYAH NUCLEAR PLANT					
UNIT 2					
REACTOR COOLANT PUMP					
MAIN FLANGE AND LOWER SEAL HOUSE BOLT PATTERN					
DRAWN	WPD	SUBMITTED	APPROVED	SCALE	INTS
DATE	3-28-88	DATE	4-7-88	DATE	4-8-88
CHECKED	MHA		GLB		
DATE	4-6-88				
				DRAWING NO.	REV
				ISI-0307-B	03

SYSTEM : RCP REACTOR COOLANT PUMP - 046  
 ISOMETRIC NUMBER : ISI-0307-B SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPTION	CATEGORY/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
RCP4SLIBLT-07	RNPBLTO	B-D-2 B7.60	R00004517			VT-1	19920527	PASS	YES			
RCP4SLIBLT-08	RNPBLTO	B-D-2 B7.60	R00004517			VT-1	19920523	PASS	YES			
RCP4SLIBLT-09	RNPBLTO	B-D-2 B7.60	R00004517			VT-1	19920522	PASS	YES			
RCP4SLIBLT-10	RNPBLTO	B-D-2 B7.60	R00004517			VT-1	19920522	PASS	YES			
RCP4SLIBLT-11	RNPBLTO	B-D-2 B7.60	R00004517			VT-1	19920522	PASS	YES			
RCP4SLIBLT-12	RNPBLTO	B-D-2 B7.60	R00004517			VT-1	19920522	PASS	YES			

Isometric drawing on page 44

/ Part 2  
 CERTIFICATE OF AUTHORIZATION NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JULY 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

SYSTEM : RCP REACTOR COOLANT PUMP - 046  
 ISOMETRIC NUMBER : ISI-0326-B SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPTION	CATEGORY/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-2-1	PMP SUP	B-K-2 B11.20	R00004558			VT-3	19920527	PASS	YES			
RCPH-2-2	PMP SUP	B-K-2 B11.20	R00004559			VT-3	19920527	PASS	YES			
RCPH-2-3	PMP SUP	B-K-2 B11.20	R00004557			VT-3	19920527	FAIL	YES		LOOSE, MISS. REPLACED LOOSE BOLT IN BLTNG TIGHTN	
RCPH-4-1	M: SUP	B-K-2 B11.20	R00004560			VT-3	19920524	PASS	YES			
RCPH-4-1-1A	PUMPIVA	B-K-1 B10.20	R00004560			PT	19920524	PASS	YES			
RCPH-4-2	PMP SUP	B-K-2 B11.20	R00004561			VT-3	19920524	PASS	YES			
RCPH-4-2-1A	PUMPIVA	B-K-1 B10.20	R00004561			PT	19920524	PASS	YES			
RCPH-4-3	PMP SUP	B-K-2 B11.20	R00004562			VT-3	19920524	PASS	YES			
RCPH-4-3-1A	PUMPIVA	B-K-1 B10.20	R00004562			PT	19920524	PASS	YES			

OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP P.O. BOX 2000  
 1101 MARKET STREET DAISY, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401

REFERENCE DRAWINGS  
48N421, 48N422, 48N423, 48N426, 48N433

NOTE:  
1. REACTOR COOLANT PUMP #2 DOES NOT HAVE ANY WELDED PUMP FEET.  
2. THIS DWG. SUPERCEDES ISI-009R-A.

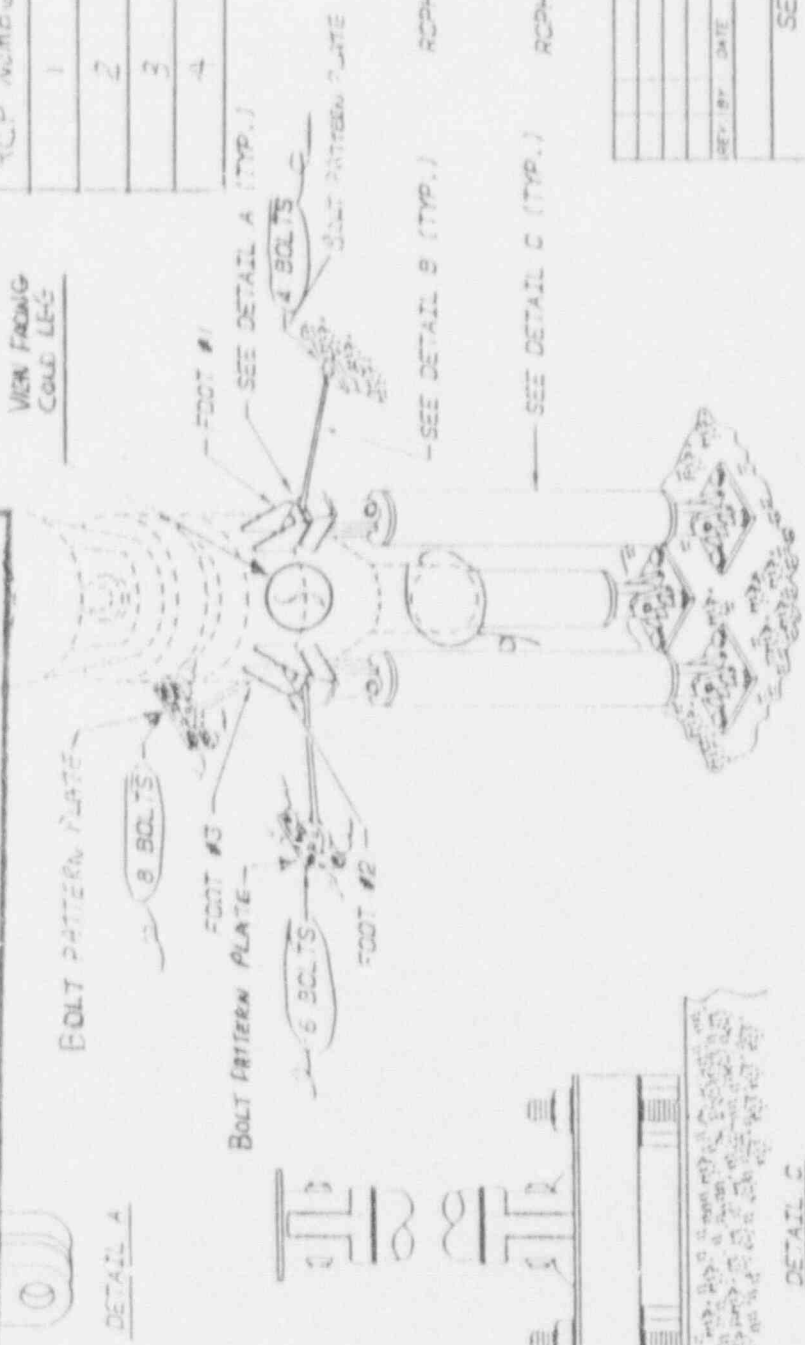
ASME CC-1 (EQUIVALENT)  
NUMBER OF BOLTS PER PUMP FOOT AT THE BOLT PATTERN PLATE

RCP NUMBER	FOOT #1	FOOT #2	FOOT #3
1	4	6	8
2	6	4	8
3	6	4	8
4	NSG	16	NSG

STATE OF AUTHORIZATION: NOT REQUIRED  
CLAIMED: SERVICE DATE: JUNE 1, 1982  
NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

UNIVERSITY OF TENNESSEE VALLEY AUTHORITY  
PLANT: SEQUOYAH NUCLEAR PLANT  
NUCLEAR POWER GROUP  
P.O. BOX 2000  
DAISY, TENNESSEE 37329

1107 MARKET STREET  
MATTANOOGA, TENNESSEE 37401



RCPH-2-Y-2A  
-FOOT #1-3  
-PUMP #1,2 & 4

RCPH-1-Y  
-FOOT #1-3  
-PUMP #1-4

REV.	BY	DATE	DESCRIPTION	OF	SUB.	COM.

DESIGNED BY: [Signature]  
DATE: [Date]  
CHECKED BY: [Signature]  
DATE: [Date]  
APPROVED BY: [Signature]  
DATE: [Date]

REACTOR COOLANT PUMP SUPPORT  
UNIT 2

DETAIL C

REV.	BY	DATE	DESCRIPTION

DESIGNED BY: [Signature]  
DATE: [Date]  
CHECKED BY: [Signature]  
DATE: [Date]  
APPROVED BY: [Signature]  
DATE: [Date]

\*\*\*\*\*  
 \* NUTECH TENNESSEE VALLEY AUTHORITY PRISM \*  
 \* SEQUOYAH NUCLEAR POWER PLANT - UNIT 2 \*  
 \* 151 DATA PAGE \*  
 \* POST OUTAGE EXAMINATION RESULTS REPORT \*  
 \* EXAM REQUIREMENT : PAS-01 CYCLE : 05 \*  
 \* INTERVAL : 1 PERIOD : 3 \*  
 \* PAGE : 14 \*  
 \* REVISION : 0501 \*  
 \* DATE : 06/11/92 \*  
 \*\*\*\*\*

SYSTEM : RCS REACTOR COOLANT SYSTEM - B&B  
 ISOMETRIC NUMBER : ISI-0008-B SIFCI : 05

FEATURE NUMBER	COMPONENT DESCRPT.	CATEGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC KI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
RC-155A-1	PIPE	B-J 09.40	00000505			PT	19920522	PASS	YES			
RC-172A-A	PIPE	B-J 09.40	00000524			PT	19920522	PASS	YES			
RC-172B-1	PIPE	B-J 09.40	00000532			PT	19920525	PASS	YES			
RCW-06	PIPE -RR CORR	B-J 09.22	00000527			PT	19920521	PASS	YES			

\*\*\*\*\*  
 \* NUTECH TENNESSEE VALLEY AUTHORITY PRISM \*  
 \* SEQUOYAH NUCLEAR POWER PLANT - UNIT 2 \*  
 \* 151 DATA PAGE \*  
 \* POST OUTAGE EXAMINATION RESULTS REPORT \*  
 \* EXAM REQUIREMENT : PAS-01 CYCLE : 05 \*  
 \* INTERVAL : 01 PERIOD : 3 \*  
 \* PAGE : 17 \*  
 \* REVISION : 0801 \*  
 \* DATE : 06/11/92 \*  
 \*\*\*\*\*

SYSTEM : RCS REACTOR COOLANT SYSTEM - B&B  
 ISOMETRIC NUMBER : ISI-0015-C SIFCI : 01

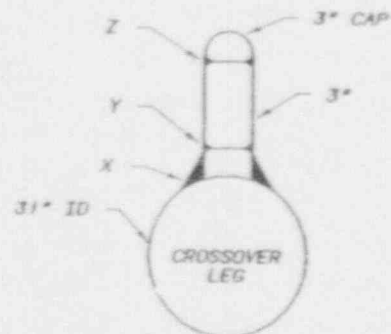
FEATURE NUMBER	COMPONENT DESCRPT.	CATEGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC KI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
RCS-050	REDUCER -ELBOW	B-J 09.11	000004515	00000261	SQ-15	PT UT-05	19920519 19920519	PASS PASS	YES YES			
RCS-245	PIPE -PIPE	B-J 09.11	000004540	00000279	SQ-15	PT UT-05	19920520 19920520	PASS PASS	YES YES			
RCW-13	PIPE -RR CORR	B-J 09.51	000004531	00000260	SQ-09	PT UT-05	19920525 19920524	PASS PASS	YES YES			
			00000457	00000290	SQ-09	UT-00	19920526	PASS	YES	*	GEOMETRIC	NON-RELEVANT

\* See Appendix VII

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP P.O. BOX 2000  
 1101 MARKET STREET DAISY, TENNESSEE 37379  
 CHATTANOUGA, TENNESSEE 37401





SECTION BJ-BJ

MATERIAL

PIPING 3" SCH. 160 ASTM A-376 TP-304  
CAP 3" SCH. 160 SA-403, WP316

WELD X    WELD Y    WELD Z

LOOP 1 RCW-01 RCF-62 RCF-62A  
LOOP 2 RCW-03 RCF-69 RCF-69A  
LOOP 3 RCW-05 RCF-76 RCF-76A  
LOOP 4 RCW-07 RCF-83 RCF-83A

REFERENCE DRAWINGS  
2001E75  
5365C17

MATERIAL

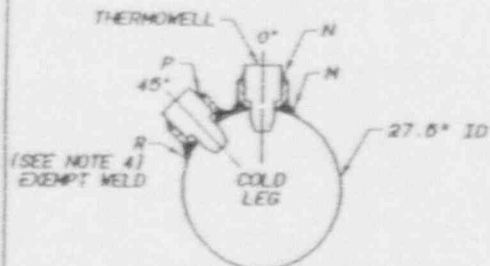
PIPING 2" SCH. 160 SA-182 TYPE 316

NOTE: WELD M=2"

WELD M    WELD N    WELD P

LOOP 1 RCW-02 RC-1729-1 RC-1729-A  
LOOP 2 RCW-04 RC-1379-1 RC-1379-C  
LOOP 3 RCW-06 RC-1477-1 RC-1477-A  
LOOP 4 RCW-08 RC-1234-1 RC-1234-A

REFERENCE DRAWINGS  
1853E66  
1863E26  
5365C47



SECTION A3-A3

(VIEW LOOKING TOWARD THE R<sub>v</sub> VESSEL)

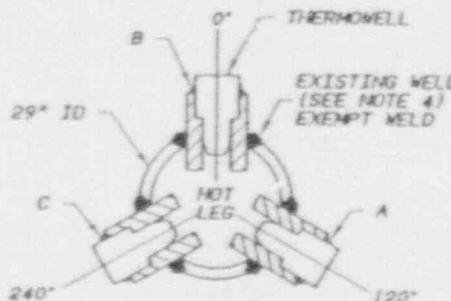
MATERIAL

1" 6000# SOCKET WELD RTD SCOOP FITTING SA-182 TYPE 316

WELD A    WELD B    WELD C

LOOP 1 RC-1334-1 RC-1367-1 RC-1378-1  
LOOP 2 RC-1431-1 RC-1465-1 RC-1476-1  
LOOP 3 RC-1571-1 RC-1549-1 RC-1560-1  
LOOP 4 RC-1606-1 RC-1595-1 RC-1617-1

REFERENCE DRAWINGS  
2033464



SECTION C3-C3

(VIEW LOOKING TOWARD THE R<sub>v</sub> VESSEL)

OWNER: TENNESSEE VALLEY AUTHORITY    PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP    P. O. BOX 2000  
 1101 MARKET STREET    CHATTANOOGA, TENNESSEE 37401  
 DANF, TENNESSEE 37379

REFERENCE DRAWINGS

- 2-RC-005 (LOOP 1)
- 2-RC-004 (LOOP 2)
- 2-RC-007 (LOOP 3)
- 2-RC-008 (LOOP 4)

ASME CC-1 (EQUIVALENT)

NOTES:

1. SEE SHEET 2 FOR TYPICAL LOCATION.
2. WELDS A, B, C, N AND P ARE CONSIDERED SOCKET WELDS (> 1 NPS).
3. WELDS M AND X ARE CONSIDERED BRANCH CONNECTION WELDS SEE CHN-2334-C SHTS 1-7, RCS.
4. BRANCH CONNECTION WELD, IS EXEMPT. (BRANCH CONNECTION HOLE SIZE IS < 1" NPS, REF: IWA-7400).
5. WELDS A, B, C, N, P, & Z WERE MADE BY WESTINGHOUSE PER MPW2033-02 DURING CYCLE 4 OUTAGE.
6. ALL WELDS ON THIS SHEET ARE TO BE CLASSIFIED RCS SYSTEM FOR PRISM IDENTIFIERS.

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

Tennessee Valley Authority			
Sequoyah Nuclear Plant			
Unit 2			
Reactor Coolant Piping			
Weld Locations (See Note 6)			
REV BY	DATE	DESCRIPTION	CHK'D SUB APP
HARDWARE: IBM 5085		SOFTWARE: CADAM	USER: ESECHP
DRAWN: BPG	SUBMITTED	APPROVED	SCALE NTS
DATE: 11-17-81	DATE: 12-1-81	DATE: 12/1/81	SHEET 3 OF 3 SHEETS
CHECKED: FRL	JCG	BFB	DRAWING NO. 2SI-0008-B
DATE: 2/9			REV 00

3	REV	11-14-81	ADD NOTE 1, ADD CODE CASE EXEMPTION TO BC VALVES & MAKE CAD	WJC	ELC	AP
2	REV	11-4-81	CORRECT WELD NO. RCF-0134 AND WELDER CHANGES	WJC	REC	SLB
1	REV	1-21-86	ADD BOLE CONNECTION NO 5 AND CORRECT #5 FOR PRISM	WJC	WJC	SLB



OWNER: TENNESSEE VALLEY AUTHORITY    PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP    P.O. BOX 2000  
 1101 MARKET STREET    CHATTANOOGA, TENNESSEE 37401  
 DAISY, TENNESSEE 37379

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

REFERENCE DRAWING  
 47W465 SERIES  
 NAVCO A-7547

MATERIAL SPECIFICATIONS

PIPE  
 SEAMLESS STAINLESS STEEL  
 ASTM A-376 TP-316  
 6" SCH 160  
 4" SCH 120  
 ASTM A-376 TP-304  
 3" SCH 160  
 2" SCH 160

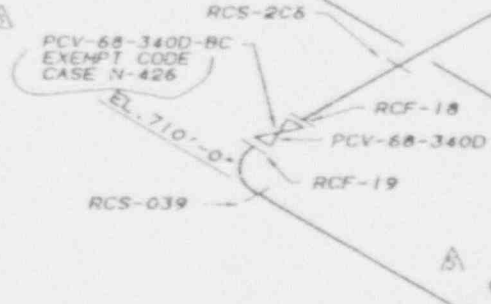
FITTINGS  
 SEAMLESS STAINLESS STEEL-BUTT WELDED  
 ASTM A-403 WP-316  
 6" SCH 160  
 4" SCH 120  
 3" SCH 160

FORG. STAINLESS STEEL-SOCKET WELDED  
 ASTM A-182 F-304  
 2" BOLE TO MATCH SCH 160 PIPE

FLANGES  
 FORGED STAINLESS STEEL  
 ASTM A-182 F-316  
 6" SCH 160  
 3" SCH 160  
 2" SCH 160

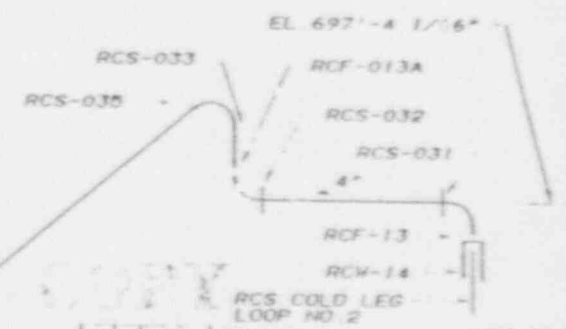
ASME CC-1 (EQUIVALENT)

NOTE:  
 1. WELD CVCW-4 IS TO BE INCLUDED IN THE CVCS SYSTEM FOR PRISM.



(2" SW BOSS) CVCW-4 (SEE NOTE 1)

PAGE 49 of 104



2	REV	11-14-81	CORRECT WELD NO.	WJC	ELC	AP
1	REV	1-24-81	DELETE WELD NO. RCF-0134 AND WELD NO. RCF-0134 BY CORRECTION AND WELD NO. RCF-0134	WJC	REC	SLB
REV	BY	DATE	DESCRIPTION	CHK	APP	
CHECKED	DATE	DATE	DATE			
TENNESSEE VALLEY AUTHORITY						
SEQUOYAH NUCLEAR PLANT						
UNIT 2						
HEAT EXCHANGER AND SYSTEM WELD EXAMINATION						
DESIGN	CHK	DATE	APPROVED	DATE	WELD	UP
DATE	DATE	DATE	DATE	DATE	DATE	DATE
DATE	DATE	DATE	DATE	DATE	DATE	DATE
						ISI-0013-C08

SYSTEM : RCS REACTOR COOLANT SYSTEM - 848  
 ISOMETRIC NUMBER : ISI-8818-C SHEET : 88

FEATURE NUMBER	COMPONENT DESCRIPT.	CATEGORY ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SFC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
RCS-27-8C	FLOBLT	B-0-2 87.50	R00004519			VT-1	19920322	PASS	YES			
RCS-85A	TEE -REDUCER	B-J 89.11	R00004567 R00004458	C00000291	SQ-01	PT	19920327	PASS	YES			
RCS-85Z	TEE -PIPE	B-J 89.21	R00004577			PT	19920325	PASS	YES			
RCS-059	TEE -CAP	B-J 89.21	R0000456A			PT	19920327	PASS	YES			
RCS-059A	F.O.	B-J 89.21	R00004519			PT	19920327	PASS	YES			
RCS-576-8C	FLOBLT	B-0-2 87.50	W92-86870			VT-1	19920625	PASS	YES			
RCS-093	ELBOW -ELBOW	B-J 89.13	R00004578 R00004478	C00000326	SQ-01	PT	19920327	PASS	YES		GEOMETRIC	NON-RELEVANT
RCS-107	ELF "	B-J 89.11	R00004551 R00004459	C00000292	SQ-01	PT	19920327	PASS	YES			
RCS-107-8C	FLOBLT	B-0-2 87.50	W92-86890			VT-1	19920625	PASS	YES			
88-543-8C	VALBLT	B-0-2 87.70	W92-81457			VT-1	19920405	PASS	YES			
88-544-8C	VALBLT	B-0-2 87.70	W92-81456			VT-1	19920402	PASS	YES			

SYSTEM : RCS REACTOR COOLANT SYSTEM - 848  
 ISOMETRIC NUMBER : ISI-8818-C SHEET : 88

FEATURE NUMBER	COMPONENT DESCRIPT.	CATEGORY ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SFC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
88-543-8C	VALBLT	B-0-2 87.70	W92-81208			VT-1	19920401	PASS	YES			

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 3, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER: TENNESSEE VALLEY AUTHORITY NUCLEAR POWER GROUP  
 1101 MARKET STREET  
 CHATTANOOGA, TENNESSEE 37401  
 PLA: SEQUOYAH NUCLEAR PLANT  
 P.O. BOX 2000  
 DAISY, TENNESSEE 37379

REFERENCE DRAWINGS  
 47N465 SERIES  
 NAVCO A-7548  
 NAVCO A-7549  
 MATERIAL SPECS.  
 SEE SHEET 1  
 ASME CC-1 (EQUIVALENT)

NOTE:  
 1. FOR NOZZLE LOCATIONS SEE  
 ISI-O196-C

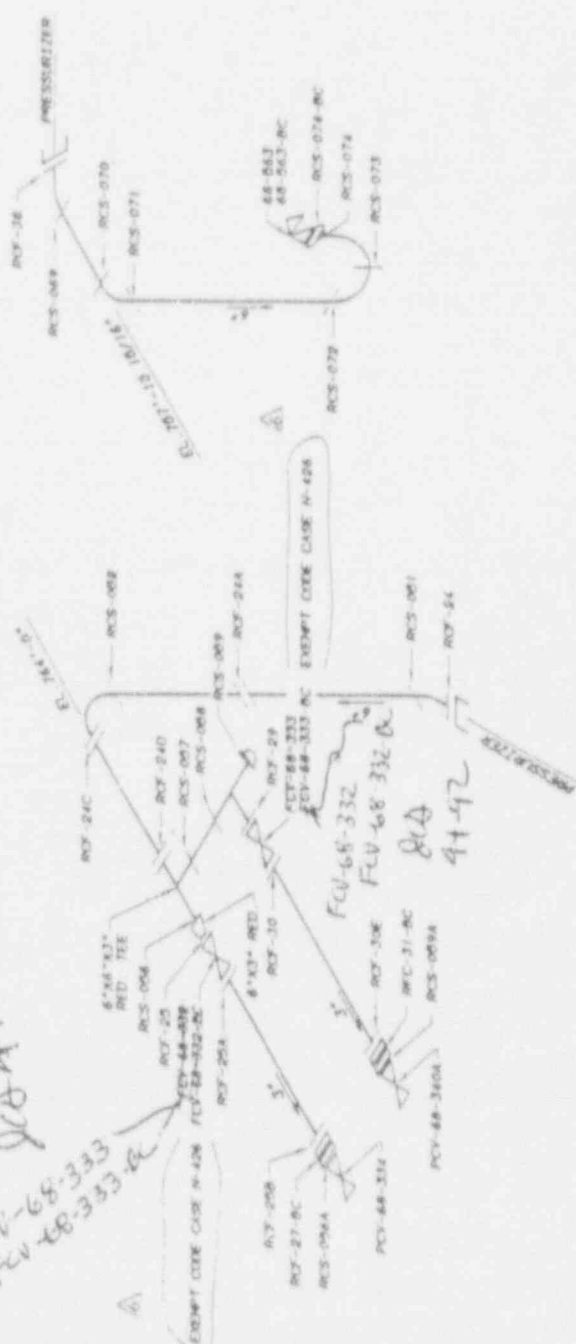
UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP P.O. BOX 2000  
 1101 MARKET STREET DAISSY, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401

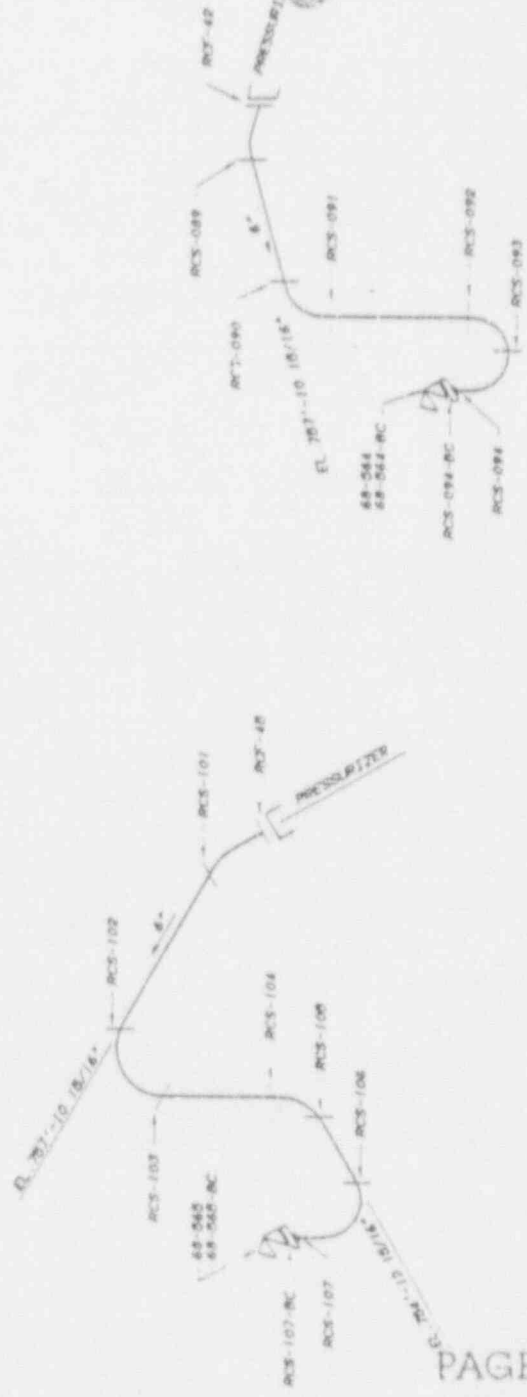
CONTROL COPY

REV	DATE	DESCRIPTION	BY	CHK
1	10/11/81	ISSUED FOR CONSTRUCTION	...	...
2	11/18/81	REVISED FOR CONSTRUCTION	...	...
3	12/10/81	REVISED FOR CONSTRUCTION	...	...
4	01/15/82	REVISED FOR CONSTRUCTION	...	...
5	02/10/82	REVISED FOR CONSTRUCTION	...	...
6	03/10/82	REVISED FOR CONSTRUCTION	...	...
7	04/10/82	REVISED FOR CONSTRUCTION	...	...
8	05/10/82	REVISED FOR CONSTRUCTION	...	...
9	06/10/82	REVISED FOR CONSTRUCTION	...	...
10	07/10/82	REVISED FOR CONSTRUCTION	...	...
11	08/10/82	REVISED FOR CONSTRUCTION	...	...
12	09/10/82	REVISED FOR CONSTRUCTION	...	...
13	10/10/82	REVISED FOR CONSTRUCTION	...	...
14	11/10/82	REVISED FOR CONSTRUCTION	...	...
15	12/10/82	REVISED FOR CONSTRUCTION	...	...

TENNESSEE VALLEY AUTHORITY  
 SEQUOYAH NUCLEAR PLANT  
 UNIT 2  
 50 NORTH EIGHTH AVE. SUITE 110  
 CHATTANOOGA, TENNESSEE 37401  
 SCALE: AS SHOWN  
 DATE: 11/18/81  
 DRAWN BY: ...  
 CHECKED BY: ...  
 UNIT: ...  
 SHEET NO. ...  
 TOTAL SHEETS ...  
 PROJECT NO. ...  
 TSI-0013-CV



REACTOR BUILDING  
 LOWER CONTAINMENT



\*\*\*\*\*  
 \* NUTECH TENNESSEE VALLEY AUTHORITY PRISM \*  
 \* SEQUOYAH NUCLEAR POWER PLANT - UNIT 2 \*  
 \* 151 DATA BASE \*  
 \* POST OUTAGE EXAMINATION RESULTS REPORT \*\*\*\*\*  
 \* EXAM REQUIREMENT : 785-B1 CYCLE : 05 \*  
 \* INTERVAL : 01 PERIOD : 3 \*  
 \* DATE 04/11/92 \*  
 \*\*\*\*\*  
 \* SYSTEM : RHR RESIDUAL HEAT REMOVAL SYSTEM - 074 \*  
 \* ISOMETRIC NUMBER : 151-0903-C SHEET : 05 \*  
 \*\*\*\*\*

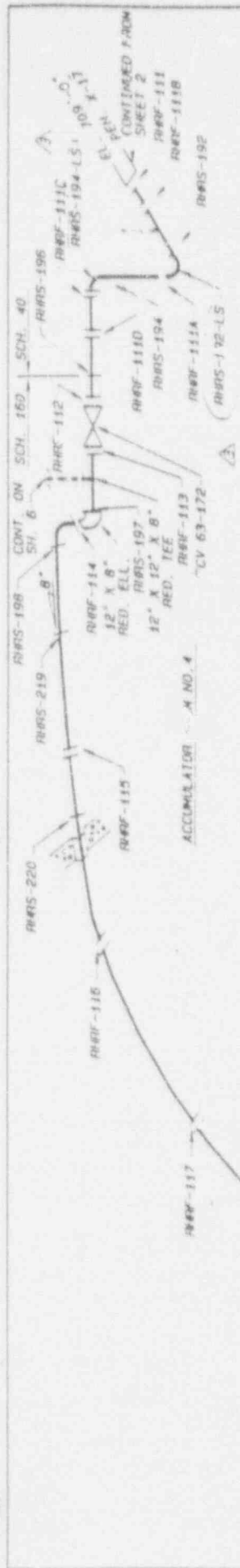
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65-648-BC	VALVLTG	B-D-2 B7.70	R00004612			VT	19920417	PASS	YES			
63-641-BC	VALVLTG	B-D-2 B7.70	R00004500			VT 1	19920522	PASS	YES			

\*\*\*\*\*  
 \* NUTECH TENNESSEE VALLEY AUTHORITY PRISM \*  
 \* SEQUOYAH NUCLEAR POWER PLANT - UNIT 2 \*  
 \* 151 DATA BASE \*  
 \* POST OUTAGE EXAMINATION RESULTS REPORT \*\*\*\*\*  
 \* EXAM REQUIREMENT : 785-B1 CYCLE : 05 \*  
 \* INTERVAL : 01 PERIOD : 3 \*  
 \* DATE 04/11/92 \*  
 \*\*\*\*\*  
 \* SYSTEM : RHR RESIDUAL HEAT REMOVAL SYSTEM - 074 \*  
 \* ISOMETRIC NUMBER : 151-0903-C SHEET : 06 \*  
 \*\*\*\*\*

FEATURE NUMBER	COMPONENT DESCRPT.	CATEGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQD.	INDICATION TYPE	INDICATION RESOLUTION
RHR-185	PIPE	B-J	R00004526			PT	19920521	PASS	YES			
	-PIPE	B9.11	R00004441	C00000270	SQ-07	UT-05	19920521	PASS	YES			
RHR-186	ELBOW	B-J	R00004534			PT	19920525	PASS	YES			
	-PIPE	B9.11	R00004459	C00000201	SQ-07	UT-05	19920525	PASS	YES			
RHR-187	PIPE	B-J	R00004570			PT	19920528	PASS	YES			
	-REDUCER	B9.11	R00004442	C00000205	SQ-07	UT-05	19920727	PASS	YES			
RHR-188	ELBOW	B-J	R00004511			PT	19920520	PASS	YES			
	-PIPE	B9.11	R00004433	C00000242	SQ-01	UT-05	19920520	PASS	YES			
65-644-BC	VALVLTG	B-D-2 B7.70	W92-03530			VT-1	19920407	PASS	YES			

UNIT 2  
 CERTIFICATE OF AUTHORIZATION NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP P.O. BOX 2000  
 1101 MARKET STREET CHATTANOOGA, TENNESSEE 37401  
 CHATTANOOGA, TENNESSEE 37401



REFERENCE DRAWINGS  
 47W432 SERIES  
 NAVCO A-745B

SPECIFICATIONS

ASME CC-1 (EQUIVALENT)

PIPE  
 STL, STL SEAM, A-376 TP-316  
 8" SCH. 140  
 6" SCH. 160

FITTINGS  
 STL, STL SEAM, A-403 MP-316  
 8" SCH. 140  
 6" SCH. 160

ASME CC-2 (EQUIVALENT)

PIPE  
 STL, STL SEAM, A-376 TP-316  
 12" SCH. 160  
 8" SCH. 140  
 STL, STL WELDED A-308 CL-1 TP-316  
 12" SCH. 40

FITTINGS  
 STL, STL SEAM, A-403 MP-316  
 12" SCH. 160  
 8" SCH. 140  
 STL, STL WELDED A-403 MP-316  
 12" SCH. 40

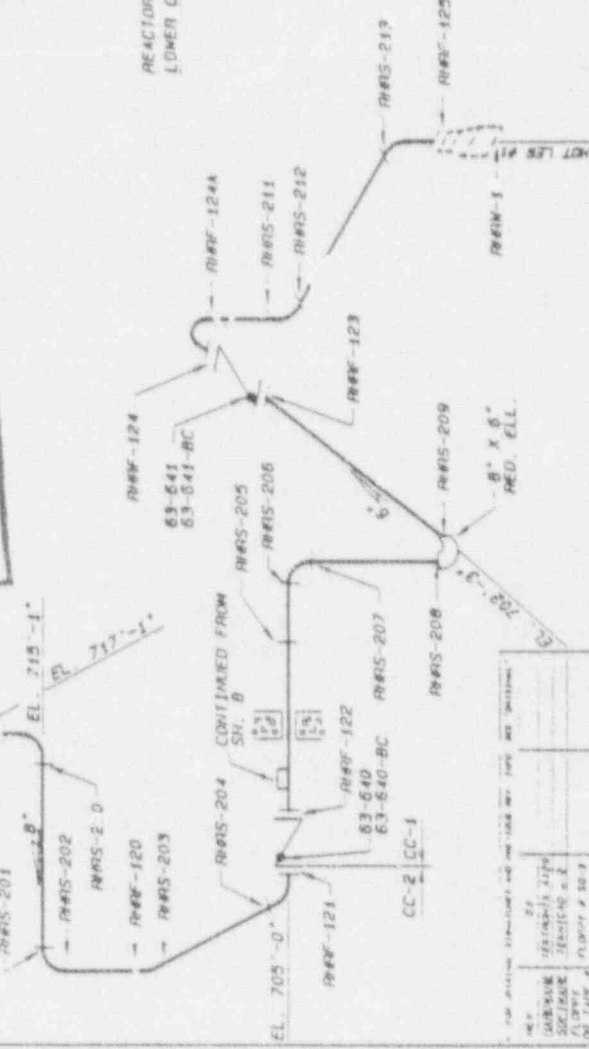
UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER: TENNESSEE VALLEY AUTHORITY PLANT SEQUOYAH NUCLEAR PLANT  
 P.O. BOX 2000  
 DAISY, TENNESSEE 37379

1101 MARKET STREET  
 CHATTANOOGA, TENNESSEE 37401

CONTINUED FROM  
 SHEET 2  
 RHRF-111B  
 RHRF-111A  
 RHRF-112-LS

REACTOR BUILDING  
 LDNER CONTAINMENT



3	RHRF-111C	WELDED STEEL WELDED TO PLATES & NO. 10	10
4	RHRF-111D	WELDED STEEL WELDED TO PLATES & NO. 10	10
5	RHRF-111A	WELDED STEEL WELDED TO PLATES & NO. 10	10
6	RHRF-112-LS	WELDED STEEL WELDED TO PLATES & NO. 10	10

TECHNOLOGY SYSTEMS CORPORATION  
 P.O. BOX 530  
 CHATTANOOGA, TENNESSEE 37401  
 DRAWING NO. 47W432-53

SEQUOYAH NUCLEAR PLANT  
 UNIT # 2

10' 11" HIGH, 10' 31" DIA. (AT 11' 11")

WELDED

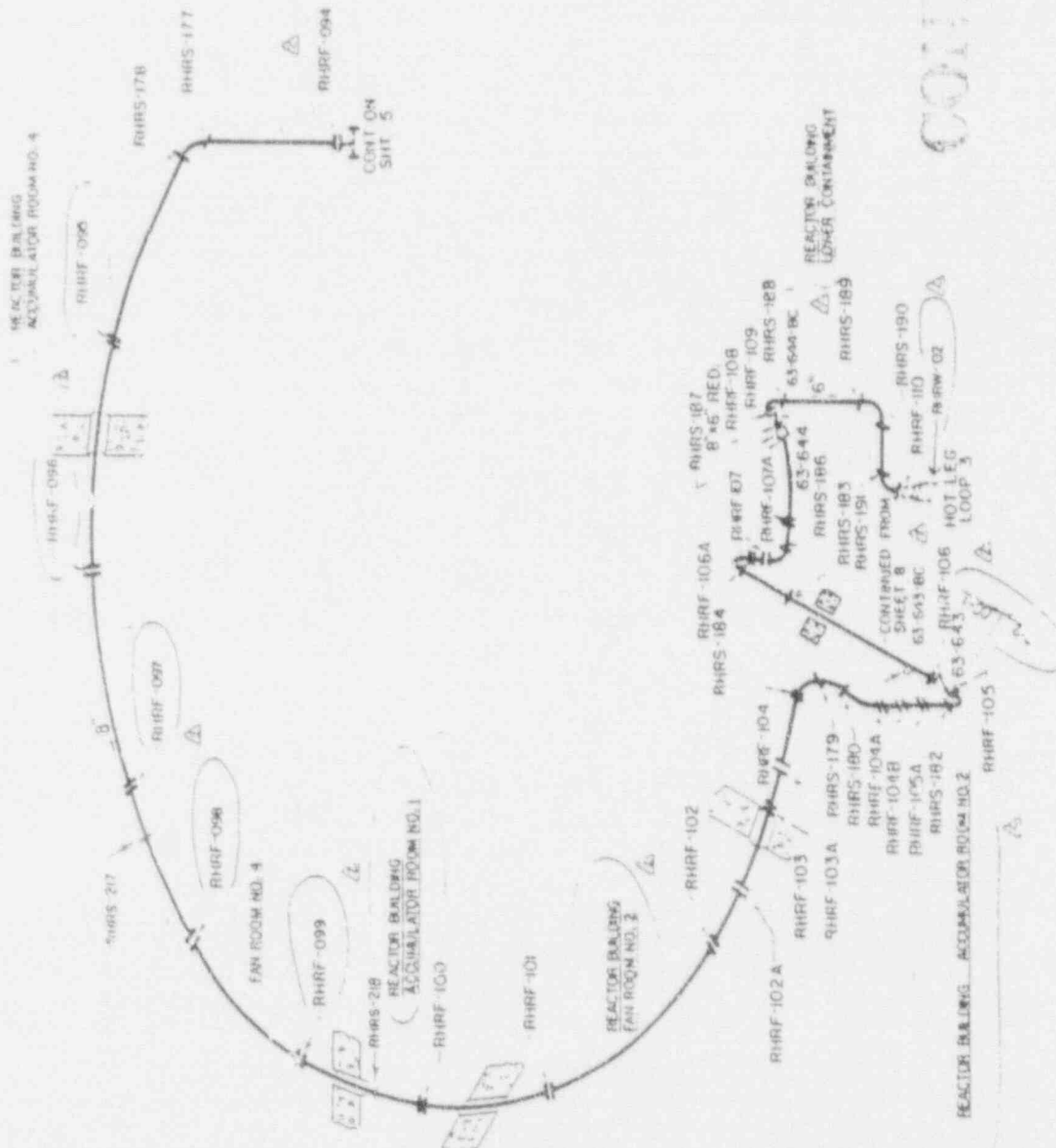
SCALE	AS SHOWN	DATE	APPROVED
DRAWN BY	JRW	CHECKED BY	JRW
DATE	11-1-82	PROJECT NO.	47W432-53
UNIT	UNIT 2	REVISIONS	157-0002-C

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER: TENNESSEE VALLEY AUTHORITY    PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP                    P.O. BOX 2000  
 1101 MARKET STREET                    DAISY, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401

ASME SECTION ACCREDITATION  
 PIPE  
 8" SCH 140 A-376 WP 316 S  
 6" SCH 160 A-376 1-316 S  
 FITTINGS  
 8" SCH 140 A-403 WP 316 S  
 6" SCH 160 A-403 WP 316 S

CONTINUED FROM



REF DRAWINGS:  
 47W452  
 MAVCO A-7457

NO	DATE	DESCRIPTION
1	10/1/81	ISSUED FOR CONSTRUCTION
2	11/1/81	REVISIONS
3	12/1/81	REVISIONS
4	1/1/82	REVISIONS
5	2/1/82	REVISIONS
6	3/1/82	REVISIONS
7	4/1/82	REVISIONS
8	5/1/82	REVISIONS
9	6/1/82	REVISIONS
10	7/1/82	REVISIONS
11	8/1/82	REVISIONS
12	9/1/82	REVISIONS
13	10/1/82	REVISIONS
14	11/1/82	REVISIONS
15	12/1/82	REVISIONS

SEQUOYAH NUCLEAR PLANT  
 UNIT # 2  
 REACTOR BUILDING HEAT REMOVAL  
 1-52  
 151 0003-C  
 1/82

\*\*\*\*\*  
 \* NUTECH TENNESSEE VALLEY AUTHORITY PRISM \*  
 \* SEQUOYAH NUCLEAR POWER PLANT - UNIT 2 \*  
 \* ISI DATA BASE \*  
 \* POST OUTAGE EXAMINATION RESULTS REPORT \*  
 \* EXAM REQUIREMENT : 785-01 CYCLE : 05 \*  
 \* INTERVAL : 01 PERIOD : 3 \*  
 \* PAGE 22 \*  
 \* REVISION 0001 \*  
 \* DATE 06/11/92 \*  
 \*\*\*\*\*

SYSTEM : RHR5 RESIDUAL HEAT REMOVAL SYSTEM - 074  
 ISOMETRIC NUMBER : MSG-0010-C SHEET : 06

FEATURE NUMBER	COMPONENT	CATEGORY	EXAMINATION	CAL.	CAL.	EXAM	EXAM	EXAM	SEC XI	RELIEF	INDICATION	INDICATION
DESCRIP.	ITEM NO.	REPORT NO.	REPORT NO.	STD.	TYPE	DATE	RESULT	CREDIT	REGST.	TYPE	RESOLUTION	
2-RHRH-508	VSPRING	C-E	R00004501			VT-3	19920314	PASS	YES			
		CS. 50										
		C-E	R00004501			VT-4	19920314	PASS	YES			
		CS. 60										

\*\*\*\*\*  
 \* NUTECH TENNESSEE VALLEY AUTHORITY PRISM \*  
 \* SEQUOYAH NUCLEAR POWER PLANT - UNIT 2 \*  
 \* ISI DATA BASE \*  
 \* POST OUTAGE EXAMINATION RESULTS REPORT \*  
 \* EXAM REQUIREMENT : 785-01 CYCLE : 05 \*  
 \* INTERVAL : 01 PERIOD : 3 \*  
 \* PAGE 23 \*  
 \* REVISION 0001 \*  
 \* DATE 06/11/92 \*  
 \*\*\*\*\*

SYSTEM : RHR5 RESIDUAL HEAT REMOVAL SYSTEM - 074  
 ISOMETRIC NUMBER : MSG-0010-C SHEET : 05

FEATURE NUMBER	COMPONENT	CATEGORY	EXAMINATION	CAL.	CAL.	EXAM	EXAM	EXAM	SEC XI	RELIEF	INDICATION	INDICATION
DESCRIP.	ITEM NO.	REPORT NO.	REPORT NO.	STD.	TYPE	DATE	RESULT	CREDIT	REGST.	TYPE	RESOLUTION	
2-RHRH-509	VSPRING	C-E	R00004502			VT-3	19920314	PASS	YES			
		CS. 50										
		C-E	R00004502			VT-4	19920314	PASS	YES			
		CS. 60										

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP P.O. BOX 2000  
 1101 MARKET STREET DAISY, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401



REFERENCE DRAWINGS

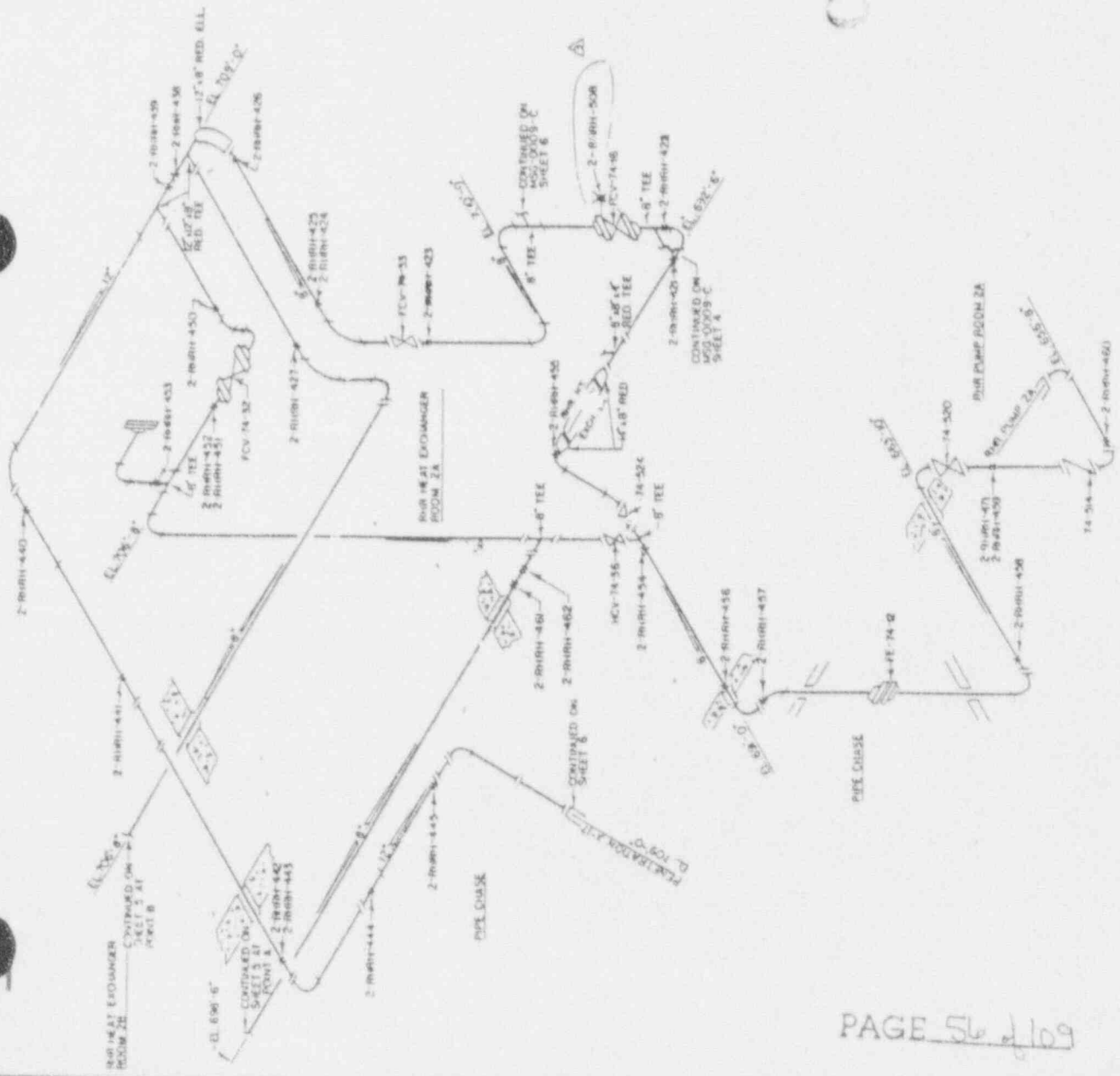
A 7454  
A 7452-90  
PIPE SCHEDULES  
ASME CC-2 (EQUIVALENT)  
1" SCH 40  
8" SCH 40S

UNIT 2  
CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
COMMERCIAL SERVICE DATE: JUNE 1, 1982  
NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
NUCLEAR POWER GROUP P.O. BOX 2000  
1101 MARKET STREET DAISY, TENNESSEE 37379  
CHATTANOOGA, TENNESSEE 37401

CONTINUED COPY

3. APPROVAL AND SIGNATURE	DATE
2. 12.56 DESIGNER	11.8.81
1. 8.81 DESIGNER	11.8.81
APPROVED BY	DATE
SEQUOYAH NUCLEAR PLANT	
UNIT # 2	
RESIDUAL HEAT REMOVAL SYSTEM	
MARKET LOCATIONS	
PROJECT NO.	HS-0000-C-1



REFERENCE DRAWINGS

4-7424

47432-30

PIPE SCHEDULES

NAME: 022 (EQUIPMENT)

8' SCH 40S

**UNIT 2**

CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

COMMERCIAL SERVICE DATE: JUNE 1, 1982

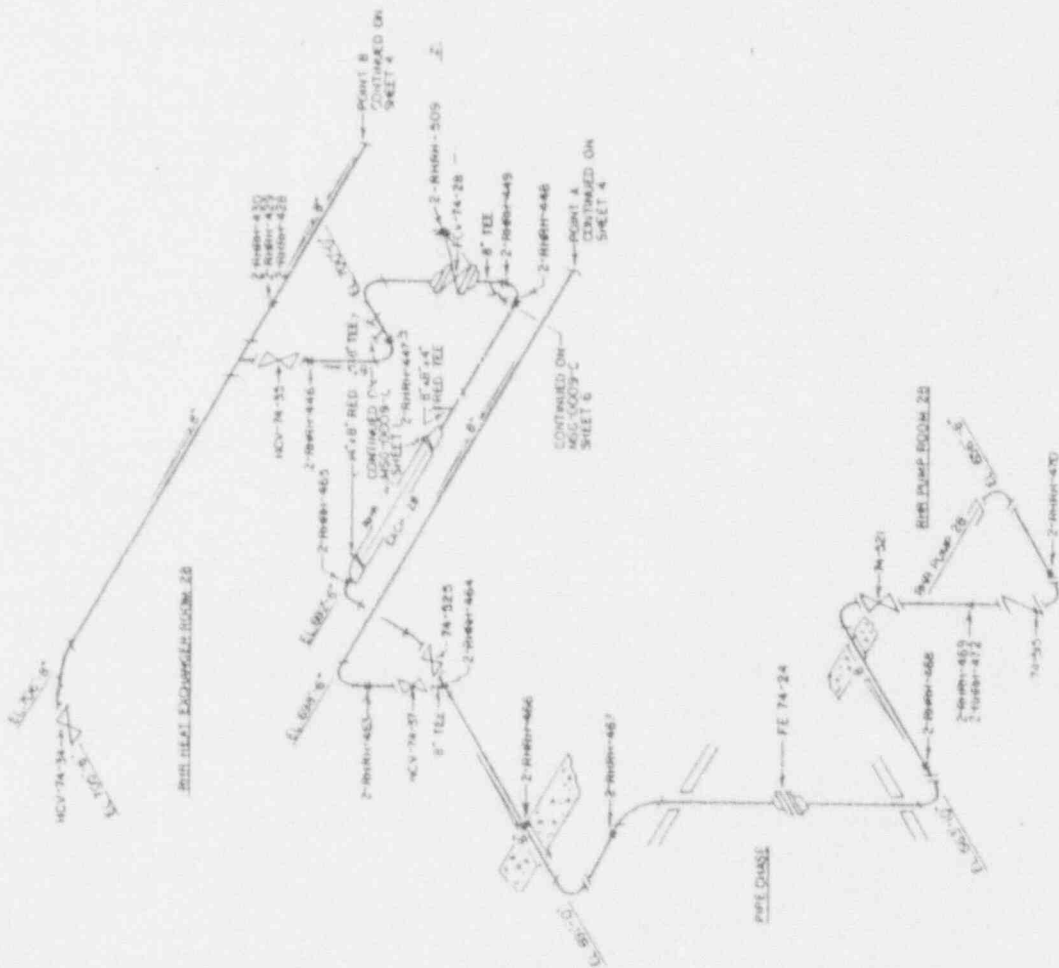
NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER: TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER GROUP  
1101 MARKET STREET  
CHATTANOOGA, TENNESSEE 37401

PLANT: SEQUOYAH NUCLEAR PLANT  
P.O. BOX 2000  
DAISY, TENNESSEE 37379

NO.	DATE	REVISIONS	BY	APP'D.
1	10/15/82	ADD 2" NIPPLE TO EXISTING 2" NIPPLE	ASB	10/15/82
2	11/12/82	REVISIONS	ASB	11/12/82

SEQUOYAH NUCLEAR PLANT  
UNIT #2  
RESIDUAL HEAT REMOVAL SYSTEM  
HANGER LOCATIONS



SYSTEM : RV REACTOR VESSEL - 068  
 ISOMETRIC NUMBER : 101-0097-C SHEET : 01

FEATURE NUMBER	COMPONENT DESCRPT.	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-11P	CRD PEN	B-E B4.13	W92-05016			VT-2	19920512	PASS	YES			
CRDW-64P	CRD PEN	B-E B4.13	W92-05016			VT-2	19920512	PASS	YES			
CRDW-65P	CRD PEN	B-E B4.13	W92-05016			VT-2	19920512	PASS	YES			
CRDW-66P	CRD PEN	B-E B4.13	W92-05016			VT-2	19920512	PASS	YES			
CRDW-70P	CRD PEN	B-E B4.13	W92-05016			VT-2	19920512	PASS	YES			
CRDW-72P	CRD PEN	B-E B4.13	W92-05016			VT-2	19920512	PASS	YES			
CRDW-76P	CRD PEN	B-E B4.13	W92-05016			VT-2	19920512	PASS	YES			
CRDW-77P	CRD PEN	B-E B4.13	W92-05016			VT-2	19920512	PASS	YES			

SYSTEM : RV REACTOR VESSEL - 068  
 ISOMETRIC NUMBER : 101-0290-B SHEET : 02

FEATURE NUMBER	COMPONENT DESCRPT.	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 B15.10	R00004601			VT-3	19920410	PASS	YES		DERRIS BORON RES BENT ROD	REMOVED ANAL OR ACCP ANAL OR ACCP

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP P.O. BOX 2000  
 1101 MARKET STREET DAISY, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401

REFERENCE DRAWINGS  
30816-1061

NOTES:

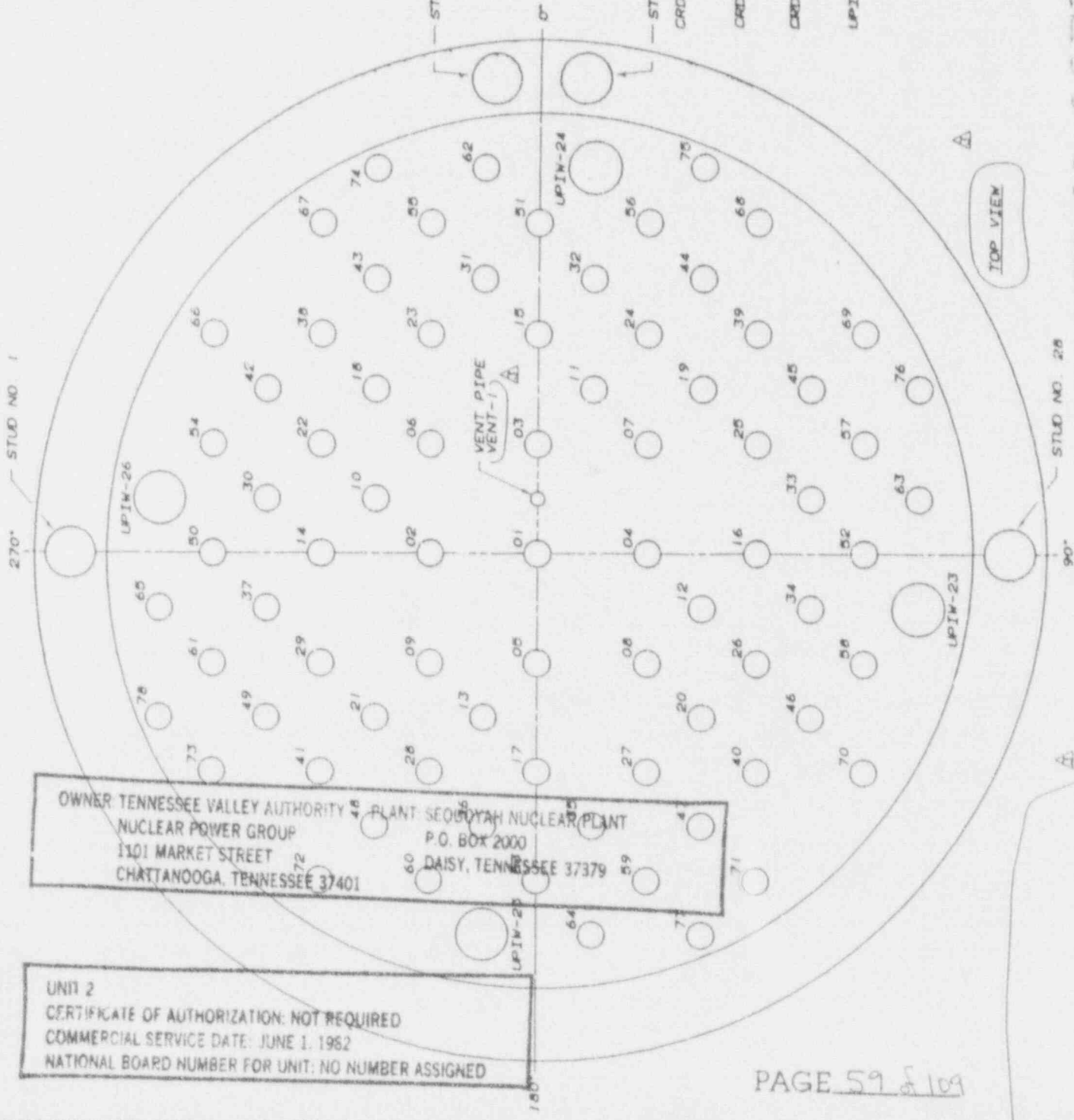
- 1 ALL CROW NUMBERS ARE PRECEDED BY CROW FOR THE WELD NUMBERS
- 2 FOR PENETRATION DETAILS SEE SHEET 2.
- 3 TO OBTAIN THE PENETRATION NUMBER, PRECEDE THE CROW NUMBER WITH P. FOR THE UPPERHEAD INJECTION STAND PIPES. TAKE THE WELD NUMBER AND SUFFIX IT WITH P. EXAMPLES: CROW-55P AND LPIW-25P
- 4 THE REACTOR VESSEL 0" IS 180" OUT OF PHASE FROM THE REACTOR BUILDING 0°.

CROW-XX — CROW NO. 1-76 (SEE DWG ISI-0300-A FOR DETAIL)  
CROW-XXP — CROW NO. 1-76 (SEE DWG ISI-0300-A FOR DETAIL)  
CROW-XXP — CROW NO. 1-76 (SEE DWG ISI-0300-A FOR DETAIL)

VESSEL COORDINATES  
(A07 E09 G05 J11 L07)  
LAUGMENTED EXAM SEE  
SNI-0-68-15 FOR LOCATIONS

REV	DATE	DESCRIPTION	BY	CHKD
1	12/14/76	REVISED PER PENETRATION DETAILS	...	...
2	1/21/77	REVISED PER WELD NUMBERS	...	...
3	1/21/77	REVISED PER WELD NUMBERS	...	...

TENESSEE VALLEY AUTHORITY  
SECURITY NUCLEAR PLANT  
UNIT 2  
CLOSURE HEAD PENETRATIONS



OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SECURITY NUCLEAR PLANT  
NUCLEAR POWER GROUP P.O. BOX 2000  
1101 MARKET STREET DAISY, TENNESSEE 37379  
CHATTANOOGA, TENNESSEE 37401

UNIT 2  
CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
COMMERCIAL SERVICE DATE: JUNE 1, 1982  
NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

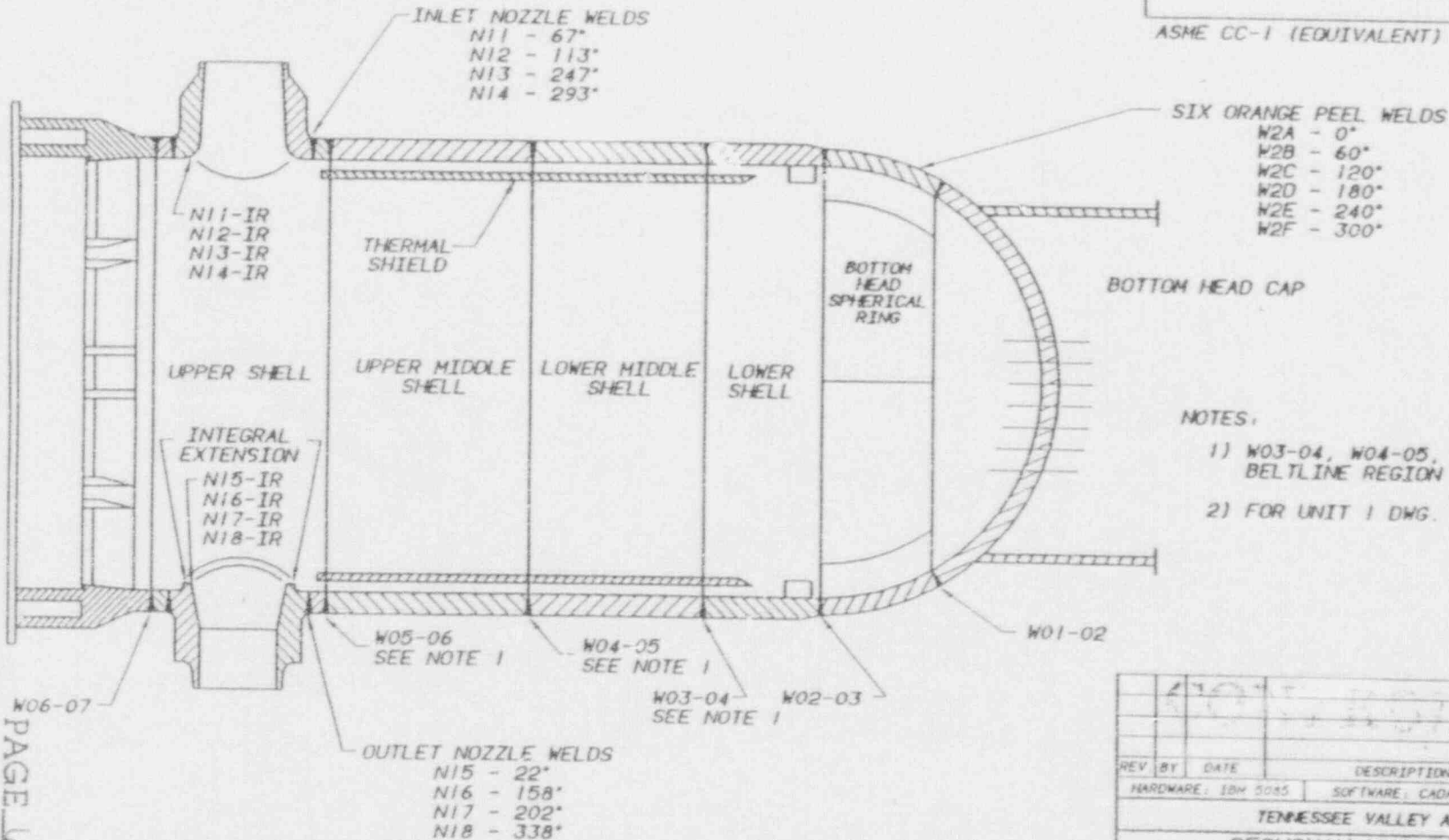
UNIT 2

CERTIFICATE OF AUTHORITY NOT REQUIRED  
COMMERCIAL SERVICE DATE: JUNE 1, 1982  
NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

REFERENCE DRAWINGS

CONTRACT NO. 68C60-91934  
(N2M-2-3)  
FIG. 7-25  
DWG NO. 30616-1050(FIG 7.18)

ASME CC-1 (EQUIVALENT)



NOTES:

- 1) W03-04, W04-05, & W05-06 ARE BELTLINE REGION WELDS
- 2) FOR UNIT 1 DWG. SEE CHM-2343-B

REV	BY	DATE	DESCRIPTION	CHK'D	SUB	APP
HARDWARE: IBM 5045			SOFTWARE: CADAM	USER: ISICMP		
TENNESSEE VALLEY AUTHORITY						
SEQUOYAH NUCLEAR PLANT						
UNIT 2						
REACTOR VESSEL						
SEAM WELDS						
DRAWN: RFG	SUBMITTED	APPROVED	SCALE NTS			
DATE 11-17-91	DATE 12-3-91	DATE 12/7/91	SHEET 2 OF 3 SHEET(S)			
DRAWN: RFG	JLr		DRAWING NO	REV		
DATE 12/7/91			ISI-0298-B	00		

OWNER: TENNESSEE VALLEY AUTHORITY    PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP    P.O. BOX 2000  
 1101 MARKET STREET    DAISY, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401

PAGE NO 2109

\*\*\*\*\*  
 \* NUTECH TENNESSEE VALLEY AUTHORITY PRISM \*  
 \* SEQUOYAH NUCLEAR POWER PLANT - UNIT 2 \*  
 \* ISI DATA BASE \*  
 \* POST OUTAGE EXAMINATION RESULTS REPORT \*  
 \* EXAM REQUIREMENT : 705-01 CYCLE : 05 \*  
 \* INTERVAL : 01 PERIOD : 5 \*  
 \*\*\*\*\*

SYSTEM : RV REACTOR VESSEL - 048  
 ISOMETRIC NUMBER : ISI-0319-C SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIP.	CATDRY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
INSTPEN-43	ICI PEN	B-E 04.14	W92-00016			VT-2	19920512	PASS	YES			
INSTPEN-51	ICI PEN	B-E 04.14	W92-00016			VT-2	19920512	PASS	YES			
INSTPEN-53	ICI PEN	B-E 04.14	W92-00016			VT-2	19920512	PASS	YES			
INSTPEN-54	ICI PEN	B-E 04.14	W92-00016			VT-2	19920512	PASS	YES			
INSTPEN-56	ICI PEN	B-E 04.14	W92-00016			VT-2	19920512	PASS	YES			

\*\*\*\*\*  
 \* NUTECH TENNESSEE VALLEY AUTHORITY PRISM \*  
 \* SEQUOYAH NUCLEAR POWER PLANT - UNIT 2 \*  
 \* ISI DATA BASE \*  
 \* POST OUTAGE EXAMINATION RESULTS REPORT \*  
 \* EXAM REQUIREMENT : 705-01 CYCLE : 05 \*  
 \* INTERVAL : 01 PERIOD : 5 \*  
 \*\*\*\*\*

SYSTEM : RK REACTOR COOLANT MAIN PIPING - 048  
 ISOMETRIC NUMBER : ISI-0008-B SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIP.	CATDRY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
RC-01-01	PIPE -PIPE	B-J 09.11	R00004524 R00004446	C00000276	SQ-04	UT-45	19920522 19920522	PASS PASS	YES YES			
RC-12-01	PIPE -ELBOW	B-J 09.11	R00004503 R00004430	C00000260	SQ-04	UT-45	19920510 19920510	PASS PASS	YES YES			
RC-13-01	PIPE -ELBOW	B-J 09.11	R00004504 R00004451	C00000260	SQ-04	UT-45	19920510 19920510	PASS PASS	YES YES			
RC-14-01	PIPE -PIPE	B-J 09.11	R00004530 R00004447	C00000277	SQ-05	UT-45	19920525 19920525	PASS PASS	YES YES			

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP P.O. BOX 2000  
 1701 MARKET STREET DAIKY, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER: TENNESSEE VALLEY AUTHORITY NUCLEAR POWER GROUP  
 1101 MARKET STREET  
 CHATTANOOGA, TENNESSEE 37401

PLANT: SEQUOYAH NUCLEAR PLANT  
 P.O. BOX 2000  
 DAISY, TENNESSEE 37379

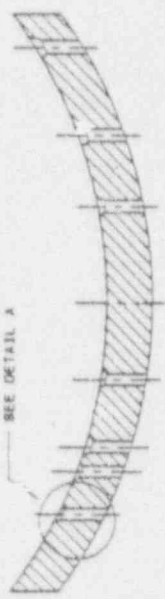
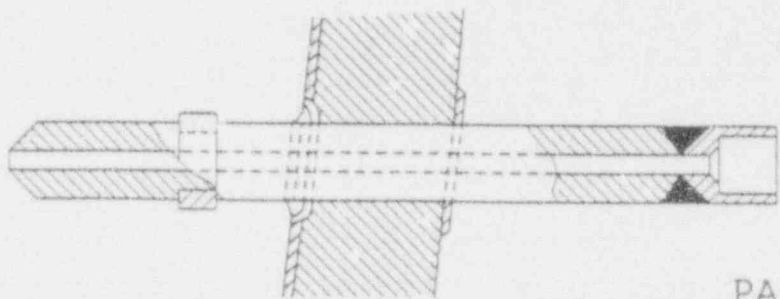
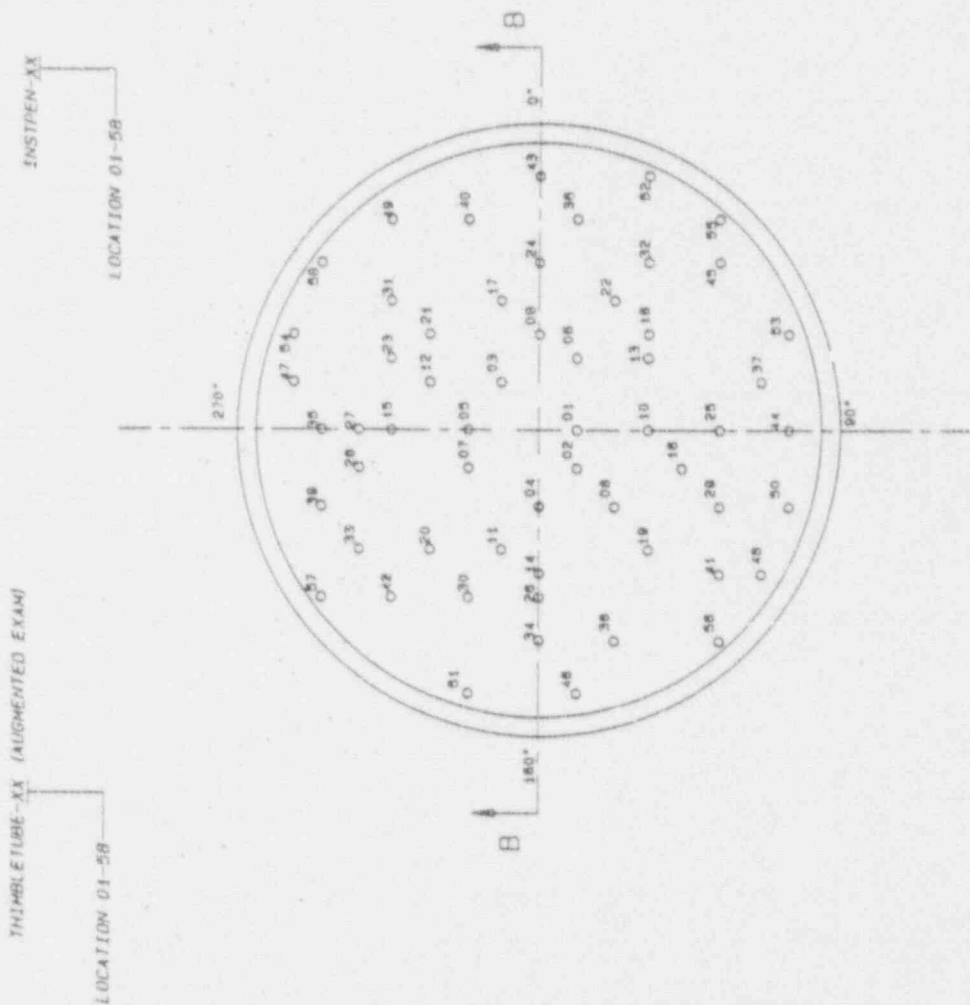
NOTE: FOR UNIT 1 DWG  
 SEE MSG-0004-C

REV	DATE	DESCRIPTION	BY	APP

TENNESSEE VALLEY AUTHORITY  
 DIVISION OF NUCLEAR POWER  
 SEQUOYAH NUCLEAR PLANT  
 UNIT 2

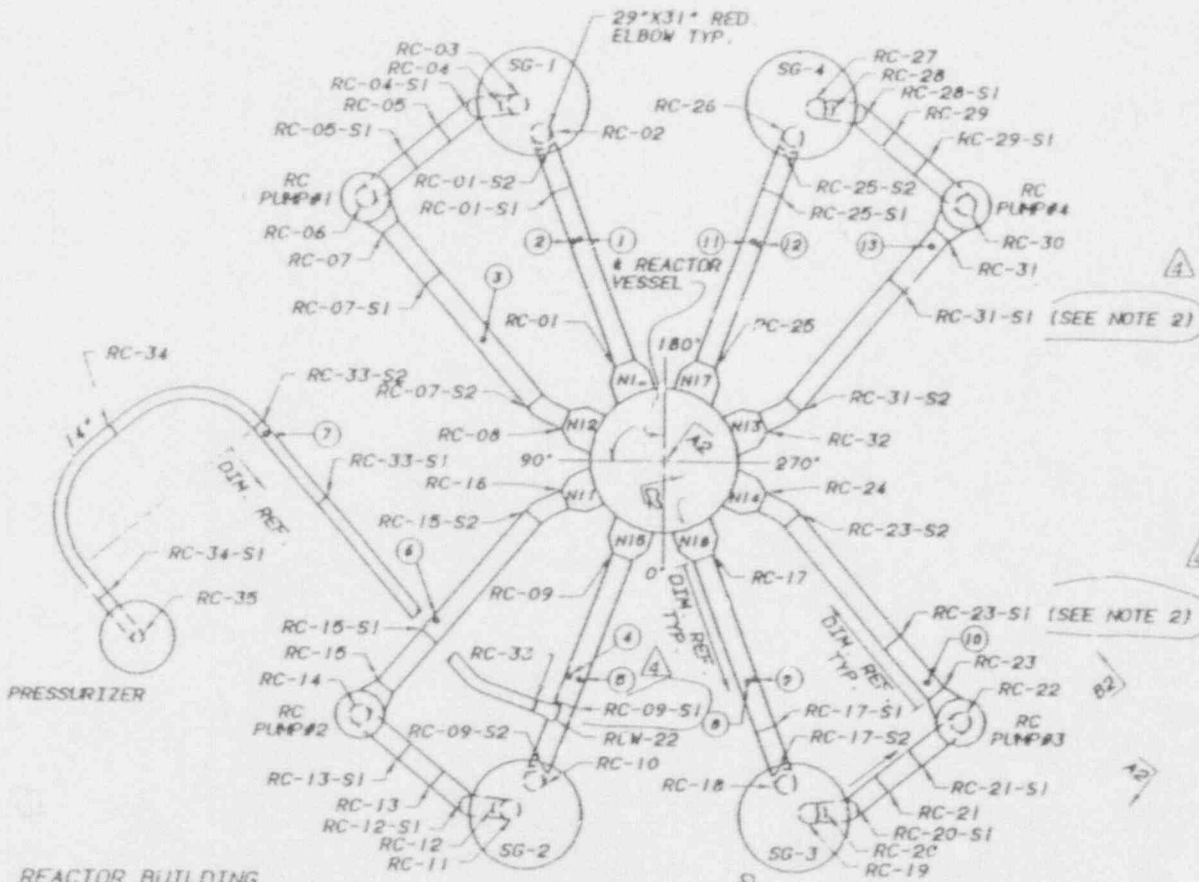
REACTOR VESSEL BOTTOM HEAD PENETRATIONS

SCALE: 1/4" = 1'-0"  
 DATE: 5-11-82  
 DRAWN BY: J. L. B. / J. L. B.  
 CHECKED BY: J. L. B. / J. L. B.  
 DATE: 5-11-82  
 151-0319-C 00



REV	DATE	DESCRIPTION	BY	APP

0  
 FOR UNIT 1 DWG  
 SEE MSG-0004-C



**REFERENCE DRAWINGS**  
 47W304-1  
 RC-2-5, RC-2-6  
 RC-2-7, RC-2-8  
 47W465-1  
 CONTRACT: 91934  
 DRAWING: 9392-TEN

**MATERIAL SPECIFICATIONS**  
 PRESSURIZER SURGE LINE  
 14" SCH 160 A-376  
 HOT LEG  
 29" ID, A-351 CF8M, N.W. 2.84"  
 CROSSOVER LEG  
 31" ID, A-351 CF8M, N.W. 2.99"  
 COLD LEG  
 27.8" ID, A-351 CF8M, N.W. 2.69"

ASME CC-1 (EQUIVALENT)

- NOTE:**
- INACCESSIBLE, SEE REQUEST FOR RELIEF ISI-7
  - REACTOR VESSEL NOZZLE TO SAFE END WELD ID'S ARE SHOWN ON RV DWG ISI-0298-B. THESE ARE ASME SECTION XI EXAM CATEGORY B-F, DISSIMILAR METAL WELDS.
  - STEAM GENERATOR NOZZLE TO SAFE END WELD ID'S ARE SHOWN ON S/G DWG ISI-0401-C. THESE ARE ASME SECTION XI EXAM CATEGORY B-F, DISSIMILAR METAL WELDS.
  - FOR TEMPERATURE ELEMENTS SEE SHEET 2 TAGS 1-13

REV	BY	DATE	DESCRIPTION	CHK'D	SLD	APP
4	RPD	11-17-91	CORRECT LOCATION OF WELD RC-09-S1. CHANGE NOTES, ADD REF DWGS, ADD SH 3, AND MADE CAD	PHB	JCB	11/18
3	LAD	7-15-87	CHANGE RC-15-S2 TO RC-15-S1	MRA	REC	GLB
2	LAD	8-27-86	CORRECT #5 FOR PRISIN	MRA	RME	GLB
1		5-13-81	ADD WELD NO	EDC		GLB

HARDWARE: IBM 5085 SOFTWARE: CADAM USER: ISICMP

TENNESSEE VALLEY AUTHORITY  
 SEQUOYAH NUCLEAR PLANT  
 UNIT 2  
 REACTOR COOLANT PIPING  
 WELD LOCATIONS

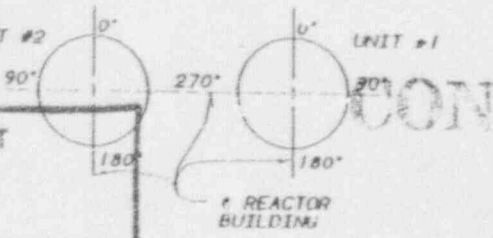
DRAWN	SUBMITTED	APPROVED	SCALE NTS
DATE	DATE	DATE	SHEET 1 OF 3
DRAWN BY	ENC	GLB	DRAWING NO
DATE			ISI-0008-U

REACTOR BUILDING LOWER CONTAINMENT

**UNIT 2**  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

PAGE 103 of 109

OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP P.O. BOX 2000  
 1101 MARKET STREET DAISY, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401





SYSTEM : RK REACTOR COOLANT MAIN PIPING - 068  
 ISOMETRIC NUMBER : 101-0008-B SHEET : 02

FEATURE NUMBER	COMPONENT DESCRIPT.	CATEGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC KI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
2-TE-68-0430	THERMLD	B-J 09.32	R00004559			PT	19920524	PASS	YES			
2-TE-68-085	THERMLD	B-J 09.32	R00004523			PT	19920523	PASS	YES			

OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP P.O. BOX 2000  
 1101 MARKET STREET DAISY, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401

July 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

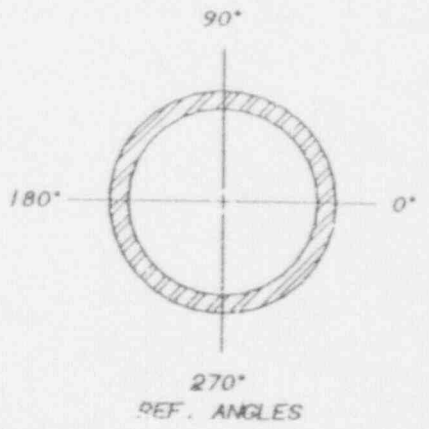
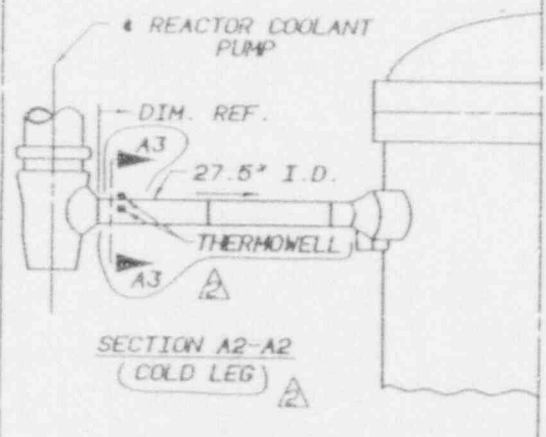
SYSTEM : 00 RCS STEAM GENERATOR - 068  
 ISOMETRIC NUMBER : 101-0295-B SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPT.	CATEGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC KI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
MWCB-2-2-01-H	MW BLTG	B-G-2 07.50	R00004602			VT-1	19920411	PASS	YES			
MWCB-2-2-02-H	MW BLTG	B-G-2 07.50	R00004602			VT-1	19920411	PASS	YES			
MWCB-2-2-03-H	MW BLTG	B-G-2 07.50	R00004602			VT-1	19920411	PASS	YES			
MWCB-2-2-04-H	MW BLTG	B-G-2 07.50	R00004602			VT-1	19920411	PASS	YES			
MWCB-2-2-05-H	MW BLTG	B-G-2 07.50	R00004602			VT-1	19920411	PASS	YES			
MWCB-2-2-06-H	MW BLTG	B-G-2 07.50	R00004602			VT-1	19920411	PASS	YES			
MWCB-2-2-07-H	MW BLTG	B-G-2 07.50	R00004602			VT-1	19920411	PASS	YES			
MWCB-2-2-08-H	MW BLTG	B-G-2 07.50	R00004602			VT-1	19920411	PASS	YES			
MWCB-2-2-09-H	MW BLTG	B-G-2 07.50	R00004602			VT-1	19920411	PASS	YES			
MWCB-2-2-10-H	MW BLTG	B-G-2 07.50	R00004602			VT-1	19920411	PASS	YES			
MWCB-2-2-11-H	MW BLTG	B-G-2 07.50	R00004602			VT-1	19920411	PASS	YES			

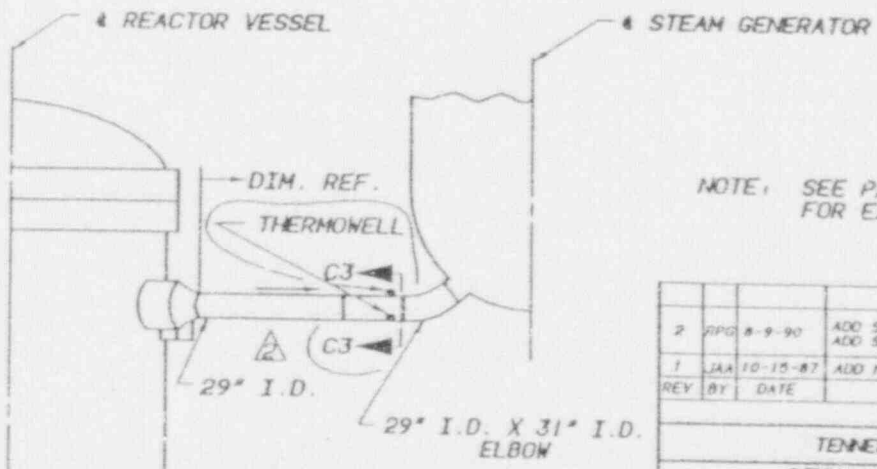
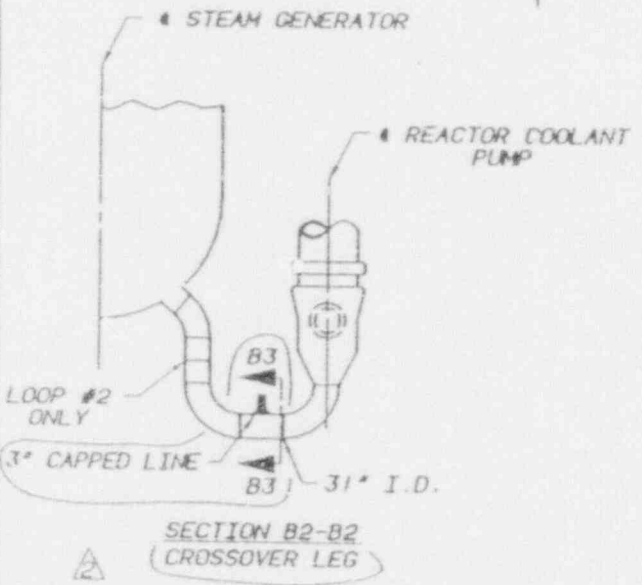
OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP P.O. BOX 2000  
 1101 MARKET STREET DAISSY, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401  
 REACTOR VESSEL

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

NOTE:  
 PIPE ORIENTATION AS VIEWED FROM DIM. REF.



TAG NO.	LEG LOOP	WELD NUMBER	SIZE-SCH. OD=2 1/2" ID=0.875"	Dim. TO REF	REF. ANGLE
1	HL-1	2-TE-68-001		9'-9"	90°
2	HL-1	2-TE-68-001C		9'-9"	135°
3	CL-1	2-TE-68-018		8'-3"	90°
4	HL-2	2-TE-68-024		9'-5"	45°
5	HL-2	2-TE-68-024C		9'-5"	135°
6	CL-2	2-TE-68-041		6'-6"	90°
7	PS	2-TE-68-318		3'-0"	90°
8	HL-3	2-TE-68-043C		9'-0"	90°
9	HL-3	2-TE-68-043C		9'-0"	135°
10	CL-3	2-TE-68-060		1'-0"	45°
11	HL-4	2-TE-68-065		8'-0"	90°
12	HL-4	2-TE-68-065C		8'-0"	45°
13	CL-4	2-TE-68-083		3'-3"	90°



NOTE: SEE PARAGRAPH 7 & 5.1 FOR EXPLANATION OF SIZE & SCH.

REV	BY	DATE	DESCRIPTION	CHK'D	SUB	APP
2	RPG	8-9-90	ADD SECTION DETAILS PER RTO MOD. ADD SHEET 3, & ADD 0'S FOR PRISM	PHB	DLB	GLB
1	JAA	10-15-87	ADD NOTE & MINOR CHANGES	EDC		GLB

TENNESSEE VALLEY AUTHORITY  
 SEQUOYAH NUCLEAR PLANT  
 UNIT 2  
 REACTOR COOLANT PIPING  
 WELD LOCATIONS

DRAWN: _____	SUBMITTED DATE: _____	APPROVED DATE: _____	SCALE NTS
DATE: _____	DATE: _____	DATE: _____	SHEET 2 OF 3 SHEET(S)
CHECKED: EDC	EDC	GLB	DRAWING NO. ISI-0008-B
DATE: _____			REV 02

PAGE 05 2109

SYSTEM : 00 RCS STEAM GENERATOR - 060  
 ISOMETRIC NUMBER : ISI-0299-B SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPTION	CATEGORY/ 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-2-2-12-H	MW BLTD	B-0-2 07.50	R00004602			VT-1	19920411	PASS	YES			
MWCB-2-2-13-H	MW BLTD	B-0-2 07.50	R00004602			VT-1	19920411	PASS	YES			
MWCB-2-2-14-H	MW BLTD	B-0-2 07.50	R00004602			VT-1	19920411	PASS	YES			
MWCB-2-2-15-H	MW BLTD	B-0-2 07.50	R00004602			VT-1	19920411	PASS	YES			
MWCB-2-2-16-H	MW BLTD	B-0-2 07.50	R00004602			VT-1	19920411	PASS	YES			
MWCB-2-3-01-C	MW BLTD	B-0-2 07.50	R00004602			VT-1	19920411	PASS	YES			
MWCB-2-3-01-H	MW BLTD	B-0-2 07.50	R00004602			VT-1	19920411	PASS	YES			
MWCB-2-3-02-C	MW BLTD	B-0-2 07.50	R00004602			VT-1	19920411	PASS	YES			
MWCB-2-3-02-H	MW BLTD	B-0-2 07.50	R00004602			VT-1	19920411	PASS	YES			
MWCB-2-3-03-C	MW BLTD	B-0-2 07.50	R00004602			VT-1	19920411	PASS	YES			
MWCB-2-3-03-H	MW BLTD	B-0-2 07.50	R00004602			VT-1	19920411	PASS	YES			

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

SYSTEM : 00 RCS STEAM GENERATOR - 060  
 ISOMETRIC NUMBER : ISI-0299-B SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPTION	CATEGORY/ 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-2-3-04-C	MW BLTD	B-0-2 07.50	R00004602			VT-1	19920411	PASS	YES			
MWCB-2-3-04-H	MW BLTD	B-0-2 07.50	R00004602			VT-1	19920411	PASS	YES			
MWCB-2-3-05-C	MW BLTD	B-0-2 07.50	R00004602			VT-1	19920411	PASS	YES			
MWCB-2-3-05-H	MW BLTD	B-0-2 07.50	R00004602			VT-1	19920411	PASS	YES			
MWCB-2-3-06-C	MW BLTD	B-0-2 07.50	R00004602			VT-1	19920411	PASS	YES			
MWCB-2-3-06-H	MW BLTD	B-0-2 07.50	R00004602			VT-1	19920411	PASS	YES			
MWCB-2-3-07-C	MW BLTD	B-0-2 07.50	R00004602			VT-1	19920411	PASS	YES			
MWCB-2-3-07-H	MW BLTD	B-0-2 07.50	R00004602			VT-1	19920411	PASS	YES			
MWCB-2-3-08-C	MW BLTD	B-0-2 07.50	R00004602			VT-1	19920411	PASS	YES			
MWCB-2-3-08-H	MW BLTD	B-0-2 07.50	R00004602			VT-1	19920411	PASS	YES			
MWCB-2-3-09-C	MW BLTD	B-0-2 07.50	R00004602			VT-1	19920411	PASS	YES			

OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP P.O. BOX 2000  
 1101 MARKET STREET DAISY, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401

SYSTEM : 50 RCS STEAM GENERATOR - 040  
 ISOMETRIC NUMBER : ISI-0299-B SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPTION	CATEGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI RELIEF CREDIT REQST.	INDICATION TYPE	INDICATION RESOLUTION
MWCB-2-3-09-H	MW BLTG	B-0-2 B7.50	R00004602			VT-1	19920411	PASS	YES		
MWCB-2-3-10-C	MW BLTG	B-0-2 B7.50	R00004602			VT-1	19920411	PASS	YES		
MWCB-2-3-10-H	MW BLTG	B-0-2 B7.50	R00004602			T-1	19920411	PASS	YES		
MWCB-2-3-11-C	MW BLTG	B-0-2 B7.50	R00004602			VT-1	19920411	PASS	YES		
MWCB-2-3-11-H	MW BLTG	B-0-2 B7.50	R00004602			VT-1	19920411	PASS	YES		
MWCB-2-3-12-C	MW BLTG	B-0-2 B7.50	R00004602			VT-1	19920411	PASS	YES		
MWCB-2-3-12-H	MW BLTG	B-0-2 B7.50	R00004602			VT-1	19920411	PASS	YES		
MWCB-2-3-13-C	MW BLTG	B-0-2 B7.50	R00004602			VT-1	19920411	PASS	YES		
MWCB-2-3-13-H	MW BLTG	B-0-2 B7.50	R00004602			VT-1	19920411	PASS	YES		
MWCB-2-3-14-C	MW BLTG	B-0-2 B7.50	R00004602			VT-1	19920411	PASS	YES		
MWCB-2-3-14-H	MW BLTG	B-0-2 B7.50	R00004602			VT-1	19920411	PASS	YES		

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

SYSTEM : 50 RCS STEAM GENERATOR - 040  
 ISOMETRIC NUMBER : ISI-0299-B SHEET : 01

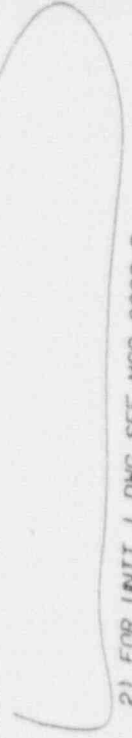
FEATURE NUMBER	COMPONENT DESCRIPTION	CATEGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI RELIEF CREDIT REQST.	INDICATION TYPE	INDICATION RESOLUTION
MWCB-2-3-15-C	MW BLTG	B-0-2 B7.50	R00004602			VT-1	19920411	PASS	YES		
MWCB-2-3-15-H	MW BLTG	B-0-2 B7.50	R00004602			VT-1	19920411	PASS	YES		
MWCB-2-3-16-C	MW BLTG	B-0-2 B7.50	R00004602			VT-1	19920411	PASS	YES		
MWCB-2-3-16-H	MW BLTG	B-0-2 B7.50	R00004602			VT-1	19920411	PASS	YES		
MWCB-2-4-01-C	MW BLTG	B-0-2 B7.50	R00004602			VT-1	19920411	PASS	YES		
MWCB-2-4-02-C	MW BLTG	B-0-2 B7.50	R00004602			VT-1	19920411	PASS	YES		
MWCB-2-4-03-C	MW BLTG	B-0-2 B7.50	R00004602			VT-1	19920411	PASS	YES		
MWCB-2-4-04-C	MW BLTG	B-0-2 B7.50	R00004602			VT-1	19920411	PASS	YES		
MWCB-2-4-05-C	MW BLTG	B-0-2 B7.50	R00004602			VT-1	19920411	PASS	YES		
MWCB-2-4-06-C	MW BLTG	B-0-2 B7.50	R00004602			VT-1	19920411	PASS	YES		
MWCB-2-4-07-C	MW BLTG	B-0-2 B7.50	R00004602			VT-1	19920411	PASS	YES		

OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP P.O. BOX 2000  
 1101 MARKET STREET DAISY, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401

ASME CC-1 (EQUIVALENT)



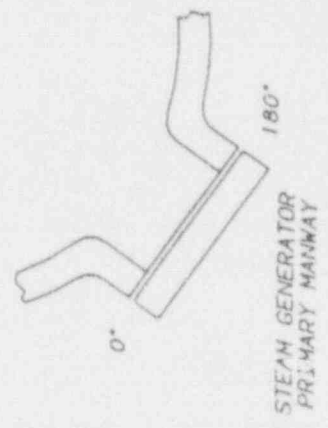
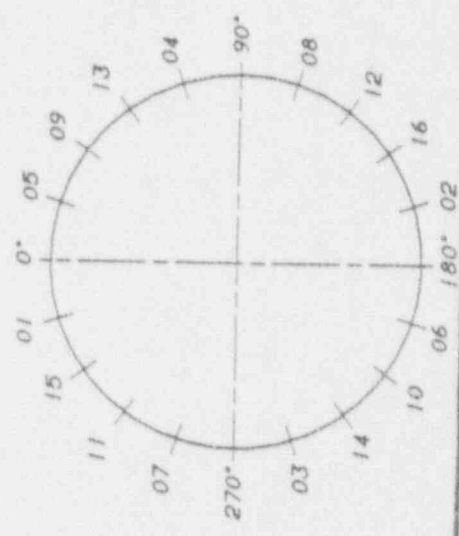
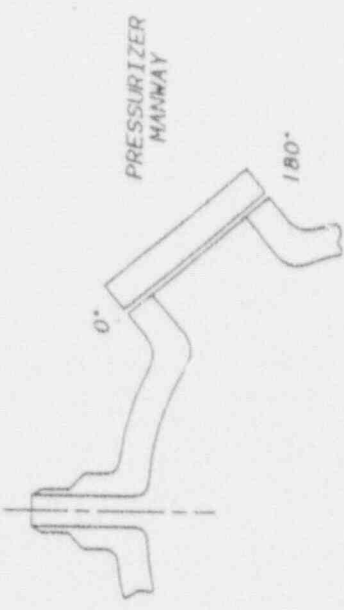
NOTES:



2) FOR UNIT 1 DWG SEE MSG-0002-B

SG ID MNCB-2-X-YY-Z  
 UNIT #  
 STM GEN #(1-4)  
 BOLTING #(01-16)  
 HOT OR COLD LEG (H/C)

PZR ID 2-MNCB-YY  
 UNIT #  
 BOLTING #(01-16)



UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SECOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP P.O. BOX 2000  
 1101 MARKET STREET DAISY, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401

2	12/16/91	DELETE NOTE 1, REMOVE CAD BLY DELETE CLADDING PATCHES FROM TITLE	PHD/KLB
1	3-17-89	CHANGED WORD FOLT TO BOLTING	MHA/KLC
REV	BY	DATE	DESCRIPTION
HARDWARE: IBM 5085		SOFTWARE: CADAM	USER: J510MP
TENNESSEE VALLEY AUTHORITY			
SECOYAH NUCLEAR PLANT			
UNIT 2			
PRESSURIZER AND STEAM GENERATOR MAINWAY BOLTING			
DRW NO.	DRW	SUBMITTED	APPROVED
DATE: 3-9-89		DATE: 3-17-89	DATE: 3-17-89
CHECKED: MHA	SCALE: NTS	SHEET 1 OF 1	SHEET(S)
DATE: 3-17-89	REV	DRWING NO.	REV
	NEC	ISI-0299-B	02

SYSTEM : 50 RCS STEAM GENERATOR - 068  
 ISOMETRIC NUMBER : ISI-0799-B SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPTION	CATEGORY 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-2-4-08-C	MW BLTD	B-0-2 B7.50	R00004602			VT-1	19920411	PASS	YES			
MWCB-2-4-09-C	MW BLTD	B-0-2 B7.50	R00004602			VT-1	19920411	PASS	YES			
MWCB-2-4-10-C	MW BLTD	B-0-2 B7.50	R00004602			VT-1	19920411	PASS	YES			
MWCB-2-4-11-C	MW BLTD	B-0-2 B7.50	R00004602			VT-1	19920411	PASS	YES			
MWCB-2-4-12-C	MW BLTD	B-0-2 B7.50	R00004602			VT-1	19920411	PASS	YES			
MWCB-2-4-13-C	MW BLTD	B-0-2 B7.50	R00004602			VT-1	19920411	PASS	YES			
MWCB-2-4-14-C	MW BLTD	B-0-2 B7.50	R00004602			VT-1	19920411	PASS	YES			
MWCB-2-4-15-C	MW BLTD	B-0-2 B7.50	R00004602			VT-1	19920411	PASS	YES			
MWCB-2-4-16-C	MW BLTD	B-0-2 B7.50	R00004602			VT-1	19920411	PASS	YES			

Isometric drawing on page 68

UNIT 2  
 CERTIFICATE OF AUTHORIZATION NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

SYSTEM : 50 RCS STEAM GENERATOR - 060  
 ISOMETRIC NUMBER : ISI-0396-C SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPTION	CATEGORY 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-0 B16.20	R00004597			TBI ET	19920411	FAIL	YES		WALL LOSS >/ PLUGGED	
SG-2-TUBING	VES TUB	B-0 B16.20	R00004598			TBI ET	19920411	FAIL	YES		WALL LOSS >/ PLUGGED	
SG-3-TUBING	VES TUB	B-0 B16.20	R00004599			TBI ET	19920411	FAIL	YES		WALL LOSS >/ PLUGGED	
SG-4-TUBING	VES TUB	B-0 B16.20	R00004600			TBI ET	19920411	FAIL	YES		WALL LOSS >/ PLUGGED	

OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP P.O. BOX 2000  
 1101 MARKET STREET DAISY, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER: TENNESSEE VALLEY AUTHORITY      PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCIFAP POWER GROUP                              P.O. BOX 2000  
 1101 MARKET STREET                                 DAISY, TENNESSEE 37335  
 CHATTANOOGA, TENNESSEE 37401

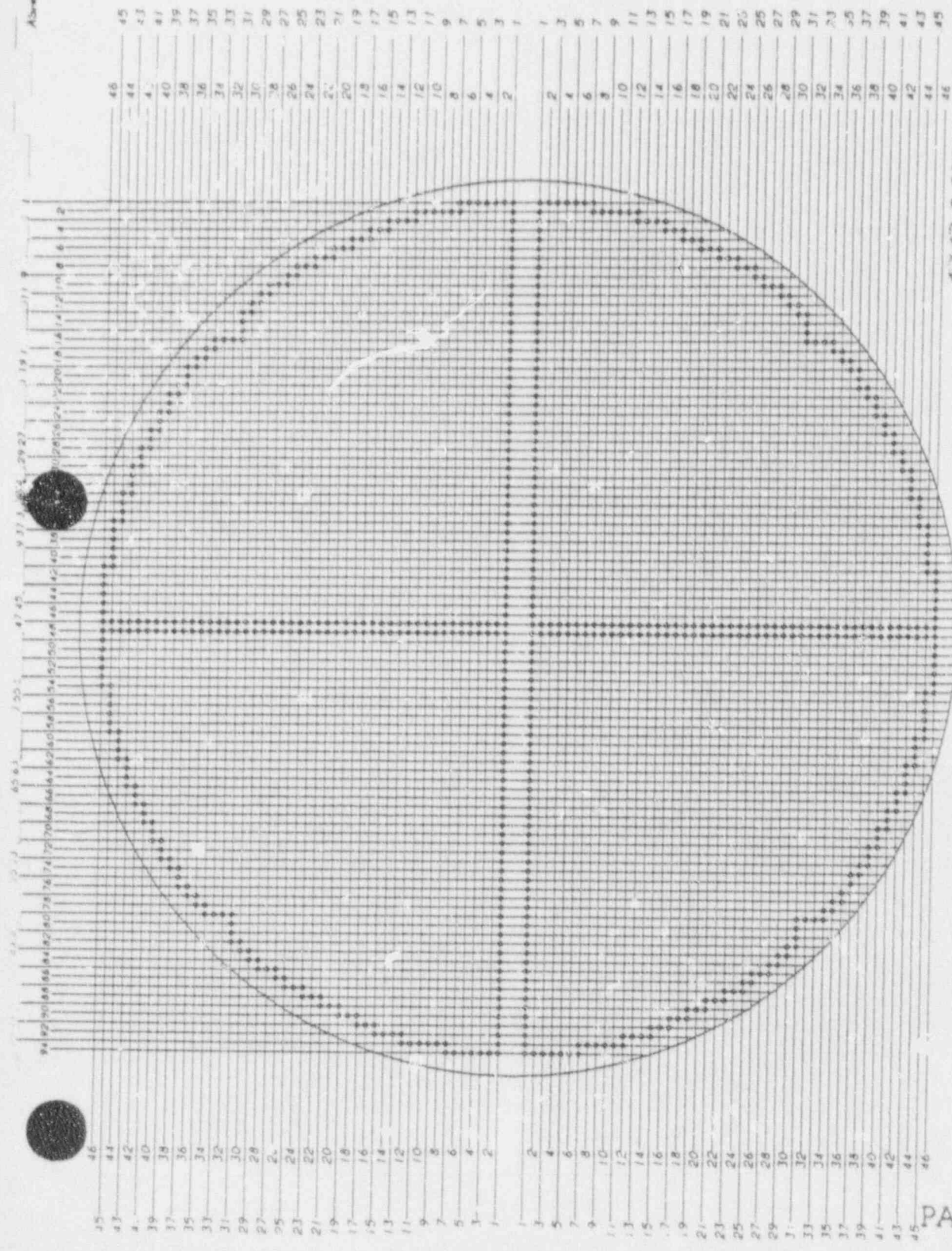
COPY

REV	DATE	DESCRIPTION	BY	DATE

TENNESSEE VALLEY AUTHORITY

SEQUOYAH NUCLEAR PLANT  
 UNIT 2  
 STEAM GENERATOR  
 TUBE SHEET ARRANGEMENT

DESIGNED BY	DRN/JRW	SCALE	AS SHOWN
DRAWN BY	WLD/STC	DRAWN DATE	11-11-77
CHECKED BY	STC	APP. DATE	11-11-77
IN CHARGE	JCG	ISSUE NO.	151-0398-100



TUBE SHEET ARRANGEMENT

MANWAY

NOZZLE

- NOTE: 1. THERE ARE 3,368 U-TUBES PER STEAM GENERATOR MADE OF NI-CR-FE ALLOY (INCONEL ASME SB-163) HAVING 0.876 O.D. AND 0.050 AV. WALL THK.  
 2. FOR UNIT 1 DWG SEE ISI-0397-C  
 3. THIS DWG REPLACES 76K1 FOR UNIT 2.

\*\*\*\*\*  
 NUTEC TENNESSEE VALLEY AUTHORITY PRISM  
 SEQUOYAH NUCLEAR POWER PLANT - UNIT 2  
 ISI DATA BASE  
 POST OUTAGE EXAMINATION RESULTS REPORT  
 EXAM REQUIREMENT : 7AS-01 CYCLE : 05  
 INTERVAL : 01 PERIOD : 3  
 \*\*\*\*\*  
 \* PAGE 06  
 \* REVISION 0001  
 \* DATE 04/11/92  
 \*\*\*\*\*

SYSTEM : 50 WCS STEAM GENERATOR - BAR  
 ISOMETRIC NUMBER : 101-0401-C SHEET : 01

FEATURE NUMBER	COMPONENT DESCRPT.	CATDRY/ 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
FDW-3	YES NOZ	C-R	R00004572			MT	19920520	PASS	YES			
	-VES SH	C2.20	R00004464	C00000503	SQ 57	UT-0	19920529	PASS	YES			
			R00004464	C00000504	SQ 57	UT-45	19920529	PASS	YES			
			R00004464	C00000505	SQ 57	UT-60	19920529	PASS	YES			
FDW-3-1R	YES NIR	C-R	R00004461	C00000295	SQ 76	UT-1R	19920530	PASS	YES			
		C2.20	R00004461	C00000294	SQ 76	UT-1R	19920530	PASS	YES			
FDW-4	YES NOZ	C-R	R00004573			MT	19920520	PASS	YES			
	-VES SH	C2.20	R00004465	C00000500	SQ 57	UT-0	19920520	PASS	YES			
			R00004465	C00000501	SQ 57	UT-45	19920520	PASS	YES			
			R00004465	C00000502	SQ 57	UT-60	19920520	PASS	YES			
FDW-4-1R	YES NIR	C-R	R00004468	C00000293	SQ 76	UT-1R	19920530	PASS	YES			
		C2.20	R00004468	C00000294	SQ 76	UT-1R	19920530	PASS	YES			
MSW-3	YES NOZ	C-R	R00004507			MT	19920520	PASS	YES		SUBSURF, LHM SUP EXAM, SC	
	-VES HD	C2.20	R00004467	C00000511	SQ 57	UT-0	19920404	PASS	YES		SUBSURF, LHM SUP EXAM, SC	
			R00004467	C00000512	SQ 57	UT-45	19920404	PASS	YES			
			R00004467	C00000513	SQ 57	UT-60	19920404	PASS	YES			
MSW-3-1R	YES NIR	C-R	R00004469	C00000514	SQ 76	UT-1R	19920404	PASS	YES			
MSW-4	YES NOZ	C-R	R00004574			MT	19920520	PASS	YES			
	-VES HD	C2.20	R00004468	C00000515	SQ 57	UT-0	19920520	PASS	YES			
			R00004468	C00000514	SQ 57	UT-45	19920404	PASS	YES			
			R00004468	C00000513	SQ 57	UT-60	19920404	PASS	YES			
MSW-4-1R	YES NIR	C-R	R00004470	C00000514	SQ 76	UT-1R	19920404	PASS	YES			

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

\*\*\*\*\*  
 NUTEC TENNESSEE VALLEY AUTHORITY PRISM  
 SEQUOYAH NUCLEAR PLANT - UNIT 2  
 ISI DATA BASE  
 POST OUTAGE EXAMINATION RESULTS REPORT  
 EXAM REQUIREMENT : 7AS-01 CYCLE : 05  
 INTERVAL : 01 PERIOD : 3  
 \*\*\*\*\*  
 \* PAGE 07  
 \* REVISION 0001  
 \* DATE 04/11/92  
 \*\*\*\*\*  
 SYSTEM : 50 WCS STEAM GENERATOR - BAR  
 ISOMETRIC NUMBER : 101-0401-C SHEET : 01

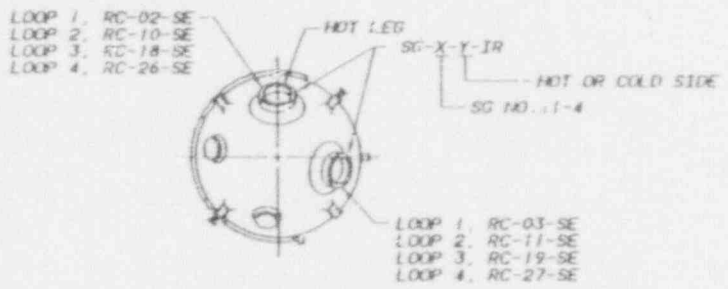
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RC-19-SE	YES NOZ	B-F	R00004506			PT	19920521	PASS	YES			
	-SAFEEND	BS.50	R00004464	C00000275	SQ 64	UT-45L	19920522	PASS	YES	*		
RC-24-SE	SAFEEND	B-F	R00004513			PT	19920520	PASS	YES			
	-VES NOZ	BS.50	R00004463	C00000277	SQ 64	UT-45L	19920520	PASS	YES	*	GEOMETRIC	NON-RELEVANT
RC-27-SE	YES NOZ	B-F	R00004514			PT	19920520	PASS	YES			
	-SAFEEND	BS.50	R00004462	C00000271	SQ 64	UT-45L	19920520	PASS	YES	*	GEOMETRIC	NON-RELEVANT
SO-3-C-1R	YES NIR	B-D	R00004438	C00000267	SQ 59	UT-1R	19920521	PASS	YES			
SO-3-H-1R	YES NIR	B-D	R00004437	C00000266	SQ 59	UT-1R	19920520	PASS	YES			
		BS.140										
SO-4-C-1R	YES NIR	B-D	R00004439	C00000268	SQ 59	UT-1R	19920520	PASS	YES			
		BS.140										
SO-4-H-1R	YES NIR	B-D	R00004440	C00000269	SQ 59	UT-1R	19920521	PASS	YES			
		BS.140										
SOH-A3	YES HD	B-B	R00004465	C00000508	WB 57	UT-0	19920525	PASS	YES			
	-VSTRSHT	R2.40	R00004465	C00000507	WB 57	UT-45	19920527	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00004465	C00000508	WB 57	UT-60	19920527	PASS	YES		GEOMETRIC	NON-RELEVANT
SOH-A4	YES HD	B-B	R00004462	C00000297	WB 57	UT-0	19920521	PASS	YES			
	-VSTRSHT	R2.40	R00004462	C00000298	WB 57	UT-45	19920521	PASS	YES		GEOMETRIC	NON-RELEVANT
			R00004462	C00000299	WB 57	UT-60	19920522	PASS	YES		GEOMETRIC	NON-RELEVANT
SOH-11C	VSTRSHT	C-A	R00004474	C00000527	SO 40	UT-0	19920405	PASS	YES			

OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP P.O. BOX 2000  
 1101 MARKET STREET DAVIS, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401

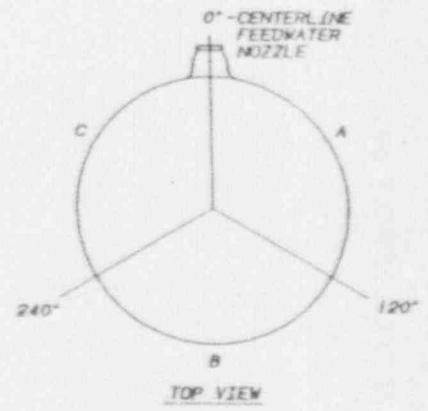
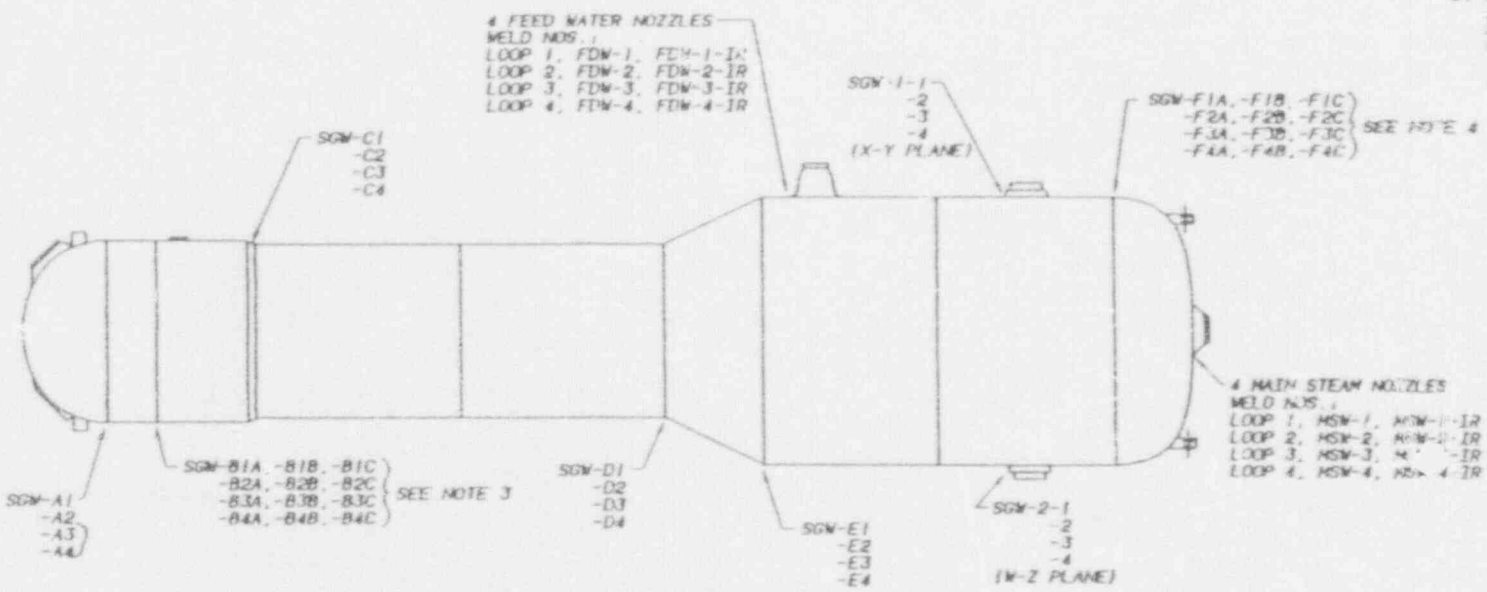
\* See Appendix VII



REFERENCE DRAWINGS  
 CONTRACT NO. 82C60-9193  
 STEAM GEN MANUAL (FIG 5)  
 ASME CC-1 (EQUIVALENT)  
 ASME CC-2 (EQUIVALENT)



- NOTES:
- FOR UNIT 1 DWG SEE ISI-0399-C
  - THIS DWG SUPERCEDES ISI-0320-B
  - A=0°-12° (0°-120°)  
B=12°-24° (120°-240°)  
C=24°-36° (240°-360°)
  - A=0°-15° (0°-117°)  
B=15°-33° (117°-235°)  
C=30°-46° (235°-360°)
  - STEAM GENERATOR NOZZLE SAFE END TO PIPE WELD ID'S ARE SHOWN ON RC MAIN LOOP DWG ISI-0763-B. THESE ARE ASME SECTION XI CATEGORY B-J. (i.e., RC-02-SE)
  - STEAM GENERATOR NOZZLE TO SAFE END WELD ID'S SHOWN ON THIS DWG ARE ASME SECTION XI EXAM CATEGORY B-F, DISSIMILAR METAL WELDS. (i.e., RC-02-SE)



PAGE 77 of 109

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP P.O. BOX 3000  
 1101 MARKET STREET DAISY, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401

CONFIDENTIAL COPY

REV.	DATE	DESCRIPTION	BY	CHK'D	APP'D
HARDWARE: IBM 3045 SOFTWARE: CAGM USER: ISIGP					
TENNESSEE VALLEY AUTHORITY					
SEQUOYAH NUCLEAR PLANT					
UNIT 2					
STEAM GENERATOR					
DRAWN: RJC	SUBMITTED: 11-17-81	APPROVED: DATE 11/22/81	SCALE: NTS	SHEET 1 OF 1 PART 3	
DRAWN: RJC	DATE: 11-17-81	DATE: 11/22/81	SCALE: NTS	DRAWING NO. ISI-0401-C100	
DATE: 12-5-81	X6	DATE: 11/22/81	SCALE: NTS	REV.	

SYSTEM : 50 RCS STEAM GENERATOR - 060  
 ISOMETRIC NUMBER : 101-0401-C SHEET : 07

FEATURE NUMBER	COMPONENT DESCRIPTION	CATEGORY	EXAMINATION ITEM NO.	REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
S0H-B10	VTSRST	C-A	R00004474	C0001528	50-40	UT-45	19920405	PASS	YES			GEOMETRIC	NON-RELEVANT
	-VES SHL C1.50		R00004474	C00000529	50-60	UT-60	19920405	PASS	YES			GEOMETRIC	NON-RELEVANT
S0H-C1	VES SHL C1.10	C-A	R00004492	C00000572	50-40	UT-45	19920415	PASS	YES				
			R00004492	C00000576	50-40	UT-45	19920415	PASS	YES				
			R00004492	C00000577	50-60	UT-60	19920415	PASS	YES				
S0H-F10	VES SHL C1.20	C-A	R00004480	C00000546	WB-39	UT-45	19920407	PASS	YES				
	-VES HC		R00004480	C00000547	WB-39	UT-45	19920407	PASS	YES				
			R00004480	C00000548	WB-29	UT-60	19920407	PASS	YES				

Isometric drawing on page 72

SYSTEM : 515 SAFETY INJECTION SYSTEM - 063  
 ISOMETRIC NUMBER : 101-0002-C SHEET : 05

FEATURE NUMBER	COMPONENT DESCRIPTION	CATEGORY	EXAMINATION ITEM NO.	REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
S15-240	ELBOW	B-1	R00004510	C00000264	50-38	PT	19920520	PASS	YES				
	-PIPE		R00004450	C00000264	50-38	UT-45	19920520	PASS	YES				

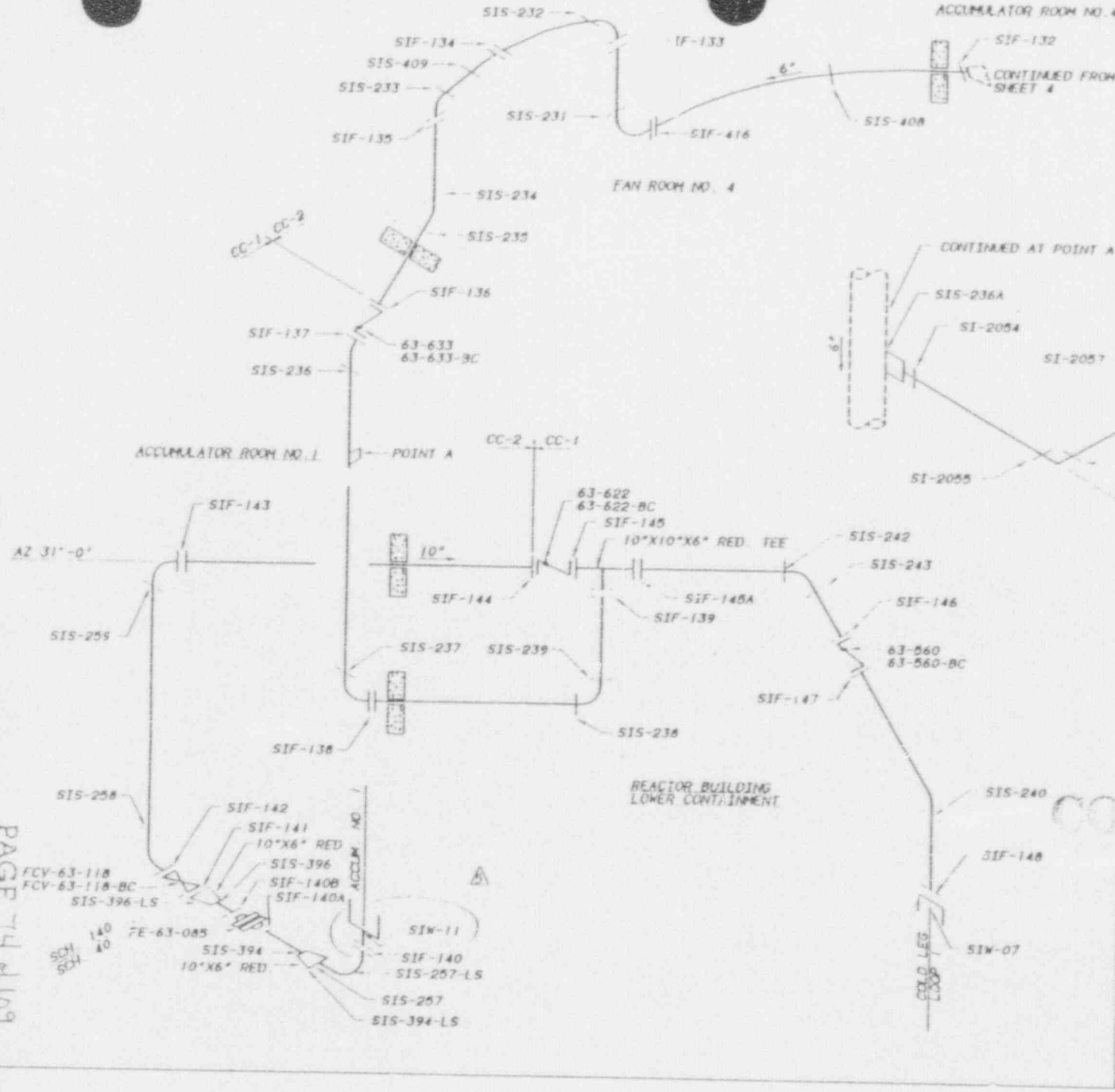
UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP P.O. BOX 2000  
 1101 MARKET STREET DAISY, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401

REFERENCE DRAWING

47W435-11 TIER 1 16  
NAVCO A-7540  
2-SI-506-1W

NOTE: FOR SPECS SEE SHEET 4



OWNER: TENNESSEE VALLEY AUTHORITY  
 NUCLEAR POWER GROUP  
 101 MARKET STREET  
 CHATTANOOGA, TENNESSEE 37401

PLANT: SEQUOYAH NUCLEAR PLANT  
 P.O. BOX 2000  
 DAISY, TENNESSEE 37379

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

NO.	DATE	DESCRIPTION	BY	CHKD.
1	12-2-81	ADD WELD TO 11 AND MAKE LHD	...	...
2	1-3-82	ADD SIF 140-A TO 10"	...	...
3	4-2-82	COMPLETE AS PER DESIGN	...	...
4	1-1-82	COMPLETE WELD TO	...	...
5	1-15-82	ASSEMBLY TO 10"	...	...

TENNESSEE VALLEY AUTHORITY			
SEQUOYAH NUCLEAR PLANT			
UNIT 2			
SAFETY DESIGN ENGINEERING			
WATER SYSTEM			
ISSUED DATE	APPROVED DATE	SCALE	SCALE
CHECKED DATE	DATE	BY	BY
ISI-0002-C05			

PAGE 74 of 109

SYSTEM : SIS SAFETY INJECTION SYSTEM - 063  
 ISOMETRIC NUMBER : ISI-0002-C SHEET : 06

FEATURE NUMBER	COMPONENT DESCRIPTION	CATEGORY/ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI RELIEF CREDIT REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIS-200	PIPE -ELBOW	B-J 09.11	R00004585 R00004449	C00000200	SQ-00	PT UT-45	19920525 19920520	PASS PASS	YES YES		
SIS-202	PIPE -ELBOW	B-J 09.11	R00004589 R00004454	C00000263	SQ-01	PT UT-45	19920520 19920520	PASS PASS	YES YES		
SIS-200	TEE -PIPE	B-J 09.11	R00004510 R00004436	C00000265	SQ-00	PT UT-45	19920520 19920520	PASS PASS	YES YES		
63-632-BC	VALBLTD	B-0-2 07.70	R00004610			VT-1	19920417	PASS	YES		
63-634-BC	VALBLTD	B-0-2 07.70	R00004611			VT-1	19920417	PASS	YES		

SYSTEM : SIS SAFETY INJECTION SYSTEM - 063  
 ISOMETRIC NUMBER : ISI-0002-C SHEET : 07

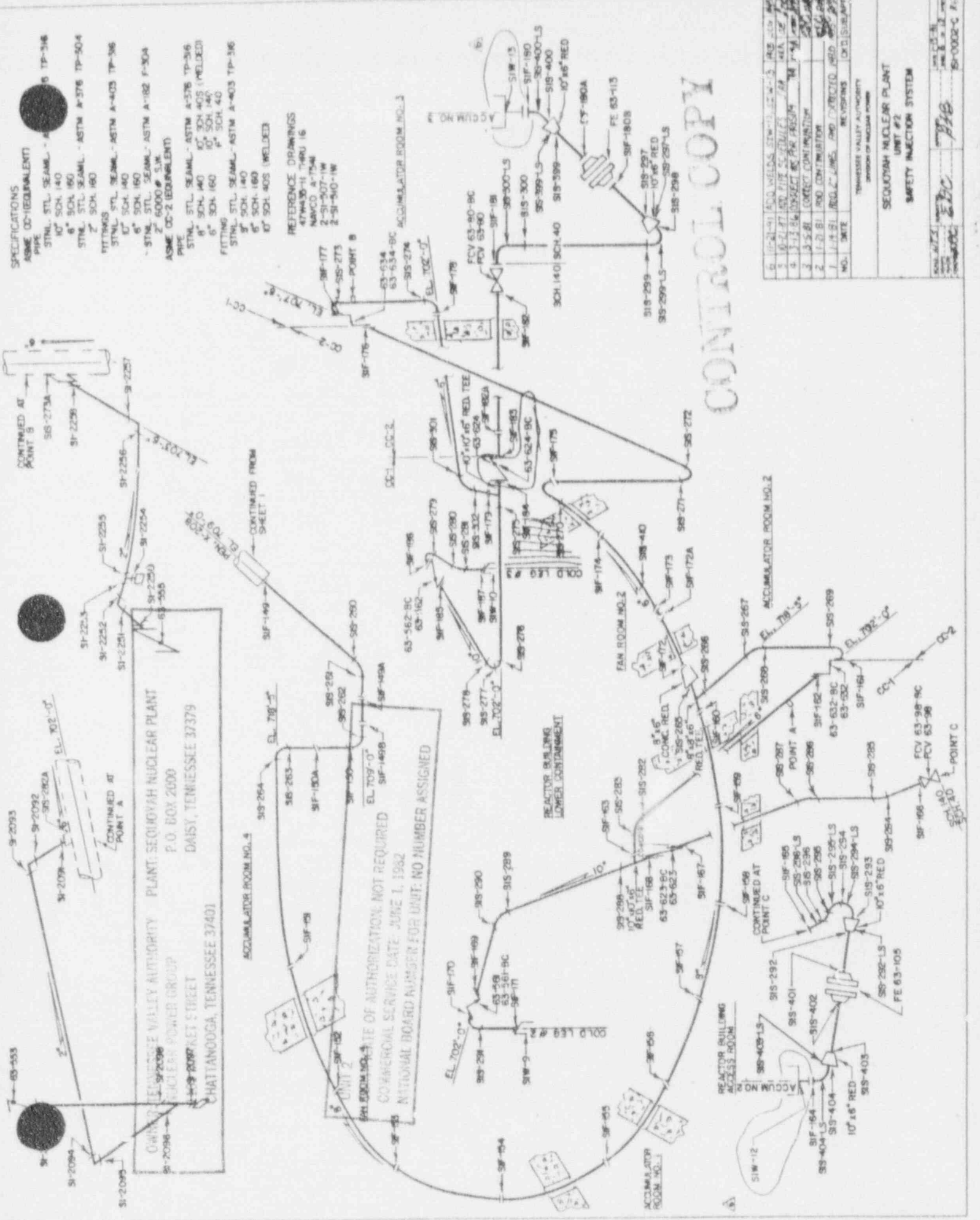
FEATURE NUMBER	COMPONENT DESCRIPTION	CATEGORY/ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI RELIEF CREDIT REQST.	INDICATION TYPE	INDICATION RESOLUTION
SIS-017	CAP -PIPE	B-J 09.11	R00004543 R00004454	C00000207	SL-01 SQ-01	PT UT-45	19920526 19920520	PASS PASS	YES YES		
SIS-320	CAP -PIPE	B-J 09.11	R00004537 R00004453	C00000206	SQ-01	PT UT-45	19920526 19920520	PASS PASS	YES YES	GEOMETRIC	NON-RELEVANT
SIS-537	ELBOW -PIPE	B-J 09.21	R00004566			PT	19920527	PASS	YES		
SIS-350	PIPE -RED TEE	B-J 09.21	R00004600			PT	19920410	PASS	YES		
SIS-410	PIPE -PIPE	B-J 09.21	R00004574			PT	19920529	PASS	YES		
63-550-BC	VALBLTD	B-0-2 07.70	R00004500			VT-1	19920329	FAIL	YES	CORROSION LEAKAGE	CORR RMVD BLTNG CORC

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP P.O. BOX 2000  
 1101 MARKET STREET CHATTANOOGA, TENNESSEE 37401  
 CHATTANOOGA, TENNESSEE 37401

- SPECIFICATIONS
- ASME CC-1 (EQUIVALENT)
  - PIPE
  - STN'L STL SEAML. - ASTM A-182 TP-304
  - 6" SCH. 40
  - 8" SCH. 40
  - STN'L STL SEAML. - ASTM A-376 TP-304
  - 6" SCH. 160
  - 8" SCH. 160
  - FITTINGS
  - STN'L STL SEAML. - ASTM A-403 TP-316
  - 6" SCH. 160
  - 8" SCH. 160
  - STN'L STL SEAML. - ASTM A-182 F-304
  - 6" SCH. 160
  - 8" SCH. 160
  - ASME CC-2 (EQUIVALENT)
  - PIPE
  - STN'L STL SEAML. - ASTM A-376 TP-316
  - 6" SCH. 160
  - 8" SCH. 40S (WELDED)
  - 6" SCH. 160
  - 8" SCH. 40
  - FITTINGS
  - STN'L STL SEAML. - ASTM A-403 TP-316
  - 6" SCH. 160
  - 8" SCH. 40S (WELDED)

REFERENCE DRAWINGS  
 47MA30-11, T-4RU 16  
 NAVCO A-754M  
 2-SI-107-1W  
 2-SI-110-1W



PLANT: SECOYIAH NUCLEAR PLANT  
 P.O. BOX 2000  
 DAISY, TENNESSEE 37379

CHATTANOOGA, TENNESSEE 37401

DATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

NO.	DATE	REVISIONS	BY	CHKD	SUBAPP.
1	11-21-81	ADD WELDS, STAINLESS STEEL	...	...	...
2	10-27-81	ADD WELDS, STAINLESS STEEL	...	...	...
3	1-13-82	CONNECT TO AIR PRESSURE	...	...	...
4	3-5-81	CONNECT CONTINUATION	...	...	...
5	1-21-81	RED CONTINUATION	...	...	...
6	1-14-81	RED, LINES, AND DIRECTED RED	...	...	...

TRANSMISSION VALLEY AUTHORITY  
 DIVISION OF NUCLEAR POWER

SECOYIAH NUCLEAR PLANT  
 UNIT #2

SAFETY INJECTION SYSTEM

SCALE: 1" = 10' (AS SHOWN)

DATE: 11-21-81

BY: EDC

CHKD: JHB

NO. 65-0002-C 11

1.11  
 PIPE  
 STNL. STL. SEAML. - ASTM TP-304  
 6" SCH. 160  
 STNL. STL. SEAML. - ASTM TP-304  
 3" SCH. 160  
 2 1/2" SCH. 160  
 FITTINGS  
 STNL. STL. SEAML. - ASTM A-403 WP-304  
 6" SCH. 160  
 STNL. STL. SEAML. - ASTM A-403 WP-304  
 3" SCH. 160  
 2 1/2" SCH. 160

OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP P.O. BOX 2000  
 1101 MARKET STREET DAISY, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401

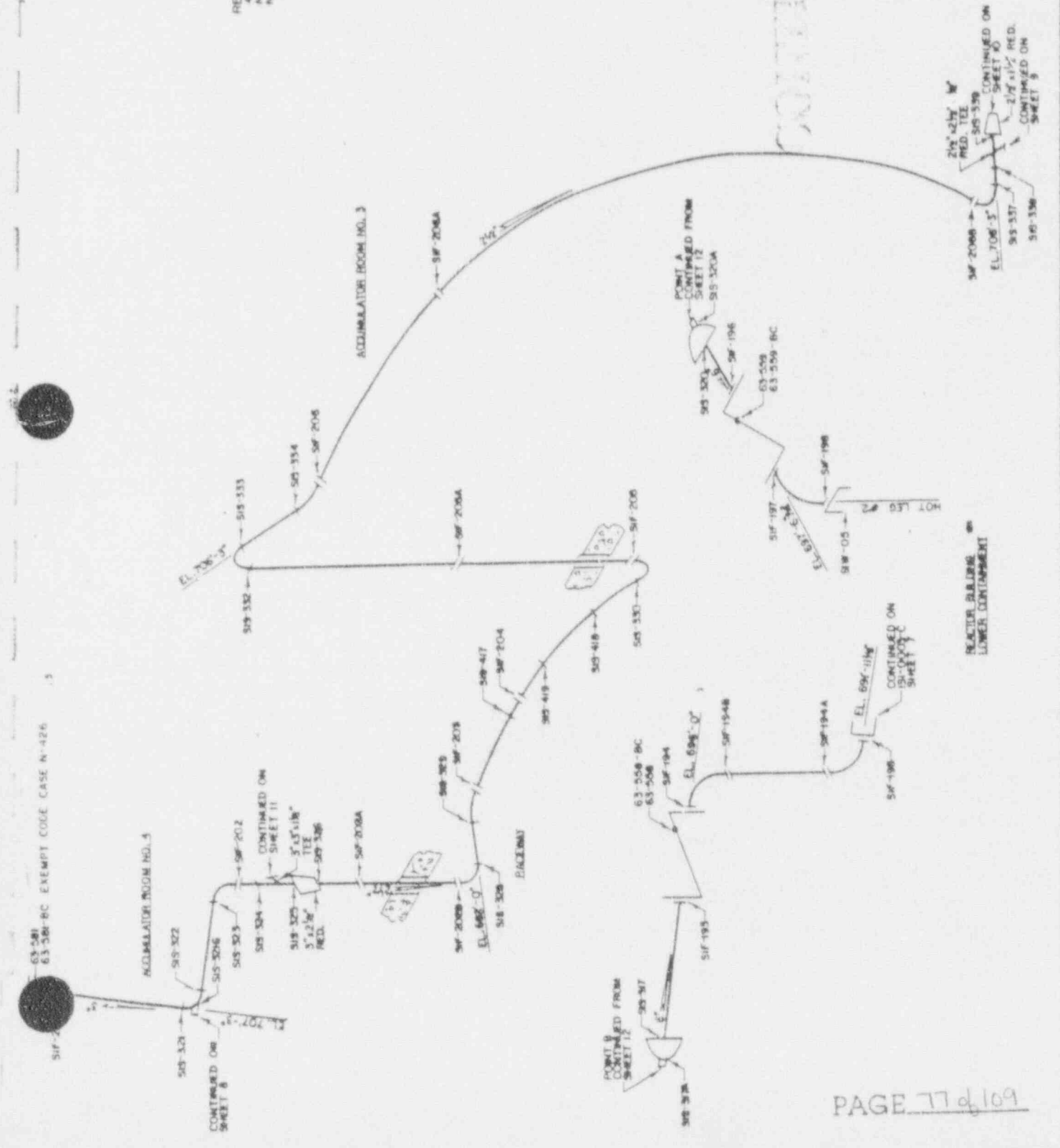
UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

REFERENCE DRAWINGS  
 479430-11 THRU 16  
 NAVCO A-7542  
 NAVCO A-7543

NO.	DATE	REVISIONS	BY	CHKD
1	1/15/82	ISSUED FOR CONSTRUCTION		
2	1/15/82	REVISED TO SHOW CHANGES TO THE ORIGINAL DESIGN		
3	1/15/82	REVISED TO SHOW CHANGES TO THE ORIGINAL DESIGN		

SEQUOYAH NUCLEAR PLANT UNIT # 2 SAFETY AUTION SYSTEM	DRAWING NO. 479430-11 SHEET NO. 11
--	---------------------------------------



\*\*\*\*\*  
 \* NUTECH TENNESSEE VALLEY AUTHORITY PRISM \*  
 \* SEQUOYAH NUCLEAR POWER PLANT - UNIT 2 \*  
 \* ISI DATA BASE \*  
 \* POST OUTAGE EXAMINATION RESULTS REPORT \*  
 \* EXAM REQUIREMENT : 785-01 CYCLE : 05 \*  
 \* INTERVAL : 01 PERIOD : 7 \*  
 \* PAGE 42 \*  
 \* REVISION 0001 \*  
 \* DATE 06/11/92 \*  
 \*\*\*\*\*

SYSTEM : SIS SAFETY INJECTION SYSTEM - 042  
 ISOMETRIC NUMBER : ISI-0002-C SHEET : 10

FEATURE NUMBER	COMPONENT DESCRIPT.	CATEGORY/ 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-1870-BC	FLBLTG	B-0-2 B7.50	R00004555			VT-1	19920327	PASS	YES			

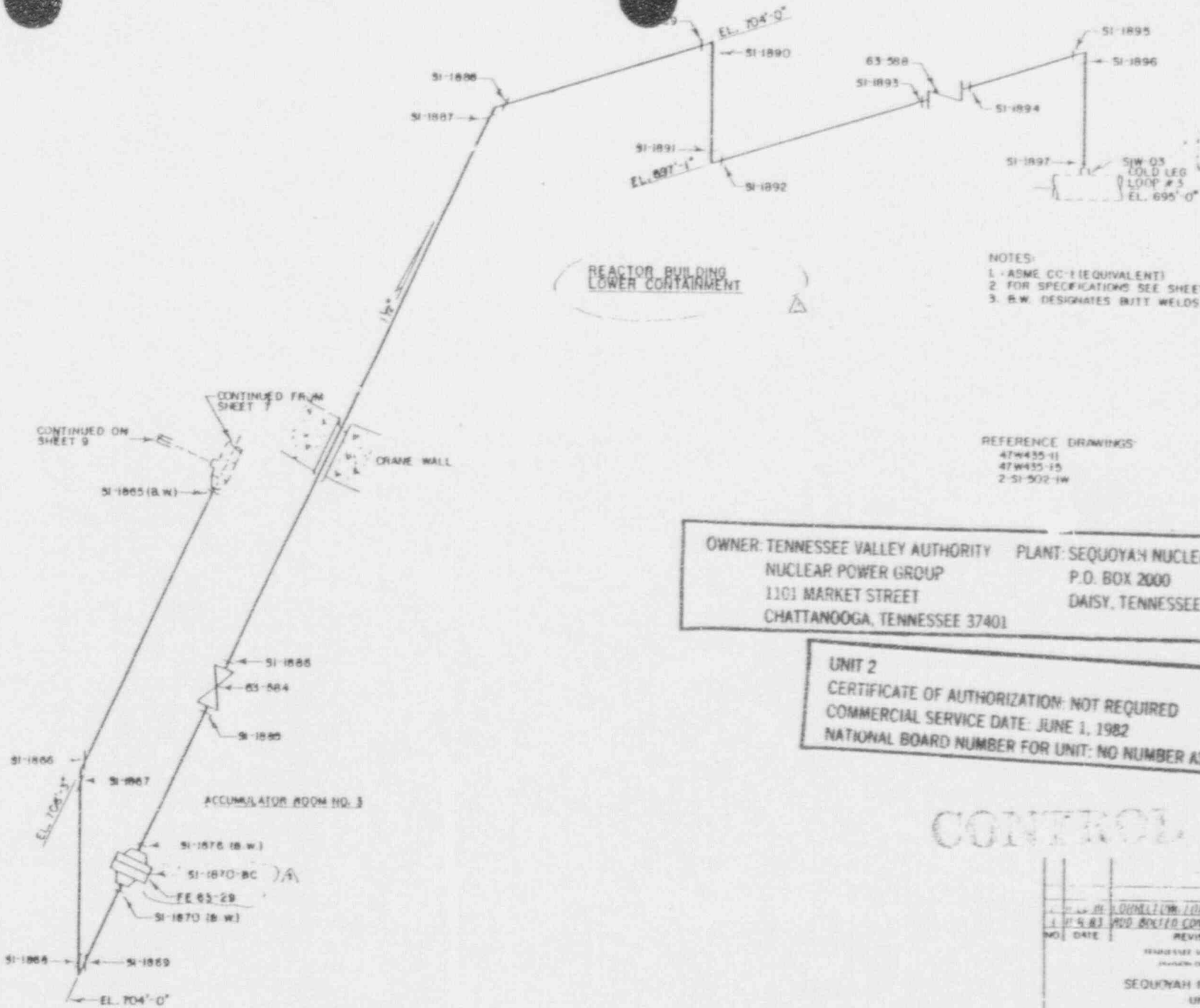
\*\*\*\*\*  
 \* NUTECH TENNESSEE VALLEY AUTHORITY PRISM \*  
 \* SEQUOYAH NUCLEAR POWER PLANT - UNIT 2 \*  
 \* ISI DATA BASE \*  
 \* POST OUTAGE EXAMINATION RESULTS REPORT \*  
 \* EXAM REQUIREMENT : 785-01 CYCLE : 05 \*  
 \* INTERVAL : 01 PERIOD : 3 \*  
 \* PAGE 43 \*  
 \* REVISION 0001 \*  
 \* DATE 06/11/92 \*  
 \*\*\*\*\*

SYSTEM : SIS SAFETY INJECTION SYSTEM - 045  
 ISOMETRIC NUMBER : ISI-0002-C SHEET : 11

FEATURE NUMBER	COMPONENT DESCRIPT.	CATEGORY/ 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-1926-BC	FLBLTG	B-0-2 B7.50	R00004555			VT-1	19920327	PASS	YES			

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP P.O. BOX 2000  
 1101 MARKET STREET DAISY, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401



REACTOR BUILDING  
LOWER CONTAINMENT

- NOTES:
- 1 - ASME CC-1 (EQUIVALENT)
  - 2 - FOR SPECIFICATIONS SEE SHEET 9
  - 3 - B.W. DESIGNATES BUTT WELDS

- REFERENCE DRAWINGS:
- 47W435-11
  - 47W435-15
  - 2-SI-502-1W

OWNER: TENNESSEE VALLEY AUTHORITY    PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP    P.O. BOX 2000  
 1101 MARKET STREET    DAISY, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

CONTROL COPY

PAGE 19 OF 19

NO.	DATE	REVISIONS	SUBJECT
1	11/15/81	ADD BOLTER COMPLETION NO. AND DATE	FE 63-29
TENNESSEE VALLEY AUTHORITY DIVISION OF NUCLEAR POWER SEQUOYAH NUCLEAR PLANT UNIT #2 SAFETY INJECTION SYSTEM			
DESIGNED BY	NTS	CHECKED BY	JAC
DRAWN BY	JAC	APPROVED BY	JAC
SCALE	AS SHOWN	DATE	10/12/81
			ISI-0002-C #2



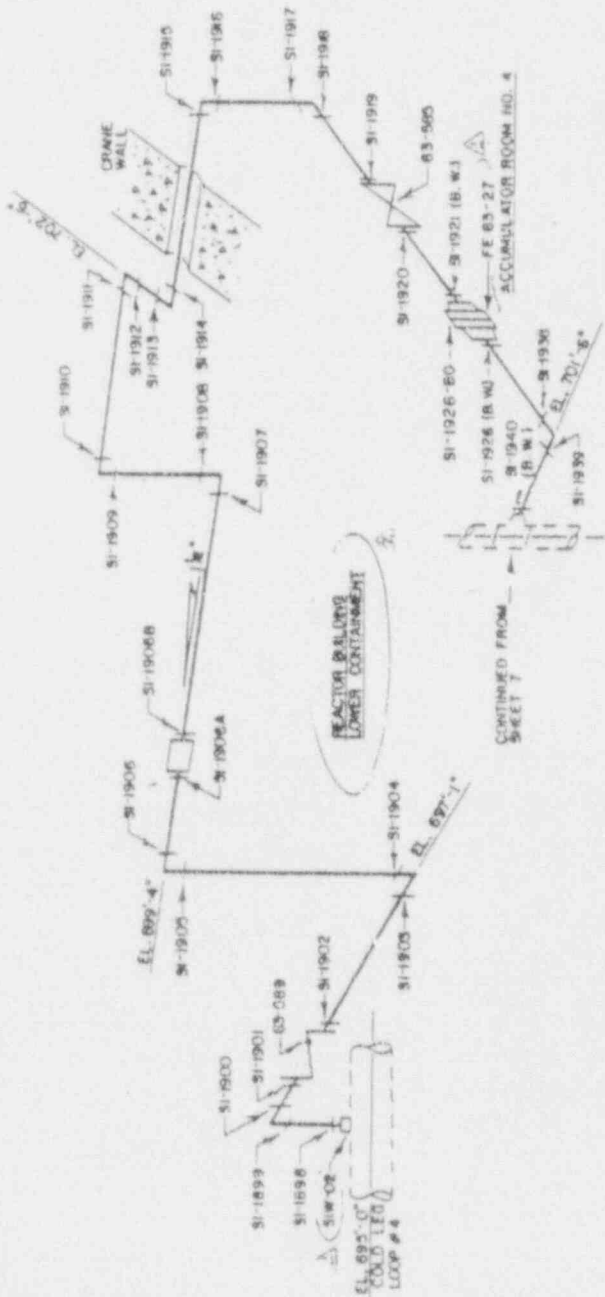
REFERENCE DRAWINGS

- ATM-AS-12
- 2-SI-903-10\*

ASME CC-1 (EQUIVALENT)

NOTES

1. FOR SPECIFICATIONS SEE SHEET 9
2. B.W. DESIGNATES BUTT WELDS



CONTROL COPY

OWNER: TENNESSEE VALLEY AUTHORITY    PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP    P.O. BOX 2000  
 1101 MARKET STREET    DAISY, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE L. E. JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

NO. DATE	REVISIONS	REVISOR
SEQUOYAH NUCLEAR PLANT UNIT #2 SAFETY INJECTION SYSTEM		
TVA SI-0002 C		

OWNER: TENNESSEE VALLEY AUTHORITY      PLANT: SEQUOYAH NUCLEAR PLANT  
NUCLEAR POWER GROUP                      P.O. BOX 2000  
1101 MARKET STREET                      SODDY DAISY, TENNESSEE  
CHATTANOOGA, TENNESSEE 37402-2801      37379

UNIT: TWO                                      CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
COMMERCIAL SERVICE DATE: JUNE 1, 1982  
NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

APPENDIX IV PART B

RE-INSPECTION REPORT OF UNSATISFACTORY EXAMINATIONS

SYSTEM : R01 REACTOR COOLANT #0 J00  
 ISOMETRIC NUMBER : 101-0024-B SHEET : 01

FEATURE NUMBER	COMPONENT DESCRIPTION	CATEGORY/ 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
RCPN-1-2	PMP SUP	B-X-2 B11.20	W92-01200			VT-0	19920409	PASS	YES			
RCPN-1-3	PMP SUP	B-X-2 B11.20	W92-01200			VT-0	19920409	PASS	YES			
RCPN-2-0	PMP SUP	B-X-2 B11.20	W92-01207			VT-0	19920409	PASS	YES			

SYSTEM : S10 SAFETY INJECTION SYSTEM - 003  
 ISOMETRIC NUMBER : 101-0002-C SHEET : 05

FEATURE NUMBER	COMPONENT DESCRIPTION	CATEGORY/ 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
63-000-0C	VALVLTG	B-0-2 B7.70	W92-01450			VT-1	19920405	PASS	YES			

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP P.O. BOX 2000  
 1101 MARKET STREET DAISY, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401

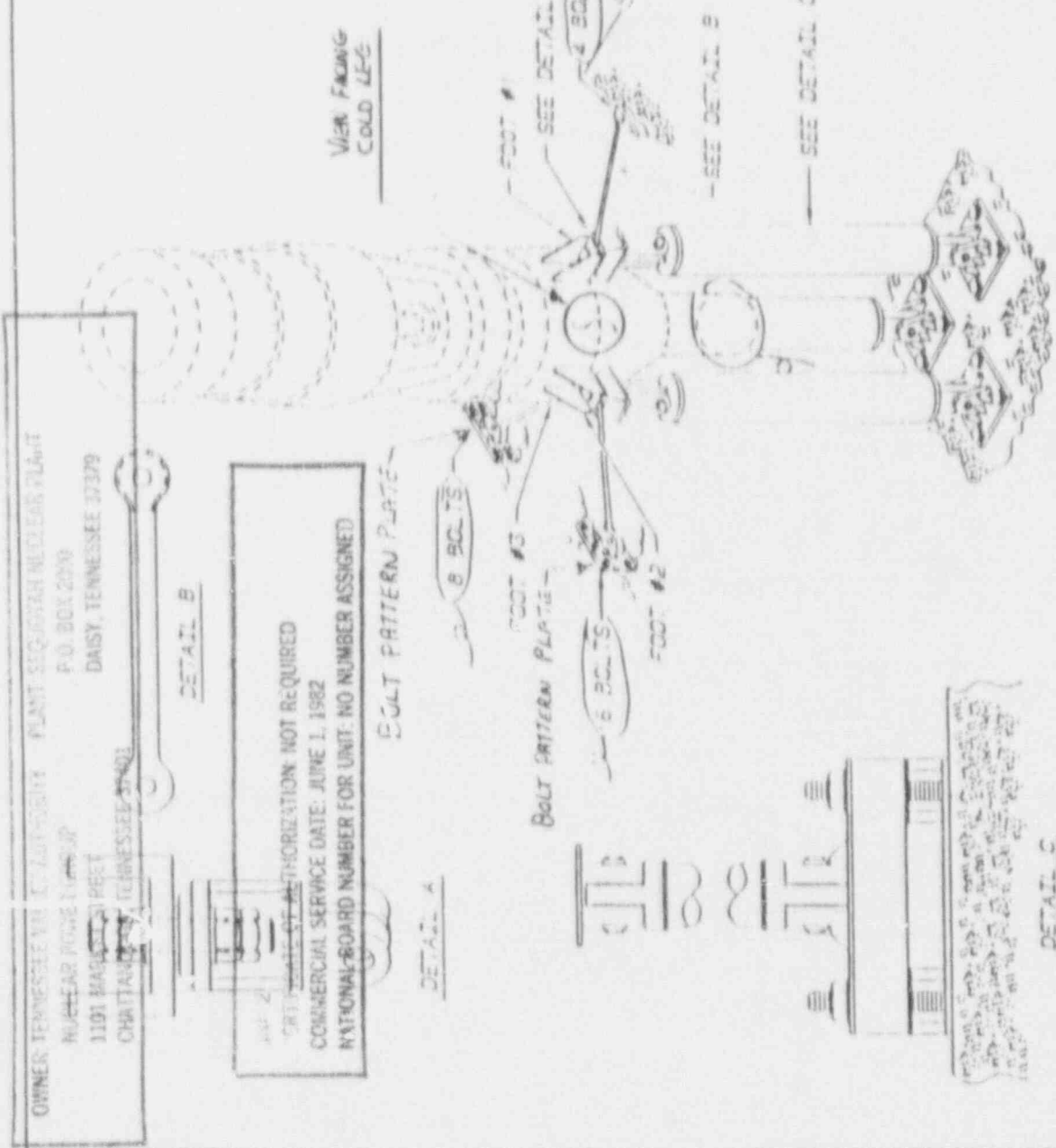
OWNER: TENNESSEE VALLEY AUTHORITY  
 NUCLEAR POWER DIVISION  
 1101 MARKET STREET  
 CHATTANOOGA, TENNESSEE 37403

PLANT: SEQUOIA NUCLEAR PLANT  
 P.O. BOX 2090  
 DAISY, TENNESSEE 37329

REFERENCE DRAWINGS  
 48N421, 48N422, 48N423, 48N425, 48N430

DETAIL B

STATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED



RCP NUMBER	FOOT #1	FOOT #2	FOOT #3
1	4	6	8
2	6	4	8
3	10	4	8
4	NSG	10	NSG

ASME CC-1 (EQUIVALENT)

NUMBER OF BOLTS FULL SHAW BOLT AT THE BOLT PATTERN PLATE

RCPM-2-2A  
 - FOOT #1-3  
 - PUMP #1, 2, 3 & 4

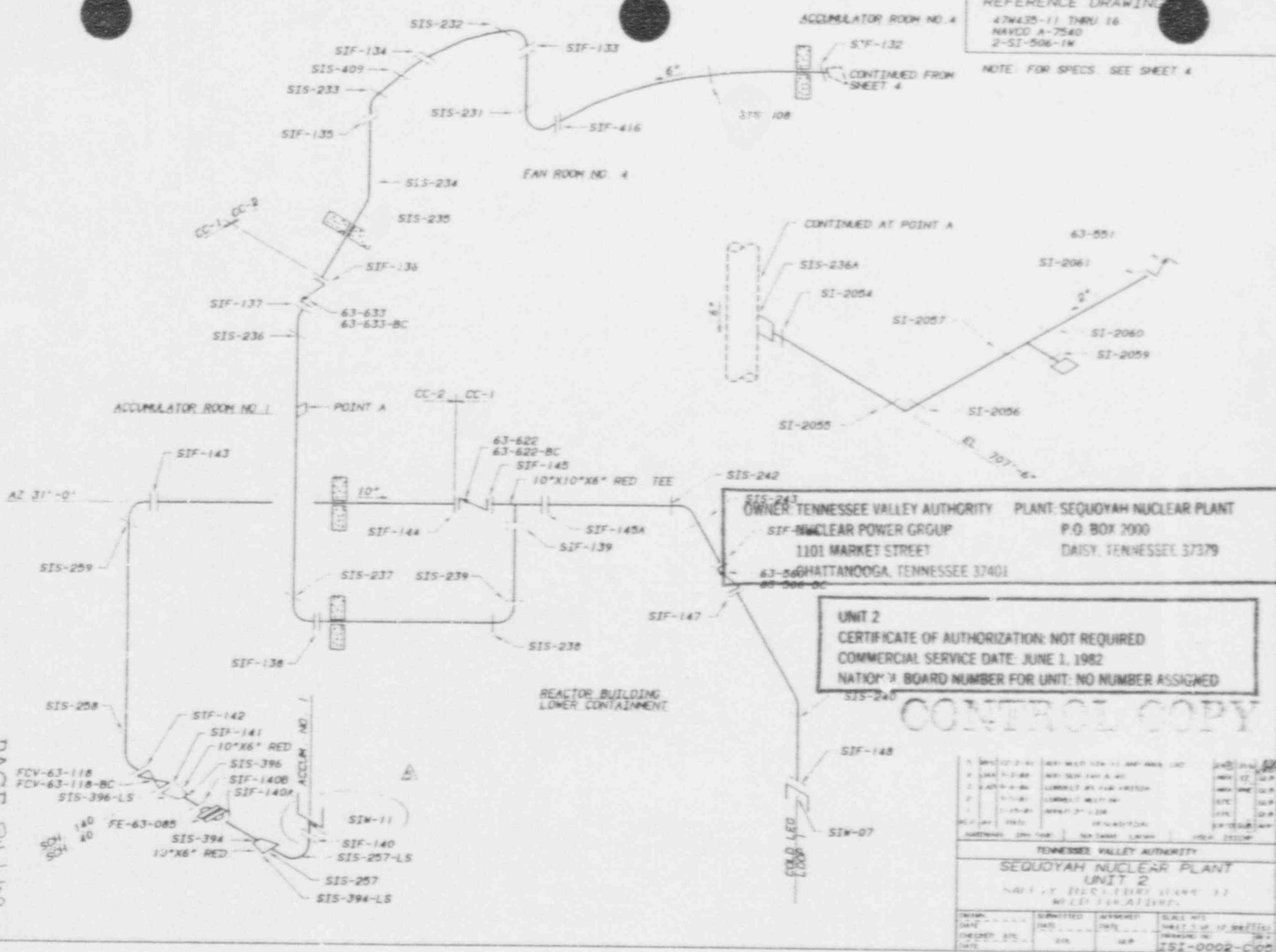
RCPM-2-2  
 - FOOT #1-3  
 - PUMP #1-4

REV.	DATE	DESCRIPTION	BY	CHKD.
1				
2				
3				
4				

UNIT 2  
 REACTOR COOLANT PUMP SUPPORT

DESIGNER: J. W. BROWN  
 DATE: 11-18-82  
 CHECKED: J. W. BROWN  
 DATE: 11-18-82  
 APPROVED: J. W. BROWN  
 DATE: 11-18-82

REFERENCE DRAWING  
 47W435-11 THRU 16  
 NAVED A-7540  
 2-SI-506-1W  
 NOTE: FOR SPECS. SEE SHEET 4



OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP P.O. BOX 2000  
 1101 MARKET STREET DAISY, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

CONTROL COPY

NO.	DATE	BY	REVISION
1	11-18-81	W. J. HARRIS	ISSUED FOR CONSTRUCTION
2	1-15-82	W. J. HARRIS	REVISED TO REFLECT CHANGES
3	1-15-82	W. J. HARRIS	REVISED TO REFLECT CHANGES
4	1-15-82	W. J. HARRIS	REVISED TO REFLECT CHANGES

TENNESSEE VALLEY AUTHORITY			
SEQUOYAH NUCLEAR PLANT			
UNIT 2			
NORTH AVENUE, CHATTANOOGA, TENNESSEE 37401			

SCALE	DATE	DESIGNED BY	CHECKED BY
AS SHOWN	11/18/81	W. J. HARRIS	W. J. HARRIS
APPROVED	DATE	BY	BY
W. J. HARRIS	11/18/81	W. J. HARRIS	W. J. HARRIS

PAGE 21 OF 21

```

*****
*          TENNESSEE VALLEY AUTHORITY          *
*          SEQUOYAH NUCLEAR POWER PLANT UNIT 2 *
*          101 DATA BASE                      *
*          POST OUTAGE EXAMINATION REPORT      *
*          EXAM REQUIREMENT : PAR-01         *
*          CYCLE : 05                          *
*          INTERNAL : 01          PERIOD : 3    *
*          * PAGE : 2                          *
*          * DIVISION : 0001                  *
*          * DATE : 84-11-92                 *
*****
SYSTEM : SIS SAFETY INJECTION SYSTEM SIS
ISOMETRIC NUMBER : 101 0002 0 00001 : 07
*****
FEATURE NUMBER  COMPONENT CATEGORY EXAMINATION  CAL  CAL  EXAM  EXCH  EXAM  SEC  VI  DELET  INDICATION  INDICATION
DESCRIPTION  ITEM NO. REPORT NO. REPORT NO. STD.  UNIT  DATE  RESU  CREDIT  REQSI.  UNIT  RESOLUTION
-----
05 000 00  VALVE 0 0 017 01001  01 1  1982-07  PASS  005
07-20
*****

```

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER: TENNESSEE VALLEY AUTHORITY    PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP                    P.O. BOX 2000  
 1101 MARKET STREET                    DAISY, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401

63-204  
63-204-BC EXEMPT CODE CASE N-426

DATE: 11/15/82

- STLN. STL. SEAML. - ASTM A-182
- 6" SCH. 80
- STLN. STL. SEAML. - ASTM A-182
- 3" SCH. 80
- FITTINGS
- STLN. STL. SEAML. - ASTM A-403 WP-304
- 6" SCH. 80
- STLN. STL. SEAML. - ASTM A-403 WP-304
- 3" SCH. 80
- 2 1/2" SCH. 80

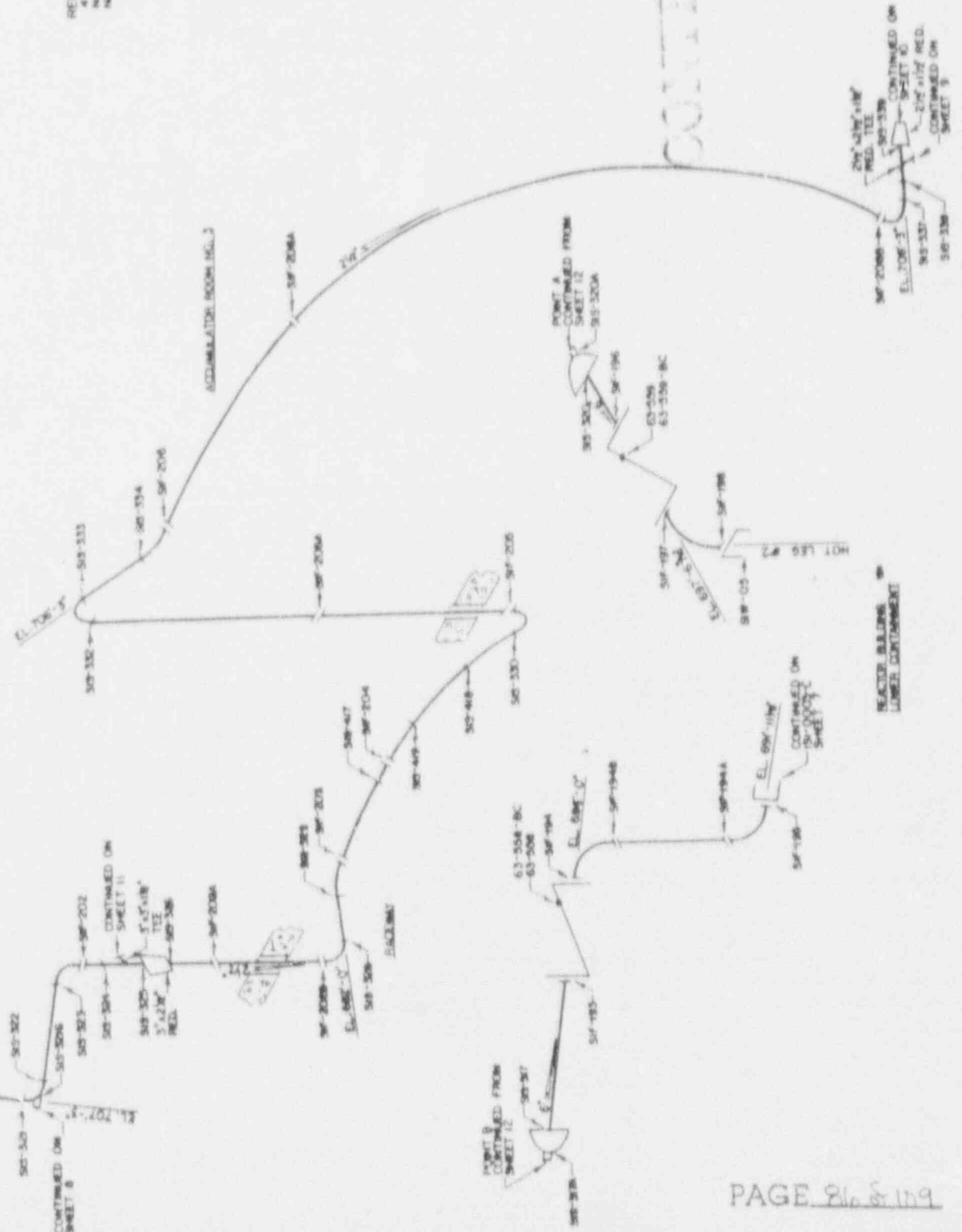
REFERENCE DRAWINGS  
 47MM35-11, THRU 16  
 NAVCO A-7042  
 NAVCO A-7043

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER: TENNESSEE VALLEY AUTHORITY  
 NUCLEAR POWER GROUP  
 1101 MARKET STREET  
 CHATTANOOGA, TENNESSEE 37401

PLANT: SEQUOYAH NUCLEAR PLANT  
 P.O. BOX 2000  
 DAVIS, TENNESSEE 37379

NO.	DATE	REVISIONS	BY
1	11/15/82	ISSUED FOR CONSTRUCTION	...
2	11/15/82	ISSUED FOR CONSTRUCTION	...
3	11/15/82	ISSUED FOR CONSTRUCTION	...
4	11/15/82	ISSUED FOR CONSTRUCTION	...
5	11/15/82	ISSUED FOR CONSTRUCTION	...

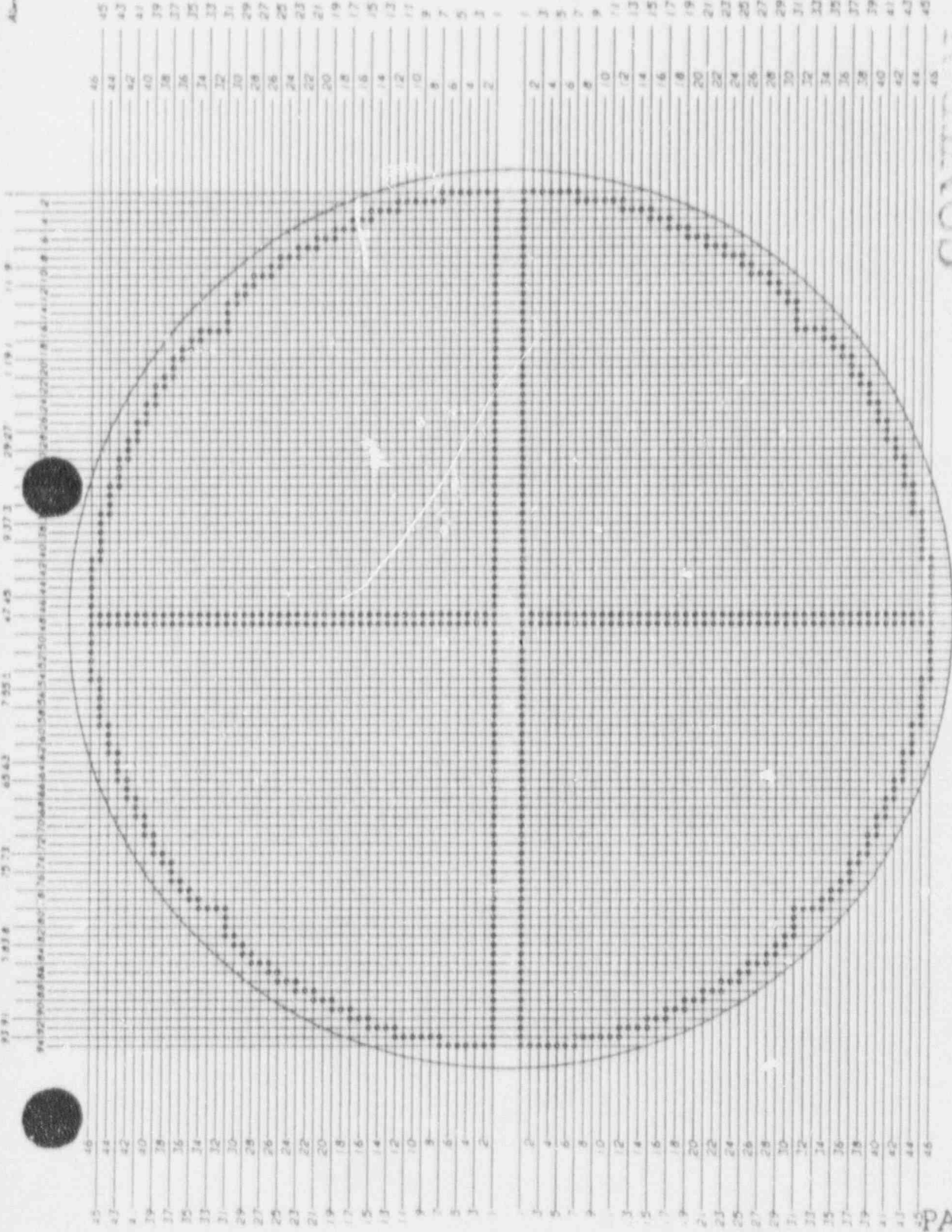


COPY

UNIT 2  
 CERTIFICATE OF AUTHORIZATION NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER: TENNESSEE VALLEY AUTHORITY      PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP                      P.O. BOX 2000  
 1101 MARKET STREET                      DAISY, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401

NO.	DATE	DESCRIPTION	BY
TENNESSEE VALLEY AUTHORITY			
SEQUOYAH NUCLEAR PLANT			
UNIT 2			
STEAM GENERATOR			
TUBE SHEET ARRANGEMENT			
NO.	DATE	DESCRIPTION	BY
1	11-15-80	ISSUED FOR CONSTRUCTION	JAG
2	12-15-80	REVISED PER UNIT 2	JAG
3	1-15-81	REVISED PER UNIT 2	JAG
4	2-15-81	REVISED PER UNIT 2	JAG
5	3-15-81	REVISED PER UNIT 2	JAG
6	4-15-81	REVISED PER UNIT 2	JAG
7	5-15-81	REVISED PER UNIT 2	JAG
8	6-15-81	REVISED PER UNIT 2	JAG
9	7-15-81	REVISED PER UNIT 2	JAG
10	8-15-81	REVISED PER UNIT 2	JAG
11	9-15-81	REVISED PER UNIT 2	JAG
12	10-15-81	REVISED PER UNIT 2	JAG
13	11-15-81	REVISED PER UNIT 2	JAG
14	12-15-81	REVISED PER UNIT 2	JAG
15	1-15-82	REVISED PER UNIT 2	JAG
16	2-15-82	REVISED PER UNIT 2	JAG
17	3-15-82	REVISED PER UNIT 2	JAG
18	4-15-82	REVISED PER UNIT 2	JAG
19	5-15-82	REVISED PER UNIT 2	JAG
20	6-15-82	REVISED PER UNIT 2	JAG
21	7-15-82	REVISED PER UNIT 2	JAG
22	8-15-82	REVISED PER UNIT 2	JAG
23	9-15-82	REVISED PER UNIT 2	JAG
24	10-15-82	REVISED PER UNIT 2	JAG
25	11-15-82	REVISED PER UNIT 2	JAG
26	12-15-82	REVISED PER UNIT 2	JAG
27	1-15-83	REVISED PER UNIT 2	JAG
28	2-15-83	REVISED PER UNIT 2	JAG
29	3-15-83	REVISED PER UNIT 2	JAG
30	4-15-83	REVISED PER UNIT 2	JAG
31	5-15-83	REVISED PER UNIT 2	JAG
32	6-15-83	REVISED PER UNIT 2	JAG
33	7-15-83	REVISED PER UNIT 2	JAG
34	8-15-83	REVISED PER UNIT 2	JAG
35	9-15-83	REVISED PER UNIT 2	JAG
36	10-15-83	REVISED PER UNIT 2	JAG
37	11-15-83	REVISED PER UNIT 2	JAG
38	12-15-83	REVISED PER UNIT 2	JAG
39	1-15-84	REVISED PER UNIT 2	JAG
40	2-15-84	REVISED PER UNIT 2	JAG
41	3-15-84	REVISED PER UNIT 2	JAG
42	4-15-84	REVISED PER UNIT 2	JAG
43	5-15-84	REVISED PER UNIT 2	JAG
44	6-15-84	REVISED PER UNIT 2	JAG
45	7-15-84	REVISED PER UNIT 2	JAG



TUBE SHEET ARRANGEMENT

NOTE: 1. THESE ARE 3,308 U-TUBES PER STEAM GENERATOR MADE OF NI-CR-Fe ALLOY (INCONEL 690) HAVING 0.875 O.D. AND 0.050 AVG WALL THK  
 2. FOR UNIT 1 DWG SEE ISI-0397-C  
 3. THIS DWG REPLACES TMI FOR UNIT 2

Tubes plugged no re-inspection



OWNER: TENNESSEE VALLEY AUTHORITY      PLANT: SEQUOYAH NUCLEAR PLANT  
NUCLEAR POWER GROUP                      P.O. BOX 2000  
1101 MARKET STREET                        SODDY DAISY, TENNESSEE  
CHATTANOOGA, TENNESSEE 37402-2801      37379

UNIT: TWO                                      CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
COMMERCIAL SERVICE DATE: JUNE 1, 1982  
NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

APPENDIX IV PART C  
ADDITIONAL SAMPLE REPORT

<u>REF. KEY</u>	<u>SYS.</u>	<u>NO. COMP.</u>	<u>DESCRIPTION</u>
A01-01	RC Pump	06	First Additional Sample Required By IWB-2430 Code Cat. B-K-2
A08-01	SI	04	First Additional Sample Required By IWB-2430 Code Cat. B-G-2
A17-01	SI	06	Second Additional Sample Required By IWB-2430 Code Cat. B-G-2

\*\*\*\*\*  
 \* NUTECH TENNESSEE VALLEY AUTHORITY PRISM \*  
 \* SEQUOYAH NUCLEAR POWER PLANT - UNIT 2 \*  
 \* 101 DATA BASE \*  
 \* POST OUTAGE EXAMINATION RESULTS REPORT \*\*\*\*\*  
 \* EXAM REQUIREMENT : A81-B1 CYCLE : 85 \*  
 \* INTERVAL : 91 PERIOD : 3 \*  
 \* PAGE : 1 \*  
 \* REVISION : 0001 \*  
 \* DATE : 06/11/92 \*  
 \*\*\*\*\*

SYSTEM : RCP REACTOR COOLANT PUMP - B&B  
 ISOMETRIC NUMBER : 101-0520-B SHEET : 03

FEATURE NUMBER	COMPONENT DESCRIPT.	CATEGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC KI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
RCPN-1-1	RCP SUP	B-K-2 B11.20	R00004551			VT-2	19920329	PASS	YES			
RCPN-1-2	RCP SUP	B-K-2 B11.20	R00004551			VT-2	19920529	FAIL	YES		LOOSE BOLTIN BLTNG TIGHTN	
RCPN-1-3	RCP SUP	B-K-2 B11.20	R00004551			VT-2	19920529	FAIL	YES		LOOSE BOLTIN BLTNG TIGHTN LOCK. W/HS REPLACED	
RCPN-1-1	RCP SUP	B-K-2 B11.20	R00004579			VT-2	19920328	PASS	YES			
RCPN-1-2	RCP SUP	B-K-2 B11.20	R00004579			VT-2	19920528	PASS	YES			
RCPN-1-3	RCP SUP	B-K-2 B11.20	R00004579			VT-2	19920528	PASS	YES			

\*\*\*\*\*  
 \* NUTECH TENNESSEE VALLEY AUTHORITY PRISM \*  
 \* SEQUOYAH NUCLEAR POWER PLANT - UNIT 2 \*  
 \* 101 DATA BASE \*  
 \* POST OUTAGE EXAMINATION RESULTS REPORT \*\*\*\*\*  
 \* EXAM REQUIREMENT : A80-B1 CYCLE : 85 \*  
 \* INTERVAL : 91 PERIOD : 3 \*  
 \* PAGE : 1 \*  
 \* REVISION : 0001 \*  
 \* DATE : 06/11/92 \*  
 \*\*\*\*\*

SYSTEM : S17 SAFETY INJECTION SYSTEM - B&B  
 ISOMETRIC NUMBER : 101-9062-C SHEET : 04

FEATURE NUMBER	COMPONENT DESCRIPT.	CATEGORY/ ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. STD.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC KI CREDIT	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
43-563-00	W/ BLTD	B-D-2 27.70	R00004584			VT-1	19920331	PASS	YES			

Isometric drawing on page 91

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP P.O. BOX 2000  
 1101 MARKET STREET DAISY, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401

REFERENCE DRAWINGS  
 48N421, 48N422, 48N423, 48N426, 48N427

NOTE:

1. REACTOR COOLANT PUMP #2 DOES NOT HAVE ANY WELDED PUMP FEET.
2. THIS DWG. SUPERCEDES ISI-0098-A.

ASME CC-1 (EQUIVALENT)

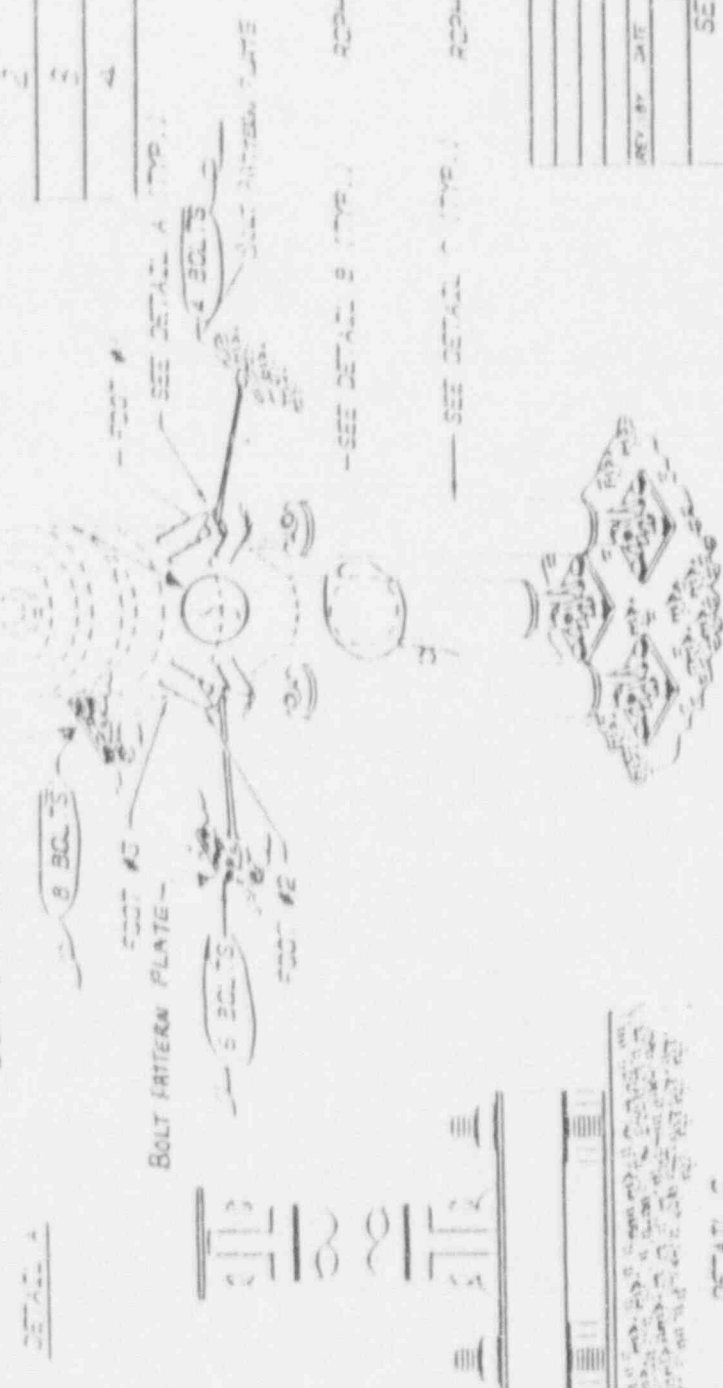
NUMBER OF BOLTS PER PUMP FEET AT THE BOLT PATTERN PLATE

R.C. NUMBER	FOOT #1	FOOT #2	FOOT #3
1	4	1	6
2	6	4	6
3	6	4	6
4	5	1	6

VIEW FACING  
 COLD LEG

OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOIA NUCLEAR PLANT  
 NUCLEAR POWER GROUP P.O. BOX 2770  
 1104 BROADWAY STREET CHATTANOOGA, TENNESSEE 37401  
 DEPT. ALL-B

ISSUED DATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1962  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED  
 BOLT PATTERN PLATE



DETAIL C  
 SECTION THROUGH BOLT AND NUT  
 1/2" DIA. BOLT  
 1/2" DIA. NUT  
 1/2" DIA. WASH. W/ LOCK WASH. W/ LOCK WASH. W/ LOCK W/ LOCK

NO.	1
REVISION	REV. 10/62
DATE	10/62
BY	W.A.
CHECKED	W.A.
APPROVED	W.A.

REV. BY DATE DESCRIPTION OF CHANGE  
 TENNESSEE VALLEY AUTHORITY  
 DIVISION OF NUCLEAR ENGINEERING  
 SEQUOIA NUCLEAR PLANT  
 UNIT 2  
 REACTOR COOLANT PUMP SUPPORT

DRAWING NO. SUBMITTED APPROVED SCALE 0/1  
 DATE 10-1-62 DATE SUBMITTED 10-1-62  
 DRAWN BY W.A. CHECKED BY W.A. APPROVED BY W.A.  
 DATE 10-1-62 DATE 10-1-62 DATE 10-1-62





REFERENCE DRAWING  
4/7435-11 THRU 16  
MAYCO A-7540  
2-SI-506-1W

NOTE: FOR SPECS. SEE SHEET 4

OWNER: TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER GROUP  
1101 MARKET STREET  
CHATTANOOGA, TENNESSEE 37401

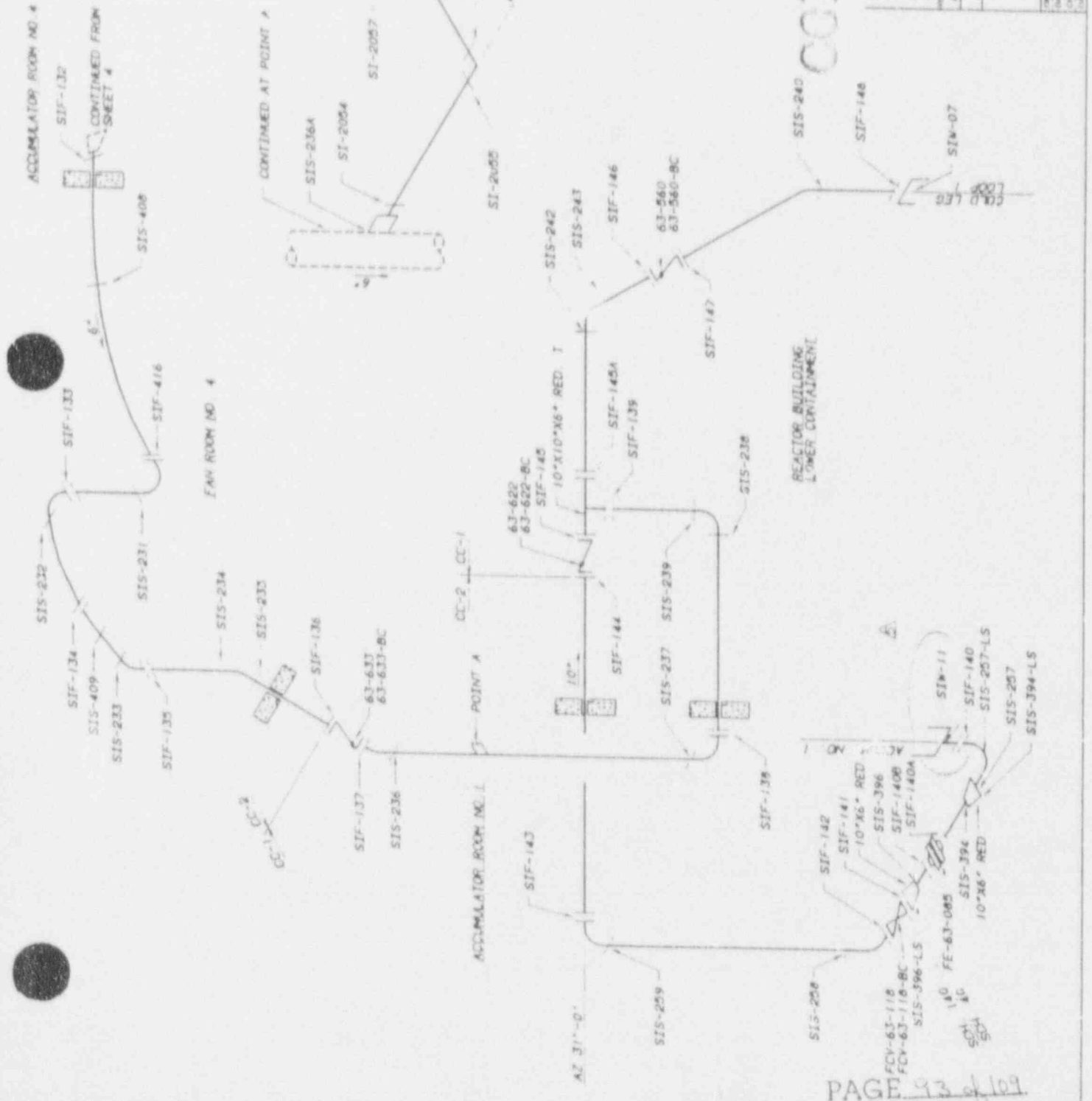
PLANT: SEQUOYAH NUCLEAR PLANT  
P.O. BOX 2000  
DAISY, TENNESSEE 37379

UNIT 2  
CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
COMMERCIAL SERVICE DATE: JUNE 1, 1982  
NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

NO.	DATE	DESCRIPTION	BY	CHKD.
1	11-15-81	ISSUED FOR CONSTRUCTION		
2	11-15-81	REVISIONS		
3	11-15-81	REVISIONS		
4	11-15-81	REVISIONS		
5	11-15-81	REVISIONS		
6	11-15-81	REVISIONS		
7	11-15-81	REVISIONS		
8	11-15-81	REVISIONS		
9	11-15-81	REVISIONS		
10	11-15-81	REVISIONS		

NO.	DATE	DESCRIPTION	BY	CHKD.
1	11-15-81	ISSUED FOR CONSTRUCTION		
2	11-15-81	REVISIONS		
3	11-15-81	REVISIONS		
4	11-15-81	REVISIONS		
5	11-15-81	REVISIONS		
6	11-15-81	REVISIONS		
7	11-15-81	REVISIONS		
8	11-15-81	REVISIONS		
9	11-15-81	REVISIONS		
10	11-15-81	REVISIONS		



```

*****
* SUITECH                               TENNESSEE VALLEY AUTHORITY           *
*                                         SEQUOYAH NUCLEAR POWER PLANT - UNIT 2   *
*                                         ISI DATA PASS                               *
* POST OUTAGE EXAMINATION RESULTS REPORT *
* EXAM REQUIREMENT : A12-81   CYCLE : 05 *
* INTERVAL : 81   PERIOD : 3   *
*                                         *****
*                                         * PAGE          2 *
*                                         * REVISION     0001 *
*                                         * DATE      06/11/92 *
*                                         *
*
SYSTEM : SIS SAFETY INJECTION SYSTEM - 06A
SYSTEMIC NUMBER : 101-0607-2 SWFT / 8A
*****

```

FEATURE NUMBER	COMPONENT DESCRPT.	CATEGORY ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	CAL. SID.	EXAM TYPE	EXAM DATE	EXAM RESULT	SEC XI CREDIT	RELIABILITY REQD.	INDICATION TYPE	INDICATION RESOLUTION
43-541-BC	VALVE	B-0-2 87.79	00000767			VI-1	19920601	PASS	YES			
43-542-BC	VALVE	B-0-2 87.79	W12 A127A			VI-1	19920602	PASS	YES			
43-425-BC	VALVE	B-0-2 87.79	00000768			VI-1	19920601	PASS	YES			
43-426-BC	VALVE	B-0-2 87.79	00000769			VI-1	19920601	PASS	YES			

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER: TENNESSEE VALLEY AUTHORITY    PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP                    P.O. BOX 2000  
 1101 MARKET STREET                    DASY, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401

**SPECIFICATIONS**  
**ASME CC-2 (EQUIPMENT)**  
 PIPE  
 STL. STL. SEAML. - ASTM A-375 TP-316  
 8" SCH. 40  
 6" SCH. 40  
 STL. STL. SEAML. - ASTM A-375 TP-304  
 2" SCH. 40  
 FITTINGS  
 STL. STL. SEAML. - ASTM A-403 TP-316  
 8" SCH. 40  
 6" SCH. 40  
 STL. STL. SEAML. - ASTM A-152 F-304  
 2" 5000 # S.S.  
**ASME CC-2 (EQUIPMENT)**  
 PIPE  
 STL. STL. SEAML. - ASTM A-375 TP-316  
 8" SCH. 40  
 6" SCH. 40 (WELDED)  
 6" SCH. 40  
 FITTING  
 STL. STL. SEAML. - ASTM A-403 TP-316  
 8" SCH. 40  
 6" SCH. 40  
 6" SCH. 40 (WELDED)

**REFERENCE DRAWINGS**  
 470000-S-11 THERU 16  
 NUCVCO A-704  
 2-SI-507-1W  
 2-SI-510-1W  
 ACCUMULATOR ROOM NO. 3

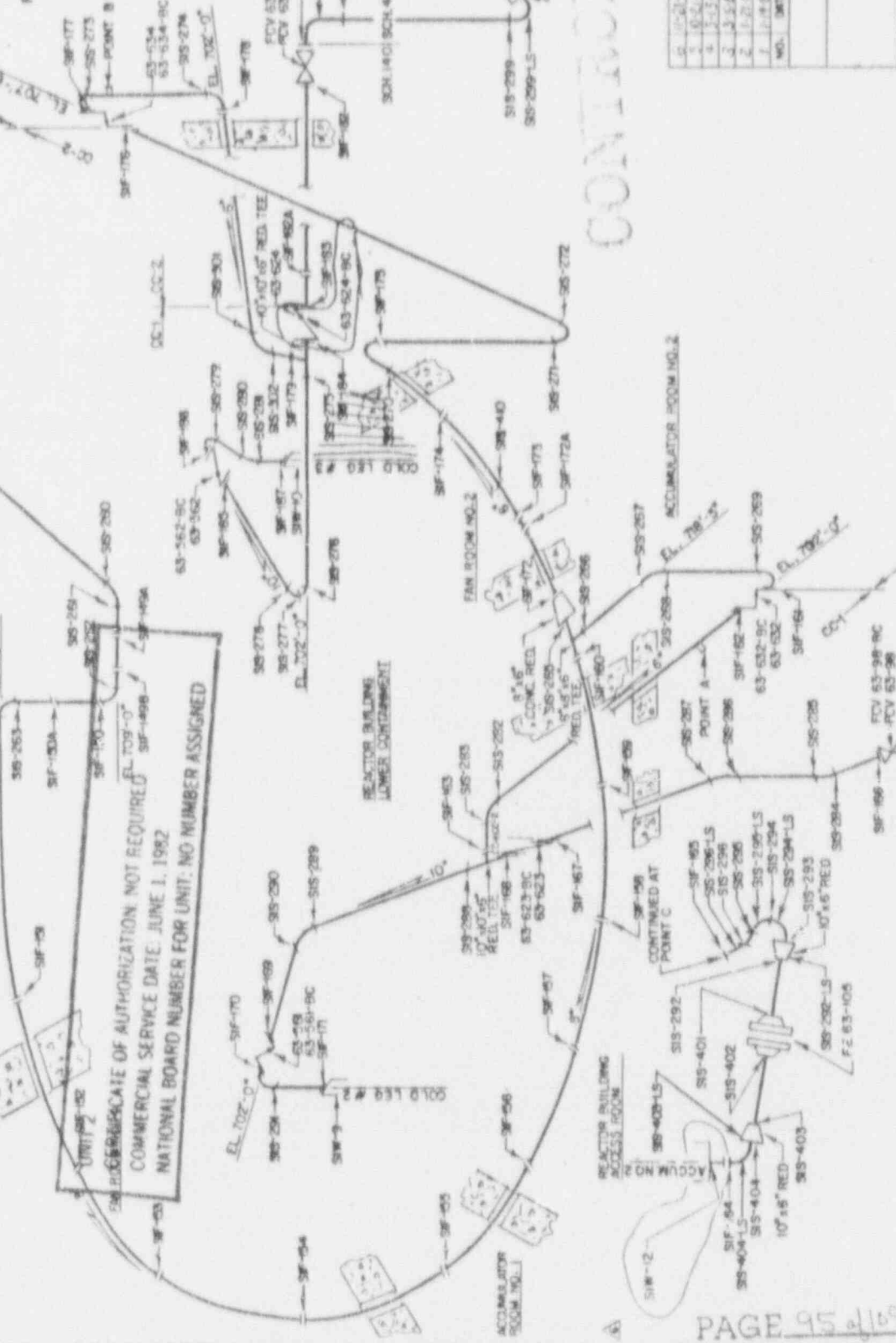
CONTINUED AT POINT B

CONTINUED FROM SHEET 1

CONTINUED AT POINT A

CONTINUED AT POINT C

OWNER: TENNESSEE VALLEY AUTHORITY  
 NUCLEAR POWER GROUP  
 1101 MARKET STREET  
 CHATTANOOGA, TENNESSEE 37310  
 PLANT: SEQUOYAH NUCLEAR PLANT  
 P.O. BOX 2000  
 DUMBY, TENNESSEE 37379  
 REACTOR BUILDING LOWER COMPARTMENT  
 UNIT #2  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED



CONTACT COPY

NO.	DATE	BY	YORKS	CRD	DESCRIPTION
1	10-24-67	W.D.	W.D.	W.D.	W.D.
2	11-15-67	W.D.	W.D.	W.D.	W.D.
3	1-15-68	W.D.	W.D.	W.D.	W.D.
4	3-1-68	W.D.	W.D.	W.D.	W.D.
5	3-1-68	W.D.	W.D.	W.D.	W.D.
6	3-1-68	W.D.	W.D.	W.D.	W.D.
7	3-1-68	W.D.	W.D.	W.D.	W.D.
8	3-1-68	W.D.	W.D.	W.D.	W.D.
9	3-1-68	W.D.	W.D.	W.D.	W.D.
10	3-1-68	W.D.	W.D.	W.D.	W.D.



OWNER: TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER GROUP  
1101 MARKET STREET  
CHATTANOOGA, TENNESSEE 37402-2801

PLANT: SEQUOYAH NUCLEAR PLANT  
P.O. BOX 2000  
SODDY DAISY, TENNESSEE  
37379

UNIT: TWO                      CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
COMMERCIAL SERVICE DATE: JUNE 1, 1982  
NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

APPENDIX IV PART D

SUCCESSIVE EXAMINATIONS

\*\*\*\*\*  
 \* NUCLECH TENNESSEE VALLEY AUTHORITY \*  
 \* SEQUOYAH NUCLEAR POWER PLANT - UNIT 2 \*  
 \* ISI DATA BASE \*  
 \* POST SHUT-DOWN EXAMINATION RESULTS REPORT \*  
 \* EXAM REQUIREMENT : SD2-S1 CYCLE : 05 \*  
 \* INTERVAL : 01 PERIOD : 5 \*  
 \* PAGE : 1 \*  
 \* REVISION : 0001 \*  
 \* DATE : 06/11/92 \*  
 \*\*\*\*\*

\*\*\*\*\*  
 \* SYSTEM : SG RCS STEAM GENERATOR - S10 \*  
 \* ISOMETRIC NUMBER : ISI-S481-C S1011 : 01 \*  
 \*\*\*\*\*

FEATURE NUMBER	COMPONENT	CATEGORY	EXAMINATION	CAL.	EXAM	EXAM	EXAM	EXAM	SEC. XI	INDICATION	INDICATION
DESCRPT.	ITEM NO.	REPORT NO.	REPORT NO.	SID.	TYPE	DATE	RESULT	CREDIT	REQST.	7-7c	RESOLUTION
MSH 1	YES SH	C-P	88006405	100000782	SQ 57	01-05	19920415	PASS	YES		
	YES M02	07-20	88100405	100000088	SQ 07	01-10	19920415	PASS	YES		

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

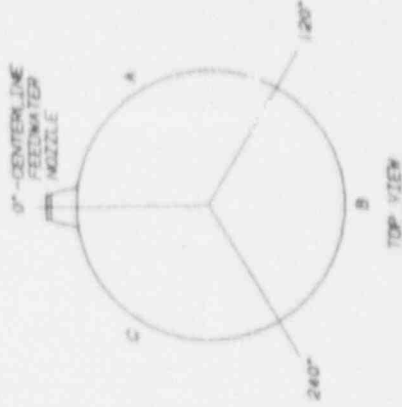
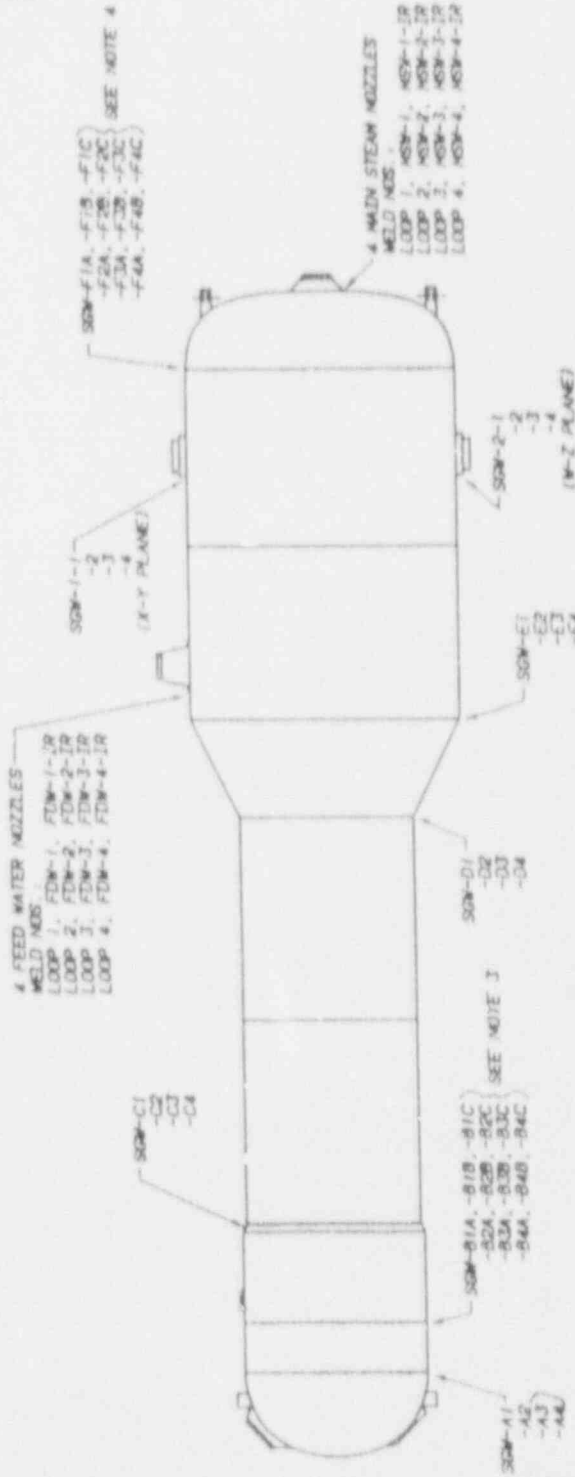
OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP P.O. BOX 2000  
 1101 MARKET STREET DAISY, TENNESSEE 37370  
 CHATTANOOGA, TENNESSEE 37401

REFERENCE DRAWINGS  
 CONTRACT NO. 64660-91934  
 STEAM GEN ANNUAL (FIG 5)  
 ASME CC-1 (EQUIVALENT)  
 ASME CC-2 (EQUIVALENT)



LOOP 1, RC-03-SE  
 LOOP 2, RC-11-SE  
 LOOP 3, RC-19-SE  
 LOOP 4, RC-27-SE

- NOTES:
1. FOR UNIT 1 DWG SEE ISI-0319-C
  2. THIS DWG SUPERSEDES ISI-0320-9
  3. A=0°-12° (0°-120°)  
 B=12°-24° (120°-240°)  
 C=24°-36° (240°-360°)
  4. A=0°-15° (0°-117°)  
 B=15°-30° (117°-235°)  
 C=30°-45° (235°-360°)
  5. STEAM GENERATOR NOZZLE SAFE END TO PIPE WELD JOINTS ARE SHOWN ON RC MAIN LOOP DWG ISI-0008-B. THESE ARE ASME SECTION XI CATEGORY B-J. (I.E., RC-02)
  6. STEAM GENERATOR NOZZLE TO SAFE END WELD JOINTS SHOWN ON THIS DWG ARE ASME SECTION XI EXAM CATEGORY B-F DISSIMILAR METAL WELDS. (I.E., RC-02-SE)



OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP P.O. BOX 2000  
 1101 MARKET STREET DMSY, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

CONTRACT NO. 64660-91934

REVISIONS

NO.	DATE	DESCRIPTION	BY	CHKD

TENNESSEE VALLEY AUTHORITY  
 SEQUOYAH NUCLEAR PLANT  
 UNIT 2  
 STEAM GENERATOR

DATE	TIME	BY	CHKD

```

*****
TENNESSEE VALLEY AUTHORITY                                CRISM
SEQUOYAH NUCLEAR POWER PLANT - UNIT 2
111 DATA BASE
POST OUTAGE EXAMINATION RESULTS REPORT
EXAM REQUIREMENT : SRI-01 CYCLE : 05
INTERVAL : 01 PERIOD : 8
*****
SYSTEM : SIS SAFETY INJECTION SYSTEM - 043
ISOMETRIC NUMBER : MSO-0009-E SHEET : 02
*****
FEATURE NUMBER COMPONENT CATEGORY EXAMINATION CAL CAL EXAM EXAM EXAM SEC W/ RELIEF INDICATION INDICATION
DESCRPT. ITEM NO. REPORT ID, REPORT NO. STD. TYPE DATE RESULT CREDIT REQST. TYPE RESOLUTION
*****
2-014-020-1A INAPPE 0-0-1 000000000 PT 19900204 PASS YES SINT, BOUND ANALYZED, OK
*****

```

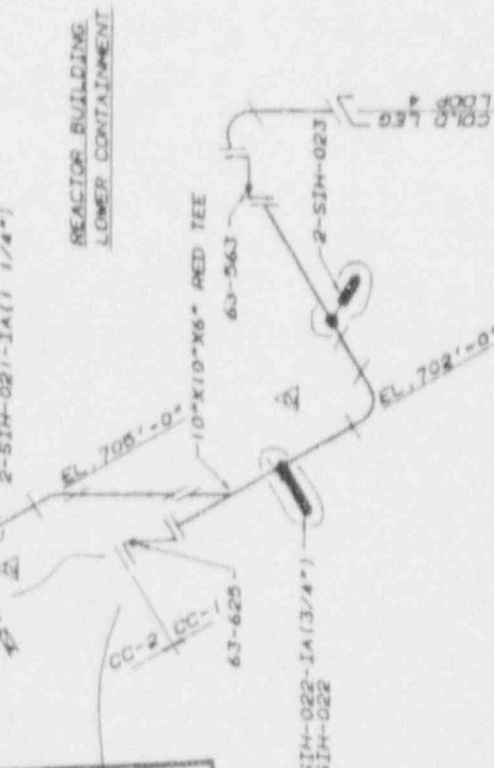
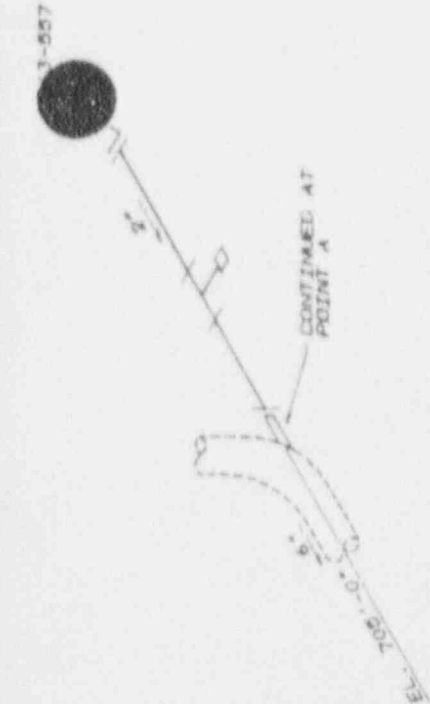
UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP P.O. BOX 2000  
 1101 MARKET STREET DAISY, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401

... DRA... 55  
 47M435 SERIES  
 4-7549  
 2-51-506-1M  
 0600102-09-01

LEGEND  
 ● RIGID SUPPORT  
 ○ MECHANICAL SNUBBER  
 ○ HYDRAULIC SNUBBER  
 ○ RIGID STRUT

ASME CC-1 (EQUIVALENT)  
 ASME CC-2 (EQUIVALENT)



CONTROL COPY

NO.	DATE	DESCRIPTION	BY	CHK	APP
1	1-15-82	ISSUE FOR DESIGN	...	...	...
2	1-15-82	ISSUE FOR CONSTRUCTION	...	...	...

TENESSEE VALLEY AUTHORITY  
 SEQUOYAH NUCLEAR PLANT  
 UNIT 2  
 SAFETY INJECTION SYSTEM  
 SUPPORT LOCATIONS

NO.	DATE	DESCRIPTION	BY	CHK	APP
1	1-15-82	ISSUE FOR DESIGN	...	...	...
2	1-15-82	ISSUE FOR CONSTRUCTION	...	...	...

OWNER: TENNESSEE VALLEY AUTHORITY PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP P.O. BOX 2000  
 1101 MARKET STREET DAISY, TENNESSEE 37379  
 CHATTANOOGA, TENNESSEE 37401

UNIT 2  
 CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NO NUMBER ASSIGNED

OWNER: TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER GROUP  
1101 MARKET STREET  
CHATTANOOGA, TENNESSEE 37402-2801

PLANT: SEQUOYAH NUCLEAR PLANT  
P.O. BOX 2000  
SODDY DAISSY, TENNESSEE  
37379

UNIT: TWO  
COMMERCIAL SERVICE DATE: JUNE 1, 1982  
NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

APPENDIX V

SUMMARY OF STEAM GENERATOR  
TUBING EXAMS

OWNER: TENNESSEE VALLEY AUTHORITY  
 NUCLEAR POWER GROUP  
 1101 MARKET STREET  
 CHATTANOOGA, TENNESSEE 37402-2801

PLANT: SEQUOYAH NUCLEAR PLANT  
 P.O. BOX 2000  
 SODDY DAISY, TENNESSEE  
 37379

UNIT: TWO CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

**SUMMARY OF STEAM GENERATOR EDDY CURRENT EXAMINATIONS**  
 (Unit 2 Cycle 5)

EXAM TYPE	S/GEN.#1	S/GEN.#2	S/GEN.#3	S/GEN.#4
Full-length Bobbin Coil	1,713	1,934	1,418	1,321
Partial-length Bobbin Coil	92	106	57	65
Support Plate MRPC	311	300	214	216
Top-of-Tubesheet MRPC	1,838	3,288	3,292	1,433
U-Bend MRPC	94	94	93	94
<b>TOTAL EXAMS</b>	<b>4,048</b>	<b>5,722</b>	<b>5,074</b>	<b>3,129</b>
<b>TOTAL TUBES EXAM.</b>	<b>2,956</b>	<b>3,288</b>	<b>3,292</b>	<b>2,454</b>

**TUBES WITH INDICATIONS**

Defects ( $\geq 40\%$  Wall Loss)

PWSCC HTS Axial	1	8	8	0
PWSCC HTS Circ.	0	2	0	0
AVB Wear	3	2	1	0
Cold Leg Wastage	0	3	2	2
SCC/IGA TSP	0	1	0	0
OD Indication	0	0	0	0

<b>TOTAL TUBES PLUGGED DURING CYCLE 5</b>	<b>4</b>	<b>16</b>	<b>11</b>	<b>2</b>
---	----------	-----------	-----------	----------

**Note:** All Defective tubes plugged. (Reference Work Request's C-049261, C-049262, C-049263 and C-049264)

Degradation ( $\geq 20\%$  and  $< 40\%$  Wall Loss)

OD Indication	0	1	0	0
AVB WEAR	16	19	5	1
Cold Leg Wastage	1	11	6	3

Imperfections ( $< 20\%$  Wall Loss)

OD Indication	2	2	0	1
AVB wear	3	7	0	3
Cold Leg Wastage	2	7	2	2
Mfg. Imperfection	12	4	4	1

OWNER: TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER GROUP  
1101 MARKET STREET  
CHATTANOOGA, TENNESSEE 37402-2801

PLANT: SEQUOYAH NUCLEAR PLANT  
P.O. BOX 2000  
SODDY DAISY, TENNESSEE  
37379

UNIT: TWO CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
COMMERCIAL SERVICE DATE: JUNE 1, 1982  
NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

	<u>S/GEN.#1</u>	<u>S/GEN.#2</u>	<u>S/GEN.#3</u>	<u>S/GEN.#4</u>
Total No. Tubes Plugged To Present Date	104	119	108	103
ISI Data Report No.	R-4597	R-4598	R-4599	R-4600

NOMENCLATURE FOR SEQUOYAH NUCLEAR PLANT STEAM  
GENERATOR EDDY CURRENT EXAMINATIONS

Notation

Description

HTS Top of Tubesheet - Hot Leg

Reporting Acronyms

AVB	Anti-Vibration Bar
PWSCC	Primary Water Stress Corrosion Cracking
MRPC	Motorized Rotating Pancake Probe
SCC/IGA TSP	Stress Corrosion Cracking/Inner Granular Attack at Tube Support Plate



OWNER: TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER GROUP  
1101 MARKET STREET  
DATTANOOGA, TENNESSEE 37402-2801

PLANT: SEQUOYAH NUCLEAR PLANT  
P.O. BOX 2000  
SODDY DAISY, TENNESSEE  
37379

UNIT: TWO  
COMMERCIAL SERVICE DATE: JUNE 1, 1982  
NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

APPENDIX VI  
SUMMARY OF NOI'S

OWNER: TENNESSEE VALLEY AUTHORITY      PLANT: SEQUOYAH NUCLEAR PLANT  
NUCLEAR POWER GROUP                      P.O. BOX 2000  
1101 MARKET STREET                        SODDY DAISY, TENNESSEE  
CHATTANOOGA, TENNESSEE 37402-2801      37379

UNIT: TWO                                      CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
COMMERCIAL SERVICE DATE: JUNE 1, 1982  
NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

Summary of Notifications:

The Unit 2 cycle 5 Inservice Inspection of Class 1 and 2 components at Sequoyah Nuclear Plant included a total of 8 Notifications of Indications (NOIs) NOI 2-SQ-271 thru 1-SQ-278. The following is a listing of the NOIs and a brief description of each.

OWNER: TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER GROUP  
1101 MARKET STREET  
CHATTANOOGA, TENNESSEE 37402-2801

PLANT: SEQUOYAH NUCLEAR PLANT  
P.O. BOX 2000  
SODDY DAISY, TENNESSEE  
37379

UNIT: TWO CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
COMMERCIAL SERVICE DATE: JUNE 1, 1982  
NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

SUMMARY NOTIFICATION OF INDICATION

NOI NUMBER	COMPONENT ID	DISCREPANCY	WORK INSTRUCTION	RE-EXAM
2-SQ-271	RCPH-2-3	Loose nut & missing washer	C-049558	R-4557
Disposition: Replaced washer and tightened loose nut				
2-SQ-272	63-558-BC	Evidence of leakage	C-081204	W9201581
Disposition: Disassembled and repaired				
2-SQ-273	RCPH-1-2	Loose Nut	C-049559	W9201908
Disposition: Tightened loose nut				
2-SQ-273	RCPH-1-3	Loose Nut	C-049559	W9201908
Disposition: Tightened loose nut				
2-SQ-274	SG-1 TUBING	ET Indication	C-049261	N/A
Disposition: Defective tubes were plugged				
2-SQ-275	63-633-BC	Evidence of leakage	C-074602	W9201458
Disposition: Disassembled and repaired				
2-SQ-276	SG-2 TUBING	ET Indication	C-049262	N/A
Disposition: Defective tubes were plugged				
2-SQ-277	SG-3 TUBING	ET Indication	C-049263	N/A
Disposition: Defective tubes were plugged				
2-SQ-278	SG-4 TUBING	ET Indication	C-049264	N/A
Disposition: Defective tubes were plugged				

OWNER: TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER GROUP  
1101 MARKET STREET  
CHATTANOOGA, TENNESSEE 37402-2801

PLANT: SEQUOYAH NUCLEAR PLANT  
P.O. BOX 2000  
BODDY DAISY, TENNESSEE  
37379

UNIT: TWO  
COMMERCIAL SERVICE DATE: JUNE 1, 1982  
NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

APPENDIX VII

COMPONENTS REQUIRING REQUEST  
FOR RELIEF

OWNER: TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER GROUP  
1101 MARKET STREET  
CHATTANOOGA, TENNESSEE 37402-2801

PLANT: SEQUOYAH NUCLEAR PLANT  
P.O. BOX 2000  
SODDY DAISY, TENNESSEE  
37379

UNIT: TWO                                      CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
COMMERCIAL SERVICE DATE: JUNE 1, 1982  
NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

During the course of unit 2 cycle 5, various welds with examination limitations were identified. The exam limitations are noted in the following attachment. For these welds where code requirements were not achieved and have not been identified with a Request For Relief, a Request For Relief will be submitted to the United States Nuclear Regulatory Commission in accordance with 10 CFR Part 50.55a(g)(5)(iv).

OWNER: TENNESSEE VALLEY AUTHORITY      PLANT: SEQUOYAH NUCLEAR PLANT  
 NUCLEAR POWER GROUP                      P.O. BOX 1000  
 1101 MARKET STREET                      SODDY DALE, TENNESSEE  
 CHATTANOOGA, TENNESSEE 37402-2801      37379

UNIT: TWO                                      CERTIFICATE OF AUTHORIZATION: NOT REQUIRED  
 COMMERCIAL SERVICE DATE: JUNE 1, 1982  
 NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

VOLUMETRIC EXAM LIMITATIONS

<u>COMPONENT ID</u>	<u>CODE CAT</u>	<u>METHOD</u>	<u>% CODE COVERAGE</u>
WELD CVCW-1	B-J	UT 42/50	40%
WELD RCW-13	B-J	UT 45/60	50%

The welds listed below were estimated at 50% Code Coverage under Request For Relief ISJ-3. After examinations were completed it was determined that only 25% coverage was achieved.

WELD RC-19-SE	B-F	UT-45L	25%
WELD RC-26-SE	B-F	UT-45L	25%
WELD RC-27-SE	B-F	UT-45L	25%

OWNER: TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER GROUP  
1101 MARKET STREET  
CHATTANOOGA, TENNESSEE 37402-2591

PLANT: SEQUOYAH NUCLEAR PLANT  
P.O. BOX 2000  
SODDY DAISY, TENNESSEE  
37379

UNIT: TWO  
COMMERCIAL SERVICE DATE: JUNE 1, 1982  
NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

ATTACHMENT 1

## AUGMENTED EXAMINATIONS

OWNER: TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER GROUP  
1101 MARKET STREET  
CHATTANOOGA, TENNESSEE 37402-2801

PLANT: SEQUOYAH NUCLEAR PLANT  
P.O. BOX 2000  
SODDY DAISY, TENNESSEE  
37379

UNIT: TWO  
COMMERCIAL SERVICE DATE: JUNE 1, 1982  
NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

### AUGMENTED EXAMINATIONS

The Augmented Examination of the reactor coolant pump flywheels was performed during the unit 2 cycle 5 outage in accordance with (paragraph 20.3) SI-114.2.

Examination of  
Reactor Coolant  
Pump Flywheels.  
(20.3)

Regulatory Guide  
1.14 and Sequoyah  
Technical Specification.

No reportable  
Indications.



T. ESCOE VALLEY AUTHORITY  
 NUCLEAR POWER PLANT - UNIT 2  
 ISI DATA PAGE  
 POST OUTAGE EXAMINATION REPORTS REPORT  
 EXAM REQUIREMENT : RRI-01 CYCLE : 05  
 INTERVAL : 01 PERIOD : 5

FINISH

\* PAGE 1 \*  
 \* REVISION 0001 \*  
 \* DATE 06/11/92 \*

SYSTEM : RCP REACTOR COOLANT PUMP - 6A  
 ISOMETRIC NUMBER : ISI-6504 B SERIAL : 01

FEATURE NUMBER	COMPONENT DESCRIP.	AIOPRY ITEM NO.	EXAMINATION REPORT NO.	CAL. REPORT NO.	EXAM TYPE	EXAM DATE	EXAM RESULT	CREDI	RELIEF REQST.	INDICATION TYPE	INDICATION RESOLUTION
15-R1P351-SUR	FLYWH	R01.14 FLYWH	R00004600		SI	19920120	PASS	YES			
15-R1P351-VOL	FLYWH	R01.14 FLYWH	R00004606A	C00000570	SI-0	19920125	PASS	YES			
			R00004606A	C00000571	SI-0	19920125	PASS	YES			
			R00004606A	C00000568	SO-46	01-45	19920125	PASS	YES		
			R00004606A	C00000569	SO-41	01-45	19920125	PASS	YES		
			R00004606A	C00000567	SO-46	01-70	19920125	PASS	YES		
			R00004606A	C00000569	SO-61	01-70	19920125	PASS	YES		
15-R1P352-BOREKEY	FLYWH	R01.14 FLYWH	R00004601	C00000569	SO-48	01-0	19920516	PASS	YES		
15-R1P719-BOREKEY	FLYWH	R01.14 FLYWH	R00004482	C00000569	SO-48	01-0	19920516	PASS	YES		
45-R1P351-BOREKEY	FLYWH	R01.14 FLYWH	R00004651	C00000702	SO-48	01-0	19920526	PASS	YES		
45-R1P352-BOREKEY	FLYWH	R01.14 FLYWH	R00004653	C00000709	SO-48	01-0	19920516	PASS	YES		

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

1. Owner TVA - Nuclear Power Group Date 7-16-92  
1101 Market Street Name  
Chattanooga, TN 37402-2801 Address  
 Sheet 1 of 177

2. Plant Sequoyah Nuclear Plant Unit 2  
P. O. Box 2000 Name  
Soddy-Daisy, TN 37379 Address  
See attached NIS-2 Attachments  
 Repair Organization P.O. No., Job No., etc.

3. Work Performed by TVA Type Code Symbol Stamp N/A  
P. O. Box 2000 Name  
Soddy-Daisy, TN 37379 Address  
 Authorization No. N/A  
 Expiration Date N/A

4. Identification of System \_\_\_\_\_
5. (a) Applicable Construction Code \_\_\_\_\_ 19\_\_\_\_ Edition, \_\_\_\_\_ Addenda, \_\_\_\_\_ Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19\_\_\_\_
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)

7. Description of Work \_\_\_\_\_
8. Tests Conducted: Hydrostatic  Pneumatic  Nominal Operating Pressure   
 Other  Pressure \_\_\_\_\_ psi Test Temp. \_\_\_\_\_ °F

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 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 (Back)

9. Remarks See attached NIS-2 Attachments for any applicable manufacturer's  
Applicable Manufacturer's Data Reports to be attached  
Data Reports.

<b>CERTIFICATE OF COMPLIANCE</b>		*Repair and Replacements				
We certify that the statements made in the report are correct and this _____		*				
ASME Code, Section XI.		conforms to the rules of the repair or replacement				
Type Code Symbol Stamp	N/A					
Certificate of Authorization No.	N/A	Expiration Date	N/A			
Signed	<u>Jerry A. Flojo</u>	Site Quality Manager	Date	<u>July 17</u>	19	<u>92</u>
	<small>Owner or Owner's Designee, Title</small>					

<b>CERTIFICATE OF INSERVICE INSPECTION</b>			
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Inspection &amp; Ins. Co.</u> of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>11-22-90</u> to <u>5-17-92</u> , 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.			
Signed	<u>Ernest L. Farrow</u>	Commissions	<u>NB 9853, TN 2480, A., N., I., S. IS.</u>
	<small>Inspector's Signature</small>		<small>National Board, State, Province, and Endorsements</small>
Date	<u>July 17</u>	19	<u>92</u>

OWNER: TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER GROUP  
1101 MARKET STREET  
CHATTANOOGA, TENNESSEE  
37402-2801

PLANT UNIT: 2

OWNER CERTIFICATE OF  
AUTHORIZATION:  
NOT REQUIRED

PLANT: SEQUOYAH NUCLEAR PLANT  
P.O. BOX 2000  
SODDY-DAISY, TENNESSEE  
37379

COMMERCIAL SERVICE  
DATE: JUNE 1, 1982

NATIONAL BOARD  
NUMBER FOR UNIT:  
NOT REQUIRED

---

VOLUME 2

AN INDEX OF THE WORK DOCUMENTS WHICH REQUIRED REPORTING UNDER  
THE INCLUSION OF THE NIS-2 REPORT ARE AS FOLLOWS:

WORK REQUESTS

WORK REQUESTS  
(CONTINUED)

WORKPLANS

A521099	C074524	0000-101
A521100	C074532	M1056-01
C011370	C074602	M01866A-01
C011722	C074706	M1980-01
C012793	C074836	M1982-01
C014441	C074837	M3859-01
C014565	C074838	M4037-01
C014580	C074856	M4039-01
C014595	C074858	M4040-01
C017018	C074865	M05421-01
C017670	C076664	M5421-02
C045949	C077129	M5421-03
C046617	C081204	M6282-02
C046624		M06387A-01
C046625		M06515A-01
C046626		M6663-01
C046851		M7892-01
C046857		M7983-01
C046858		M7983-02
C046896		M8030-01
C049261		M8411-01
C049262		M8427-01
C049263		M8466-01
C049264		
C054305		
C074307		

PREVENTATIVE  
MAINTENANCE  
PACKAGES  
PM 024162001

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 5-18-92  
Sheet Nos. 3 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. PM 024/62001
3. Work Performed by: TVA / SQN Type Code Symbol Stamp NA  
Company  
P.O. Box 2000 Address  
SODDY-DAISY, TN Authorization No. NA  
City and State Expiration Date NA
4. Identification of System: No. 62 Name CHEMICAL VOLUME & CONTROL
- 5A. Applicable Construction Code NA Addenda \* SEE REMARKS Code Case NA 19NA Edition,
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) VALVE 2-62-1060, 2"φ, EX 42D  
ASTM A 351 GR CFB  
LOCATION: AB, EL 693' 6" A 14-0 INLET VALVE TO BORIC ACID FILTER B
- 6B. Name of Manufacturer ITT GRINNEL  
Address of Manufacturer (if known) 225 NORTH FRONT ST, WRIGHTSVILLE, PA
- 6C. Manufacturer's Serial Number NA
- 6D. National Board Number (if applicable) NA
- 6E. Other Identification (subassembly number, heat number etc.) STUD HT#  
8098808; NUT HT# J016017
- 6F. Year Built UNKNOWN Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. REPLACED  
BONNET STUDS AND NUTS
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure NA Other   
Pressure PSI Test Temperature \_\_\_\_\_ °F
9. Remarks CONSTRUCTION CODE: CONTRACT 993A AND WESTINGHOUSE  
E-SPECS 678761 & 676281.
10. SCAR/PER Initiated: Yes  No  -- Number (if yes)
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: W. Lawson Signature ITS/NSSS Organization  
Date 5-20-92  
Date 5-27-92
- ANII: C.E. McNeely  
Date 5-27-92

SITE STANDARD PRACTICE	REPAIR/REPLACEMENT OF ASME SECTION XI COMPONENTS	SSP-13.3 Rev. 0 Page 43 of 52
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APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 4-12-91  
Sheet Nos. 4 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. NR A 521099
3. Work Performed by: TVA/SON Type Code Symbol Stamp NA  
Company  
P.O. Box 2000 Address  
SODDY-DAISY, TN 37379 City and State  
Expiration Date NA  
Authorization No. NA
4. Identification of System: No. 26 Name FIRE PROTECTION
- 5A. Application Construction Code ASME SECTION III, DIV 1, G2 1974 Edition,  
WINTER 76 Addenda Code Case 1567, 1677, 1774
- 5B. Application Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) 2-FCL-26-290, 4"φ  
150# CONTAINMENT ISOLATION VALVE
- 6B. Name of Manufacturer ANCHOR DARLING
- 6C. Address of Manufacturer (if known) 701 FIRST STREET, WILLIAMSPORT, PA, 17701
- 6D. Manufacturer's Serial Number NA
- 6E. National Board Number (if applicable) NA
- 6F. Other Identification (subassembly number, heat number etc.) NA
- 6F. Year Built 1978 Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. TACK WELDED  
YOKE TO BONNET IN 4 PLACES.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI Test Temperature \_\_\_\_\_ °F
9. Remarks SI-166.6
10. CAQR/PER Initiated: Yes  No  -- Number (if yes)
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: [Signature] / TS/ESS Date 4-12-91  
Signature Organization Date 4-15-91  
ANII: [Signature]

SITE STANDARD PRACTICE	REPAIR/REPLACEMENT OF ASME SECTION XI COMPONENTS	SSP-13.3 Rev. 0 Page 43 of 52
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APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER

DATE 4-12-91  
Sheet Nos. 5 of 177  
(filled in by ISI Programs)

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379

UNIT:  0,  1,  2  
WID No. MR A 521100

3. Work Performed by: TVA / SON Type Code Symbol Stamp NA  
Company

P.O. Box 2000 Address  
Soddy Daisy, TN 37379 City and State  
Expiration Date NA

4. Identification of System: No. 26 Name FIREPROTECTION

5A. Application Construction Code ASME SECTION III, Div 1, 42 1974 Edition,  
WINTER 76 Addenda Code Case 1567, 1677, 1774

5B. Application Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda

6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) 2-FLY-26-243, 4"φ,  
150# CONTAINMENT ISOLATION VALVE

6B. Name of Manufacturer ANCHOR DAZLING  
Address of Manufacturer (if known) 701 FIRST STREET, WILLIAMSPORT, PA, 17701

6C. Manufacturer's Serial Number NA

6D. National Board Number (if applicable) NA

6E. Other Identification (subassembly number, heat number etc.) NA

6F. Year Built 1978 Code Class 1  2

6G. Repaired  Replaced  Replacement

6H. ASME Code Stamped YES  NO

7. Brief Description of Repair or Replacement Work Performed. TACK WELDED  
YORK TO BONNET IN 4 PLACES

8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI Test Temperature \_\_\_\_\_ °F

9. Remarks SI-166.6

10. CAQR/PER Initiated: Yes  No  -- Number (if yes)

11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: [Signature] / [Signature] Date 4-12-91  
Signature Organization Date 4-15-91

ANII: [Signature] Date 4-15-91

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 6-25-92  
Sheet Nos. 6 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WR 0011370
3. Work Performed by: TVA/SON Type Code Symbol Stamp NA  
Company  
P.O. Box 2000 Address Authorization No. NA  
SODDY-DAISY, TN 37379 City and State Expiration Date NA
4. Identification of System: No. 01 Name MAIN STEAM
- 5A. Applicable Construction Code ASME PUMP & VALVE DRAFT 1968 Edition,  
NA Addenda Code Case NA
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) STEAM GENERATOR #1 PRESSURE  
OPERATED RELIEF VALVE 2-PCV-1-5, 8" 4, 600\* LOCATION: WEST VALVE ROOM
- 6B. Name of Manufacturer COPELAND VULCAN  
Address of Manufacturer (if known) P.O. BOX 577, LAKE CITY, PA 16423-0577
- 6C. Manufacturer's Serial Number NA
- 6D. National Board Number (if applicable) NA
- 6E. Other Identification (subassembly number, heat number etc.) STEAM # 25114  
NUT HT# 15879 COVER HT# 802 P40520
- 6F. Year Built UNKNOWN Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. REPLACED  
BOTTOM FLANGE COVER AND THE COVER STUDS AND NUTS.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI Test Temperature \_\_\_\_\_ °F
9. Remarks OTHER TESTS: 51-166.6
10. SCAR/PER Initiated: Yes  No  Number (if yes) \_\_\_\_\_
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: [Signature] Signature ITS/NSSS Organization Date 6-25-92  
ANII: [Signature] Date 6/26/92



APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 7-13-92  
Sheet Nos. 7 of 177  
(filled in by ISI Programs)

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. W12C011722

3. Work Performed by: TVA/SON Company Type Code Symbol Stamp NA  
P.O. Box 2000 Address Authorization No. NA  
SODDY-DAISY, TN 37379 City and State Expiration Date NA

4. Identification of System: No. 62 Name CHEMICAL VOLUME & CONTROL

5A. Applicable Construction Code SEE REMARKS 19NA Edition,  
NA Addenda Code Case NA

5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda

6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) BOILER ACID PUMP (TRANSFER)  
2B-B DISCHARGE CHECK VALVE 2-62 -1052A, 2"φ, 1500#  
LOCATION: AB EL690 COLUMN A13&R

6B. Name of Manufacturer ROCKWELL-EDWARDS  
Address of Manufacturer (if known) 1900 S. SAUNDERS ST, RALEIGH, NC 27602

6C. Manufacturer's Serial Number NA

6D. National Board Number (if applicable) NA

6E. Other Identification (subassembly number, heat number etc.) NA

6F. Year Built UNKNOWN Code Class 1  2

6G. Repaired  Replaced  Replacement

6H. ASME Code Stamped YES  NO

7. Brief Description of Repair or Replacement Work Performed. PERFORMED  
REPAIR WELD BY BROWLIDING CANOPY SEAL WELD AFTER  
MAINTENANCE ACTIVITIES.

8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure PSI Test Temperature °F

9. Remarks CONSTRUCTION CODE: CONTRACT # 91934 AND WESTINGHOUSE  
E-SPEC 677264 & 678769. REV 7-13-92  
OTHER TESTS: SI-304.1 & SI-304.2 3.9.2; ALSO VERIFIED NO  
LEAKAGE WITH SYSTEM IN SERVICE

10. SCAR/PER Initiated: Yes  No  -- Number (if yes) SPER920253

11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: E.A. Jarred Signature Organization TS/NSSS Date 7-13-92  
Date 7/14/92

ANII: E.A. Jarred Date 7/14/92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER

DATE 6-23-92  
Sheet Nos. 8 of 177  
(filled in by ISI Programs)

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379

UNIT:  0,  1,  2  
WID No. WR-CO12793

3. Work Performed by: TVA / SCM Type Code Symbol Stamp NA  
P.O. Box 2000 Company  
Address SODDY-DAISY, TN 37379 Authorization No. NA  
City and State 37379 Expiration Date NA

4. Identification of System: No. 03 Name FEEDWATER

5A. Application Construction Code ASME DRAFT FOR PUMPS & VALVES 1965 Edition,  
NA Addenda Code Case NA

5B. Application Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda

6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) FEEDWATER LOOP 2 CHECK  
VALVE 2-3-509, 16", 600# LOCATION: EAST VALVE ROOM, EL 706

6B. Name of Manufacturer WALWORTH

6C. Address of Manufacturer (if known) NA

6D. Manufacturer's Serial Number NA

6E. National Board Number (if applicable) NA

6F. Other Identification (subassembly number, heat number etc.) NA

6F. Year Built UNKNOWN Code Class 1  2

6G. Repaired  Replaced  Replacement

6H. ASME Code Stamped YES  NO

7. Brief Description of Repair or Replacement Work Performed. REPAIRED THE  
HINGE PIN PUG SEAL WELD BY WELDING.

8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure PSI Test Temperature      °F

9. Remarks OTHER TEST: SI-106.31

10. CAQR/PER Initiated: Yes  No  -- Number (if yes)     

11. Applicable Manufacturers Data Report to be attached: Yes  No

Prepared By: [Signature] Signature Organization TS/NSSS Date 6-23-92  
ANII: [Signature] Signature Organization      Date 6/24/92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 5-15-92  
Sheet Nos. 100 19 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. CO14441 STEP 3 AND 4  
WO 91-03405-00 STEP 3 AND 4
3. Work Performed by: TVA Company  
SEQUOYAH NUCLEAR PLANT Address  
DAISEY TN City and State  
Type Code Symbol Stamp  
Authorization No. N/A  
Expiration Date
4. Identification of System: No. 6B Name HEAD VENT HANGER (RCS)  
5A. Applicable Construction Code ASME-B31.7 19 69 Edition,  
1970 Addenda SUMMER Code Case
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) HGR 47A465-2-10  
PC #2 ANGLE 2X2X1/4 LOCATED IN CAVITY AREA. WELDED  
& REPAIRED.
- 6B. Name of Manufacturer N/A  
Address of Manufacturer (if known)
- 6C. Manufacturer's Serial Number N/A
- 6D. National Board Number (if applicable) N/A
- 6E. Other Identification (subassembly number, heat number etc.) PC # 2 OF  
HGR 47A465-2-10
- 6F. Year Built 1984 Code Class 1X  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. WELDED HGR  
BOLE HOLES & REPAIRED
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other  N-VT-2  
Pressure \_\_\_\_\_ PSI Test Temperature \_\_\_\_\_ °F
9. Remarks HANGER 47A465-2-10 WAS BUILT CODE CLASS 2 BUT IS CONSIDERED  
CODE CLASS 1 IN TVA ISI PROGRAM.
10. SCAR/PER Initiated: Yes  No  -- Number (if yes)
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Z. A. Glan Signature 1 OUTAGE SUPPORT Organization  
Date 5/15/92  
ANII: C. McElderry Date 5-20-92  
0296P/dar

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER

DATE 4-28-92  
Sheet Nos. 10 of 177  
(filled in by ISI Programs)

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379

UNIT:  0,  1,  2  
WID No. WB # 0014565

3. Work Performed by: TVA Type Code Symbol Stamp N/A  
Company SEQUOYAH NUCLEAR PLANT - P.O. Box 2000 Authorization No. N/A  
Address SODDY-DAISY TN 37379 Expiration Date N/A  
City and State

4. Identification of System: No. 003 Name MAIN FEEDWATER

5A. Applicable Construction Code ANSI B31.7 19 69 Edition.  
SUMMER 1970 Addenda Code Case N-416

5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda

6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) 16" Ø FEEDWATER SUPPLY  
PIPING TO STEAM GENERATOR #1

6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SEQUOYAH NUCLEAR PLANT SODDY-DAISY, TN

6C. Manufacturer's Serial Number N/A

6D. National Board Number (if applicable) N/A

6E. Other Identification (subassembly number, heat number etc.)  
TRANSITION PIECE TP-1 (HT # MV-4952) - 90° ELBOW (HT # F103H)

6F. Year Built UNKNOWN Code Class 1  2

6G. Repaired  Replaced  Replacement

6H. ASME Code Stamped YES  NO

7. Brief Description of Repair or Replacement Work Performed. REPLACED EXISTING  
TRANSITION PIECE AND ELBOW WITH NEW TRANSITION PIECE &  
ELBOW

8. Tests Conducted: Hydrostatic  NRC Docket 50-328 Pneumatic   
Nominal Operating Pressure  Other   
Pressure PSI Test Temperature °F

9. Remarks \* FORGING USED FOR TRANSITION PIECE UPGRADED FROM ASME  
SECTION III CLASS 2 TO ASME SECTION III CLASS 1 PER TP-1 HT BY  
PERFORMING UT EXAMINATION PER NB-2550 (WB # C07660) HT TO  
NB-2546 AND VISUAL EXAMINATION AFTER MAINTAINING PER N-117

10. SCAR/PER Initiated: yes  No  -- Number (if yes) N/A

11. Applicable Manufacturers Data Report to be attached: Yes  No

Prepared By: Bryan Turner Signature Date 4-29-92  
Organization

ANII: E. A. Torrie Date 7/14/92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER

DATE - 4-29-92  
Sheet Nos. 11 of 177  
(filled in by ISI Programs)

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379

UNIT:  0,  1,  2  
WID No. WR# C014565

3. Work Performed by: TVA Type Code Symbol Stamp N/A <sup>137 4 29</sup>  
Company  
SEQUOYAH NUCLEAR PLANT, P.O. BOX 2000 Authorization No. N/A <sup>137 4 29</sup>  
Address  
SODDY-DAISY, TN 37379 Expiration Date N/A <sup>137 4 29</sup>  
City and State

4. Identification of System: No. 003 Name MAIN FEEDWATER

5A. Applicable Construction Code ASME SECTION III 19 68 Edition,  
NA 203 5-27-92 Addenda Code Case N-416

5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1990, Winter 1981 Addenda

6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) MAIN FEEDWATER  
INLET NOZZLE TO STEAM GENERATOR #1

6B. Name of Manufacturer WESTINGHOUSE ELECTRIC CORP.  
Address of Manufacturer (if known) TAMPA, FL

6C. Manufacturer's Serial Number 1321

6D. National Board Number (if applicable) 68-62

6E. Other Identification (subassembly number, heat number etc.) N/A <sup>137 4 29</sup>

6F. Year Built 1971 Code Class 1  2

6G. Repaired  Replaced  Replacement

6H. ASME Code Stamped YES  NO

7. Brief Description of Repair or Replacement Work Performed. (1) INDICATION  
ON NOZZLE I.D. AND (1) INDICATION ON NOZZLE O.D. REPAIRED BY GRINDING.  
INDICATIONS WERE IDENTIFIED DURING LIQUID PENETRANT EXAMINATION.

8. Tests Conducted: Hydrostatic  NRL Pocket 50-320 Pneumatic   
Nominal Operating Pressure  Other   
Pressure PSI Test Temperature °F

9. Remarks NO WELD REPAIR REQUIRED.

10. SCAR/PER Initiated: Yes  No  -- Number (if yes) N/A <sup>137 4 29</sup>

11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: EBW/MLW MODIFICATIONS Date 4-29-92  
Signature Organization Date 7/14/92

ANII: E.A. Lamm Date 7/14/92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE - 4-29-92  
Sheet Nos. 12 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WR # 0014565
3. Work Performed by: TVA Company Type Code Symbol Stamp N/A <sup>157 3-21</sup>  
SEQUOYAH NUCLEAR PLANT, PO BOX 2000 Address Authorization No. N/A <sup>157 4-29</sup>  
SODDY DAISY TN 37379 City and State Expiration Date N/A <sup>157 4-29</sup>
4. Identification of System: No. 003 Name MAIN FEEDWATER  
5A. Applicable Construction Code ANSI B31.7 19 64 Edition, Addenda Code Case N-416  
SUMMER '70  
5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and Location as needed to aid in identification) 16" FEEDWATER SUPPLY PIPING TO STEAM GENERATOR #1
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SEQUOYAH NUCLEAR PLANT, SODDY DAISY, TN
- 6C. Manufacturer's Serial Number N/A <sup>157 4-29</sup>  
6D. National Board Number (if applicable) N/A <sup>157 4-29</sup>  
6E. Other Identification (subassembly number, heat number etc.) EXISTING RISER PIPING <sup>157 4-29</sup>
- 6F. Year Built UNKNOWN Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. REMOVED (A) LINEAR INDICATIONS FROM ID. OF PIPING BY GRINDING. INDICATIONS WERE IDENTIFIED DURING LIQUID PENETRANT EXAMINATION.
8. Tests Conducted: Hydrostatic  <sup>NRC Docket 50-328</sup> Pneumatic   
Nominal Operating Pressure  Other   
Pressure          PSI Test Temperature          °F
9. Remarks NO WELD REPAIR REQUIRED.
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) N/A <sup>157 8-29-92</sup>
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: ASME MEMBER 1 MODIFICATIONS Date 4-29-92  
Signature E.A. FARRER Organization          Date 7/14/92
- ANII:          Date 7/14/92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 4-28-92  
Sheet Nos. 13 of 177  
(filled in by ISI Programs)
  2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WR# CUIA565
  3. Work Performed by: TVA \*\* Type Code Symbol Stamp N/A <sup>157-428-92</sup>  
Company  
SEQUOYAH NUCLEAR PLANT - P.O. Box 2000 Authorization No. N/A <sup>157-428-92</sup>  
Address  
SODDY-DAISY TN 37379 Expiration Date N/A <sup>157-428-92</sup>  
City and State
  4. Identification of System: No. 003 Name MAIN FEEDWATER
  - 5A. Applicable Construction Code ANSI B31.7 19 69 Edition,  
SUMMER '70 Addenda Code Case N-410
  - 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
  - 5A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) 16" φ FEEDWATER SUPPLY  
PIPING TO STEAM GENERATOR #2
  - 6B. Name of Manufacturer TVA
  - 6C. Address of Manufacturer (if known) SEQUOYAH NUCLEAR PLANT - SODDY-DAISY TN
  - 6D. Manufacturer's Serial Number N/A <sup>157-428-92</sup>
  - 6E. National Board Number (if applicable) N/A <sup>157-428-92</sup>
  - 6E. Other Identification (subassembly number, heat number etc.) TRANSITION PIECE TP-2 (HT# MV-4952\*); 90° ELBOW (HT# DRUBT)
  - 6F. Year Built UNKNOWN Code Class 1  2
  - 6G. Repaired  Replaced  Replacement
  - 6H. ASME Code Stamped YES  NO
  7. Brief Description of Repair or Replacement Work Performed. REPLACED  
EXISTING TRANSITION PIECE AND ELBOW WITH NEW TRANSITION  
PIECE & ELBOW.
  8. Tests Conducted: Hydrostatic  <sup>NAC Docket 50-320</sup> Pneumatic   
Nominal Operating Pressure  Other   
Pressure PSI Test Temperature °F
  9. Remarks \* FORGING USED FOR TRANSITION PIECE UPGRADED FROM ASME  
SECTION III CLASS 2 TO ASME SECTION III CLASS 1 PER TP-1A BY  
PERFORMING UT EXAMINATION PER NB-2550 (WR# C076640) PT  
TO NB-2540 AND VISUAL EXAMINATION AFTER MACHINING PER N-VT-3.
  10. SCAR/PER Initiated: Yes  No  -- Number (if yes) N/A <sup>157-428-92</sup>
  11. Applicable Manufacturers Data Report to be attached: Yes  No
- Prepared By: E.D. JARRELL Signature Organization MODIFICATIONS Date 4-29-92
- ANII: E.D. JARRELL Date 7/14/92

0296P/dar

\*\* WELDING OF REPLACEMENT PARTS PERFORMED BY WELDING SERVICES, INC FOR TVA UNDER CONTRACT #92NLB834260.

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE - 4-29-92  
Sheet Nos. 14 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WC#C014565
3. Work performed by: TVA Type Code Symbol Stamp N/A  
Company  
SEQUOYAH NUCLEAR PLANT, P.O. BOX 2000 Authorization No. N/A  
Address  
SODDY DAISY, TN 37379 Expiration Date N/A  
City and State
4. Identification of System: No. 003 Name MAIN FEEDWATER
- 5A. Applicable Construction Code ANSI B31.7 1969 Edition.  
SUMMER 170 Addenda Code Case N-416
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) 16" Ø FEEDWATER SUPPLY  
PIPING TO STEAM GENERATOR #2
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SEQUOYAH NUCLEAR PLANT, SODDY-DAISY, TN
- 6C. Manufacturer's Serial Number N/A 10/4/92
- 6D. National Board Number (if applicable) N/A 10/4/92
- 6E. Other Identification (subassembly number, heat number, etc.) 16" Ø LONG RADIUS 90° ELBOW (HT. # DR 63T) 10/4/92
- 6F. Year Built UNKNOWN Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. LINEAR INDICATION  
IN FITTING REPAIRED BY GRINDING. FLAW DETECTED DURING  
MAGNETIC PARTICLE EXAMINATION
8. Tests Conducted: Hydrostatic  NRC Pocket 50-320 Pneumatic   
Nominal Operating Pressure  Other   
Pressure PSI Test Temperature °F
9. Remarks NO WELD REPAIR REQUIRED
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) N/A 10/4/92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Bryan WILSON MODIFICATIONS Date 4-29-92  
Signature Bryan Wilson Organization MODIFICATIONS Date 7/14/92
- ANII: Bryan Wilson Date 7/14/92



APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 4-29-92  
Sheet Nos. 15 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. WB # C01A565
3. Work Performed by: TVA Type Code Symbol Stamp N/A <sup>274-29</sup>  
Company SEQUOYAH NUCLEAR PLANT, P.O. BOX 2000 Authorization No. N/A <sup>274-29</sup>  
Address SODDY-DAISY, TN 37379 Expiration Date N/A <sup>274-29</sup>  
City and State
4. Identification of System: No. 003 Name MAIN FEED WATER
- 5A. Applicable Construction Code ASME SECTION III 1968 Edition,  
NA RPT 5-27-92 Addenda Code Case H-416
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) MCN FEED WATER  
INLET NOZZLE TO STEAM GENERATOR # 2
- 6B. Name of Manufacturer WESTINGHOUSE ELECTRIC CORP.  
Address of Manufacturer (if known) TAMPA, FL
- 6C. Manufacturer's Serial Number 1322
- 6D. National Board Number (if applicable) 6B-63
- 6E. Other Identification (subassembly number, heat number etc.) N/A <sup>274-29</sup>
- 6F. Year Built 1971 Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. INDICATIONS  
REMOVED FROM I.D. & O.D. OF NOZZLE BY GRINDING (O.D.) & MACHINING FACE  
OF NOZZLE (I.D.). INDICATIONS IDENTIFIED DURING LIQUID PENETRANT EXAMINATION
8. Tests Conducted: hydrostatic  NRC Docket 60-328 Pneumatic   
Nominal Operating Pressure  Other   
Pressure PSI Test Temperature °F
9. Remarks NO WELD REPAIR REQUIRED.
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) N/A <sup>274-29-92</sup>
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: [Signature] 1 MODIFICATIONS Date 4-29-92  
Signature Organization Date 7-15-92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE - 4-29-92  
Sheet Nos. 10 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. WIZ # 0014565
3. Work Performed by: TVA Type Code Symbol Stamp N/A RS 4-29-92  
Company SEQUOYAH NUCLEAR PLANT, PO Box 2000 Authorization No. N/A RS 4-29-92  
Address SODDY DAISY TN 37379 Expiration Date N/A RS 4-29-92  
City and State
4. Identification of System: No. 003 Name MAIN FEEDWATER
- 5A. Applicable Construction Code ASME SECTION III 1971 Edition,  
NA Reg 5-27-92 Addenda Code Case N-410
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) 16" φ TRANSITION PIECE  
FOR FEEDWATER INLET PIPING TO STEAM GENERATOR # 2.
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SEQUOYAH NUCLEAR PLANT, SODDY-DAISY, TN
- 6C. Manufacturer's Serial Number N/A
- 6D. National Board Number (if applicable) N/A
- 6E. Other Identification (subassembly number, heat number etc.) TRANSITION PIECE TP-2 (HT # MV-1952)
- 6F. Year Built UNKNOWN Code Class  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. REMOVED INDICATIONS  
IDENTIFIED ON INSIDE DIAMETER OF TRANSITIONAL PIECE BY GRINDING.  
INDICATIONS IDENTIFIED DURING LIQUID PENETRANT EXAMINATION.
8. Tests Conducted: Hydrostatic  NRC Doc K&T 50-328 Pneumatic   
Nominal Operating Pressure  Other   
Pressure PSI Test Temperature °F
9. Remarks NO WELD REPAIR REQUIRED
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) N/A RS 4-29-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: E. R. Furrow 1 MODIFICATIONS Date 4-29-92  
Signature Organization Date 7/14/92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 4-28-92  
Sheet Nos. 17 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WR # C01A565
3. Work Performed by: TVA Type Code Symbol Stamp N/A 874-21-1  
Company  
SEQUOYAH NUCLEAR PLANT - P.O. Box 2000 Authorization No. N/A 874-29-91  
Address  
SODDY-DAISY, TN 37379 Expiration Date N/A 874-29-91  
City and State
4. Identification of System: No. 003 Name MAIN FEEDWATER
- 5A. Applicable Construction Code ANSI B31.7 1964 Edition,  
TABU SUMMER '70 Addenda Code Case N-A16
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) 16" Ø FEEDWATER SUPPLY  
PIPING TO STEAM GENERATOR #3
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SEQUOYAH NUCLEAR PLANT, SODDY-DAISY, TN
- 6C. Manufacturer's Serial Number N/A
- 6D. National Board Number (if applicable) N/A 874-1
- 6E. Other Identification (subassembly number, heat number etc.) N/A 874-1  
TRANSITION PIECE TP-3 (HT # MV-4952 \*); 90° ELBOW (HT # DRWET)
- 6F. Year Built UNKNOWN Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. REPLACED EXISTING  
TRANSITION PIECE AND ELBOW WITH NEW TRANSITION PIECE &  
ELBOW.
8. Tests Conducted: Hydrostatic  NRC Docket 50-328 Pneumatic   
Nominal Operating Pressure  Other   
Pressure PSI Test Temperature °F
9. Remarks \* FORGING USED FOR TRANSITION PIECE UPGRADED FROM ASME  
SECTION III CLASS 2 TO ASME SECTION III CLASS 1 PER TI-1AA BY  
PERFORMING UT EXAMINATION PER NB-2550 (NR # C071060), PT TO  
NB-2346 AND VISUAL EXAMINATION AFTER MACHINING PER N-VT-3
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) 50-PER-920129
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: [Signature] Organization MODIFICATIONS Date 4-29-92  
Signature  
Organization

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE - 4-29-92  
Sheet Nos. 18 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WR# C01A365
3. Work Performed by: TVA Company Type Code Symbol Stamp N/A  
SEQUOYAH NUCLEAR PLANT, P.O. BOX 2000 Address Authorization No. N/A  
SODDY DAISY, TN 37379 City and State Expiration Date N/A
4. Identification of System: No. 003 Name MAIN FEEDWATER
- 5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
SUMMER 170 Addenda Code Case N-416
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) 16" Ø FEEDWATER  
SUPPLY PIPING TO STEAM GENERATOR #3
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SEQUOYAH NUCLEAR PLANT, SODDY DAISY, TN
- 6C. Manufacturer's Serial Number N/A
- 6D. National Board Number (if applicable) N/A
- 6E. Other Identification (subassembly number, heat number etc.) EXISTING 16" Ø RISER PIPE
- 6F. Year Built UNKNOWN Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. LINEAR INDICATION  
ON OUTSIDE DIAMETER OF RISER PIPE REPAIRED BY GRINDING  
INDICATION WAS IDENTIFIED DURING LIQUID PENETRANT EXAMINATION.
8. Tests Conducted: Hydrostatic  NRC Docket 50-328 Pneumatic   
Nominal Operating Pressure  Other   
Pressure PSI Test Temperature °F
9. Remarks NO WELD REPAIR REQUIRED.
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) N/A
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Bryan Turner / MODIFICATIONS Signature Organization  
Date 4-29-92  
ANII: E. L. Jarrod Date 7/14/92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 4-26-92  
Sheet Nos. 19 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. WR#C01A565
3. Work Performed by: TVA Type Code Symbol Stamp N/A  
Company SEQUOYAH NUCLEAR PLANT-PO Box 2000 Authorization No. N/A  
Address SODDY DAISY TN 37379 Expiration Date N/A  
City and State
4. Identification of System: No. 003 Name MAIN FEEDWATER
- 5A. Applicable Construction Code ANSI B31.7 19 67 Edition,  
SUMMER '70 Addenda Code Case N-416
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) 16" Ø FEEDWATER SUPPLY  
PIPING TO STEAM GENERATOR #4
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SEQUOYAH NUCLEAR PLANT, SODDY-DAISY, TN
- 6C. Manufacturer's Serial Number N/A
- 6D. National Board Number (if applicable) N/A
- 6E. Other Identification (subassembly number, heat number etc.)  
TRANSITION PIECE TP-A (HT # MV-4952\*); 90° ELBOW (HT # DR6B5)
- 6F. Year Built UNKNOWN Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. REPLACED EXISTING  
TRANSITION PIECE AND ELBOW WITH NEW TRANSITION PIECE &  
ELBOW
8. Tests Conducted: Hydrostatic  NRC docKet 50-328 Pneumatic   
Nominal Operating Pressure  Other   
Pressure          PSI Test Temperature          °F
9. Remarks \*FORGING USED FOR TRANSITION PIECE UPGRADED FROM ASME  
SECTION III CLASS 2 TO ASME SECTION III CLASS 1 PER TE-144 BY  
PERFORMING UT EXAMINATION PER NB-2550 (WR#C076640) PT TO  
NB-2546 AND VISUAL EXAMINATION AFTER MACHINING PER N-VT-3.
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) SC-PER-920141
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: [Signature] Organization MODIFICATIONS Date 4-29-92  
Signature Organization
- ANII: [Signature] Date 7-14-92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE - 4 29 92  
Sheet Nos. 20 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WR # 601A545
3. Work Performed by: TVA Type Code Symbol Stamp N/A  
Company  
SEQUOYAH NUCLEAR PLANT, P.O. BOX 2000 Authorization No. N/A  
Address  
SODDY-DAISY, TN 37379 Expiration Date N/A  
City and State
4. Identification of System: No. 003 Name MAIN FEEDWATER
- 5A. Applicable Construction Code ASME SECTION III 19 II Edition,  
NA Rev 9-21-92 Addenda Code Case N-416
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (include size, capacity, material, and  
Location as needed to aid in identification) 16" φ FEEDWATER SUPPLY  
PIPING TO STEAM GENERATOR #A
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SEQUOYAH NUCLEAR PLANT, SODDY DAISY, TN
- 6C. Manufacturer's Serial Number N/A
- 6D. National Board Number (if applicable) N/A
- 6E. Other Identification (subassembly number, heat number etc.) TRANSITION PIECE TP-4 (HT. # MV-A952)
- 6F. Year Built UNKNOWN Code Class  1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. LINEAR INDICATIONS  
ON INSIDE DIAMETER OF TRANSITION PIECE REPAIRED BY CITIZING.  
INDICATIONS IDENTIFIED DURING LIQUID PENETRANT EXAMINATION.
8. Tests Conducted: Hydrostatic  NRC Docket 50-328 Pneumatic   
Nominal Operating Pressure  Other   
Pressure PSI Test Temperature °F
9. Remarks NO WELD REPAIR REQUIRED.
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) N/A
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: ASME SECTION I MODIFICATIONS Date 4-29-92  
Signature Organization Date 7-15-92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE - 4-29-92  
Sheet Nos. 21 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. INR# C014565
3. Work Performed by: TVA Type Code Symbol Stamp N/A <sup>15/4-92</sup>  
Company  
SEQUOYAH NUCLEAR PLANT, P.O. Box 2000 Authorization No. N/A <sup>15/4-92</sup>  
Address  
SODDY DAISY, TN 37379 Expiration Date N/A <sup>15/4-92</sup>  
City and State
4. Identification of System: No. 003 Name MAIN FEEDWATER
- 5A. Applicable Construction Code ANSI B31.7 19 69 Edition,  
SUMMER '70 Addenda Code Case N-416
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) 16" φ FEEDWATER SUPPLY  
PIPING TO STEAM GENERATOR #4
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SEQUOYAH NUCLEAR PLANT, SODDY DAISY, TN
- 6C. Manufacturer's Serial Number N/A <sup>15/4-92</sup>
- 6D. National Board Number (if applicable) N/A <sup>15/4-92</sup>
- 6E. Other Identification (subassembly number, heat number etc.)  
EXISTING 16" φ RISER PIPING & 90° ELBOW (HT & DRUBT)
- 6F. Year Built UNKNOWN Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. LINEAR INDICATIONS  
IN RISER PIPE & ELBOW REPAIRED BY GRINDING. INDICATIONS  
IDENTIFIED DURING LIQUID PENETRANT & MAGNETIC PARTICLE EXAMINATION
8. Tests Conducted: Hydrostatic  NRC Docket 50-328 Pneumatic   
Nominal Operating Pressure  Other   
Pressure PSI Test Temperature °F
9. Remarks NO WELD REPAIR REQUIRED.
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) N/A <sup>15/4-29-92</sup>
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Edmund J. MODIFICATIONS Date 4-29-92  
Signature Organization Date 7-15-92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 5/12/92  
Sheet Nos. 22 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WR C.014580
3. Work Performed by: TVA Type Code Symbol Stamp N/A per 5/12/92  
Company  
SEQUOYAH NUCLEAR PLANT Authorization No. N/A per 5/12/92  
Address  
DAISY, TN. Expiration Date N/A per 5/12/92  
City and State
4. Identification of System: No. 67 Name ESSENTIAL RAW & COOLING WATER
- 5A. Applicable Construction Code ANSI B31.7 19 69 Edition,  
SUMMER 1970 Addenda Code Case N/A per 5/12/92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) PIPE SUPPORT 47A450-27-39  
FOR 2"  $\phi$  PIPE. ANALYSIS ISO. 47K450-217.
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SQN
- 6C. Manufacturer's Serial Number N/A per 5/12/92
- 6D. National Board Number (if applicable) NA per 5/12/92
- 6E. Other Identification (subassembly number, heat number etc.) P255B-20 UNISTRUT  
CLAMP (ASTM A575), P1008 UNISTRUT SPRINGNUTS (ASTM A675) & 3/8" BOLTS (SAF13)(HT#C7210)
- 6F. Year Built UNKNOWN Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. REPLACED EXISTING CLAMP,  
BOLTS & SPRINGNUTS WITH NEW P255B-20 CLAMP, NEW P1008  
SPRINGNUTS & NEW SAF193 BOLTS.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure N/A Other   
Pressure PSI per 5/12/92 Test Temperature °F
9. Remarks EXISTING CLAMP, BOLTS & SPRINGNUTS HAD  
MINOR CORROSION.
10. SCAR/PER Initiated: Yes  No  Number (if yes) NA REF 5-13-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: J. R. Lane Organization MODS Date 5/12/92  
Signature E. H. Jarmon Date 6/8/92
- ANII: E. H. Jarmon Date 6/8/92



APPENDIX E  
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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379

3. Work Performed by: TVA Company  
SEQUOYAH NUCLEAR PLANT Address  
DAISY, TN. 37379 City and State

4. Identification of System: No. 67 Name ESSENTIAL PAW COOLING WATER

5A. Applicable Construction Code ANSI B31.7 1969 Edition.  
SUMMER 1970 Addenda Code Case N/A per 5/12/92

5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda

6A. Name of Component(s) and Description (Include size, capacity, material, and Location as needed to aid in identification) MPE SUPPORT 47A450-27-45,  
FOR 2"Ø PIPE. ANALYSIS ISOMETRIC 47K450-229.

6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SEQUOYAH NUCLEAR PLANT

6C. Manufacturer's Serial Number N/A per 5/12/92

6D. National Board Number (if applicable) N/A per 5/12/92

6E. Other Identification (subassembly number, heat number etc.) P2558-20 UNISTRUT  
CLAMP (ASTM A575), ASME SA193 GRB7 BOLTS, ASME SA194 NUTS, ASTM F434 WASHER  
RAZ 5-13-92

6F. Year Built UNKNOWN Code Class 1  2

6G. Repaired  Replaced  Replacement

6H. ASME Code Stamped YES  NO

7. Brief Description of Repair or Replacement Work Performed. REPLACED EXISTING CLAMP,  
NUTS & BOLTS WITH NEW P2558-20 CLAMP, NEW SA193 BOLTS, NEW SA194 NUT,  
AND NEW F434 WASHERS - RAZ 5-13-92

8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure N/A Other   
Pressure PSI per 5/12/92 Test Temperature °F

9. Remarks EXISTING CLAMP & BOLTING MATERIAL WERE CORRODED.  
① HT# C66935 . ② HT# 6030315

10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA per 5-13-92

11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: James R. Rose Signature Organization MODS. Date 5/12/92  
ANII: C. S. Metcalfe Signature Date 5-19-92  
0296P/dar

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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379

3. Work Performed by: TVA Company  
Sequoyah Nuclear Plant Address  
Daisy, TN 37379 City and State

4. Identification of System: No. 63 Name Safety Injection

5A. Application Construction Code ANSI B31.7 1969 Edition, Addenda Summer 1970

5B. Application Edition of Section XI Utilized for Repairs or Replacements: NA 12-3-91

6A. Name of Component(s) and Description (Include size, capacity, material, and Location as recorded to aid in identification) Support 47R435-606-22 for 2" pipe, Analysis Isometer 47R435-606-03.

6B. Name of Manufacturer TVA

6C. Address of Manufacturer (if known) SRN

6D. Manufacturer's Serial Number NA 12-3-91

6E. National Board Number (if applicable) NA 12-3-91

6F. Other Identification (subassembly number, heat number etc.) ASTM A675, ASTM A307 GR A bolts, P1008 Spring Nuts

6G. Year Built Unknown Code Class 1  2

6H. Repaired  Replaced  Replacement

6I. ASME Code Stamped YES  NO

7. Brief Description of Repair or Replacement Work Performed. Replaced existing bolts and spring nuts with new A307 bolts and P1008 spring nuts.

8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure NA 12-3-91 Other   
Pressure NA 12-3-91 PSI Test Temperature NA 12-3-91 IF

9. Remarks Existing bolts were found with no manufacturer ID markings and spring nuts were corroded.

10. CAQR/PER Initiated: Yes  No  Number (if yes) \_\_\_\_\_

11. Applicable Manufacturers Data Report to be attached: Yes  No

Prepared By: Roger D. Zandwiler Signature MOPS Date 12-3-91

ANII: O. M. Stead Organization Date 12-27-91

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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 12-3-91  
Sheet Nos. 25 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. WR C014595
3. Work Performed by: TVA Type Code Symbol Stamp NA RAX 12-3-91  
Company  
Sequoyah Nuclear Plant Authorization No. NA RAX 12-3-91  
Address  
Daisy TN 37379 Expiration Date NA RAX 12-3-91  
City and State
4. Identification of System: No. 63 Name Safety Injection
- 5A. Application Construction Code ANSI B31.7 1964 Edition,  
Summer 1970 Addenda Code Case NA RAX 12-3-91
- 5B. Application Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 47B435-606-23  
For 2" φ pipe, Analysis Isometric 47K435-606-03.
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SGN
- 6C. Manufacturer's Serial Number NA RAX 12-3-91
- 6D. National Board Number (if applicable) NA RAX 12-3-91
- 6E. Other Identification (subassembly number, heat number etc.) P1008 Spring Nuts  
(ASTM A675), ASTM A569 washer plates, ASME SA 193 C6 B7 bolts
- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Replaced existing  
spring nuts and bolts with new P1008 spring nuts and SA 193 bolts.  
Installed A569 washer plates.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure PSI Test Temperature ASME 12-3-91 IF
9. Remarks Existing bolts were found w/ no manufacturer's ID,  
spring nuts rusted, and no washer plates or ID tag.
10. CAQR/PER Initiated: Yes  No  -- Number (if yes) \_\_\_\_\_
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Kenneth Lardus 1 MODS Date 12-3-91  
Signature Organization Date 12-27-91
- ANII: C. W. Lardus Date 12-27-91

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379

3. Work Performed by: TVA Company  
SEQUOYAH NUCLEAR PLANT Address  
SODDY, TN City and State

4. Identification of System: No. 87 RT 9/28/91

5A. Application Construction Code 1970 Addenda ANSE B31.7 Name UPPER HEAD INJECTION 1969 Edition, Code Case N/A

5B. Application Edition of Section XI Utilized for Repairs or Replacements: 1980, Winter 1981 Addenda

6A. Name of Component(s) and Description (Include size, capacity, material, and location as needed to aid in identification) 47B435-606-24 LOCATED IN AUX. BLDG AT COLUMNS  
ALL 4 V AT EL. 670'0, 2" φ PIPE

6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SN  
Manufacturer's Serial Number N/A  
National Board Number (if applicable) N/A  
Other Identification (subassembly number, heat number etc.) N/A

6F. Year Built UNKNOWN Code Class 1  2

6G. Repaired  Replaced  Replacement

6H. ASME Code Stamped YES  NO

7. Brief Description of Repair, or Replacement Work Performed. BOLTS AND SPRING NUTS FOR 2" φ PIPE CLAMP MOUNTED  
ON A UNISTEEL CHANNEL

8. Tests Conducted: Hydrostatic  N/A RT 9/28/91 Pneumatic   
Nominal Operating Pressure  Other   
Pressure PSI Test Temperature \_\_\_\_\_

9. Remarks 2" φ PIPE SUPPORT N# 47B435-606-24

10. CAQR/PER Initiated: Yes  No  Number (if yes) \_\_\_\_\_

11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: [Signature] Signature 1 MODS B Organization Date 9/28/91  
ANII: [Signature] Date 12-27-91

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Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 12-3-91  
Sheet Nos. 27 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WR C014575
3. Work Performed by: TVA Type Code Symbol Stamp 1-3 12-3-91  
Company  
Sequoyah Nuclear Plant Authorization No. NA RAX 12-3-91  
Address  
Daisy TN 37379 Expiration Date NA RAX 12-3-91  
City and State
4. Identification of System: No. 63 Name Safety Injection
- 5A. Application Construction Code ANSI B31.7 19 69 Edition,  
Summer 1970 Addenda Code Case NA RAX 12-3-91
- 5B. Application Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 47B435-606-25 for  
2" φ pipe, Analysis Isometric 47B435-606-03.
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SON
- 6C. Manufacturer's Serial Number NA RAX 12-3-91
- 6D. National Box Number (if applicable) NA RAX 12-3-91
- 6E. Other Identification (subassembly number, heat number etc.) P1008 Spring Nuts  
(ASTM A675), ASTM A569 Square Washers, ASME SA193 GR B7 Belts.
- 6F. Year Built Unknown Code Class  1  2
- 6G. Repaired  Replaced  Replacement:
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed: Replaced existing  
spring nuts and belts with new P1008 spring nuts and SA193  
belts. Installed square washers.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI A ROT Test Temperature \_\_\_\_\_ |F  
12-3-91
9. Remarks Belts found with no ID markings by manufacturer,  
spring nuts found corroded.
10. CAQR/PER Initiated: Yes  No  -- Number (if yes)
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Roger A. Landon 1 MOOS Date 12-3-91  
Signature Organization  
ANIT: C. Mitchell Date 12-27-91

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Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 12-3-91  
Sheet Nos. 28 of 177  
(filled in by ISI Program)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WR C014595
3. Work Performed by: TVA Company  
Sequoyah Nuclear Plant Address  
Daisy, TN 37379 City and State  
Type Code Symbol Stamp NA RAJ 12-3-91  
Authorization No. NA RAJ 12-3-91  
Expiration Date NA RAJ 12-3-91
4. Identification of System: No. 03 Name Safety Injection
- 5A. Application Construction Code ANSI B31.7 1969 Edition,  
Summer 1970 Addenda Code Case NA RAJ 12-3-91
- 5B. Application Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 47K435-606-36  
for 2" pipe. Analysis Isometric 47K435-606-03.
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SNJ
- 6C. Manufacturer's Serial Number NA RAJ 12-3-91
- 6D. National Board Number (if applicable) NA RAJ 12-3-91
- 6E. Other Identification (subassembly number, heat number etc.) P1008 Spring Nuts  
(ASTM A675), ASME SA193 GR B bolts - NA RAJ 12-3-91 ASTM A307 GR A bolts.
- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Replaced existing  
spring nuts and bolts with new P1008 spring nuts and A307  
bolts.
8. Tests Conducted: Hydrostatic  N Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI NA RAJ 12-3-91 Test Temperature \_\_\_\_\_ | F
9. Remarks Existing bolts were found without manufacturer's  
markings and spring nuts were corroded.
10. CAQR/PER Initiated: Yes  No  -- Number (if yes) \_\_\_\_\_
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Rogelia Zundis 1 MODE Date 12-3-91  
Signature Organization  
ANII: C. Mcleary Date 12-27-91

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 9/30/91  
Sheet Nos. 29 of 177  
(filled in by ISI Programs)

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WE 0014595

3. Work Performed by: TVA Company  
SEQUOYAH NUCLEAR PLANT Address  
SODDY, TN City and State  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

4. Identification of System: No. 62 Name CHEMICAL & VOLUME CONTROL  
5A. Application Construction Code ANSI B31.7 Addenda Code Case N/A 1969 Edition,  
1970  
5B. Application Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda

6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed) PIPE SUPPORT  
478435-606-0 IN BLDG AT COLUMNS  
2" & W AT

6B. Name of Manufacturer SRN  
Address of Manufacturer (if known) N/A

6C. Manufacturer's Serial Number N/A

6D. National Board Number (if applicable) N/A

6E. Other Identification (subassembly number, heat number etc.) N/A

6F. Year Built UNKNOWN Code Class 1  2

6G. Repaired  Replaced  Replacement

6H. ASME Code Stamped YES  NO

7. Brief Description of Repair, or Replacement Work Performed. REPLACED 3/8" &  
MACHINE BOLTS FOR 2" & PIPE CLAMP MOUNTED ON A  
UNISTRYT CHANNEL

8. Tests Conducted: Hydrostatic  Nominal Operating Pressure N/A PSI Pneumatic  Other   
Pressure N/A PSI Test Temperature N/A

9. Remarks 2" & PIPE SUPPORT NO. 478435-606-07

10. CAQR/PER Initiated: Yes  No  -- Number (if yes) \_\_\_\_\_

11. Applicable Manufacturer's Data Report to be attached: Yes  No   
Prepared By: C. M. [Signature] Signature Date 9/30/91  
Organization MOPS B Date 12-27-91

ANII: \_\_\_\_\_ Date \_\_\_\_\_

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 12-3-91  
Sheet Nos. 30 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. WR 6014595
3. Work Performed by: TVA Type Code Symbol Stamp NA Ref 12-3-91  
Company  
Sequoyah Nuclear Plant Authorization No. NA Ref 12-3-91  
Address  
Daisy TN 37379 Expiration Date NA Ref 12-3-91  
City and State
4. Identification of System: No. 63 Name Safety Injection
- 5A. Application Construction Code ANSI B31.7 1969 Edition,  
Summer 1970 Addenda Code Case NA Ref 12-3-91
- 5B. Application Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 47K435-606-27  
for 2" φ pipe. Analysis Isometric 47K435-606-03.
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SSN
- 6C. Manufacturer's Serial Number NA Ref 12-3-91
- 6D. National Board Number (if applicable) NA Ref 12-3-91
- 6E. Other Identification (subassembly number, heat number etc.) P1008 Instant Spring  
Nuts (ASTM A679), ASME SA 193 GR B7 bolts, ASTM A569 plate washers.
- 6F. Year Built Unknown Code Class  1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Replaced existing  
spring nuts and bolts with new P1008 spring nuts and SA193 bolts.  
Installed plate washers.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure NA Ref 12-3-91 PSI Test Temperature IF
9. Remarks Existing bolts found without manufacturer's ID markings,  
spring nuts corroded.
10. CAQR/PER Initiated: Yes  No  -- Number (if yes)
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Louis J. Lardis 1 ARDS Date 12-3-91  
Signature Organization Date 12-27-91  
ANII: C. Nitecalf



APPENDIX E  
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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 6-3-92  
Sheet Nos. 31 of 177  
(filled in by ISI Programs)

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WIRCO17D18

3. Work Performed by: TYA / SQN Company  
Type Code Symbol Stamp NA  
P.O. Box 2000 Address  
Authorization No. NA  
SODDY-DAISY, TN 37379 City and State  
Expiration Date NA

4. Identification of System: No. 63 Name SAFETY, INJECTION  
5A. Applicable Construction Code SEE REMARKS 19NA Edition,  
NA Addenda Code Case NA

5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda

6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) CHECK VALVE 2-63-632  
BONNET STUDS AND NUTS, 6" VALVE, 1500#  
LOCATION: RB2, EL 700.702, AZ = MS IN ACCUMULATOR ROOM # 2

6B. Name of Manufacturer YELAN  
Address of Manufacturer (if known) PLATTSBURGH, NY

6C. Manufacturer's Serial Number NA  
6D. National Board Number (if applicable) NA  
6E. Other Identification (subassembly number, heat number etc.)  
STUD HEAT# B097296 NUT HEAT# C27729

6F. Year Built UNKNOWN Code Class 1  2

6G. Repaired  Replaced  Replacement

5H. ASME Code Stamped YES  NO

7. Brief Description of Repair or Replacement Work Performed. REPLACED  
FIVE BONNET NUTS AND STUDS.

8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pr. ssure 215-2270 PSI Test Temperature 540-549 °F

9. Remarks CONSTRUCTION CODE: CONTRACT 91934 AND WESTINGHOUSE  
E-SPEC 678760 & 676241.  
TEXT: 2-SI-SCT-01A-001, 2-SI-SXY-01A-0010, 2-SI-SXY-063-006.0

10. SCAR/PER Initiated: Yes  No  Number (if yes) \_\_\_\_\_

11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: KRILUPSON Signature Organization TS/NSSS Date 6-3-92  
ANII: E.H. Farrow Signature Date 6/18/92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 6-3-92  
Sheet Nos. 32 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. WR 6017470
3. Work Performed by: TVA/SON Type Code Symbol Stamp NA  
Company  
P.O. Box 2000 Address Authorization No. NA  
SODDY-DAISY, TN 37379 City and State Expiration Date NA
4. Identification of System: No. 62 Name CHEMICAL VOLUME & CONTROL
- 5A. Applicable Construction Code ASME SECTION III, CLASS 1 1974 Edition,  
SUMMER 1975 Addenda Code Case NA
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) CHECK VALVE 2-62-660,  
3" x 1500" SS LOCATION: RB2, FL 706, AZ 310° AT COLD LEG  
Loop 4
- 6B. Name of Manufacturer BERG-WARNER  
Address of Manufacturer (if known) 7500 TYRONE AVE, VAN NUYS, CA
- 6C. Manufacturer's Serial Number NA
- 6D. National Board Number (if applicable) NA
- 6E. Other Identification (subassembly number, heat number etc.) NA
- 6F. Year Built UNKNOWN Code Class  1  2  3
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. REMOVED TACK WELD  
BETWEEN DISC POST AND N.T. DRILLED A HOLE THROUGH THE  
DISC POST AND NOT AND INSTALLED A SOLID PIN.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure 22.5-22.0 PSI Test Temperature 540-549°F
9. Remarks NA
10. SCAR, PER Initiated: Yes  No  Number (if yes)
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Kellyson Signature TS/NSSS Organization Date 6-3-92  
ANII: E. L. Farrow Date 6/19/92

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Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER

DATE 5-28-92  
Sheet Nos. 33 of 177  
(filled in by ISI Programs)

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379

UNIT:  0,  1,  2  
WID No. WR C045949

3. Work Performed by: TVA/SPN Type Code Symbol Stamp NA  
Company  
P.O. Box 2000 Address  
SODDY-DAISY, TN 37379 Expiration Date NA  
City and State

4. Identification of System: No. 63 Name SAFETY INJECTION

5A. Applicable Construction Code SEE REMARKS 19 NA Ed<sup>n</sup>-ion,  
NA Addenda Code Case NA

5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda

6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) CHECK VALVE 2-63-SBB,  
1 1/2" SCH 160, 1500# LOCATION: RB2, EL 697'-1" AT  
LOOP 3 COLD LEG

6B. Name of Manufacturer ROCKWELL  
Address of Manufacturer (if known) P.O. Box 501, SULPHUR SPRINGS, TX

6C. Manufacturer's Serial Number AF171

6D. National Board Number (if applicable) NA

6E. Other Identification (subassembly number, heat number etc.) NA

6F. Year Built UNKNOWN Code Class 1  2

6G. Repaired  Replaced  Replacement

6H. ASME Code Stamped YES  NO

7. Brief Description of Repair or Replacement Work Performed. REPLACED  
EXISTING VALVE WITH NEW VALVE

8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure 225-270 PSI Test Temperature 540-549 °F

9. Remarks CONSTRUCTION CODE! CONTRACT 91934 AND WESTINGHOUSE  
E-SEE 677204 & 678769. TESTING: 2-51-DIV-063-001 010.55-92  
PRESSURE TEST AT 2000PSIG MINIMUM PER APPROVED NRC REQUEST FOR  
RELIEF, DOCKET # 50-328, 11/14/92

10. SCAR/PER Initiated: Yes  No  Number (if yes) SUPER 920254

11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: J. Wilson Signature Organization ITS/NSSS Date 5-28-92  
ANII: E.H. Farwell Signature Date 7-7-92

FORM NPV-1 MANUFACTURERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES\*

As Required by the Provisions of the ASME Code Rules

SHEET 34 of 177

1. Manufactured by Rockwell International Flow Control Division  
P.O. Box 501, Sulphur Springs, Texas 75482 Order No. 61-58561  
(Name & Address of Manufacturer)

2. Manufactured for Tennessee Valley Authority  
105 Miller Bldg. Knoxville, KY Order No. 76K38-86163-2  
(Name and Address)

3. Owner Tennessee Valley Authority

4. Location of Plant Bellefonte Nuclear Plant  
Scottsboro, Alabama 35768

5. Pump or Valve Identification (16) 14" 03674F316T1 Check Valves Serial No's AP165 thru AP180  
Rockwell International Assembly Lot No. H2015  
(Brief description of service for which equipment was designed)

(a) Drawing No. D-31602435 Rev. 3 Prepared by David K. THEINER

(b) National Board No. N/A

6. Design Conditions 2240 psi 800 °F or Pressure Class 1500 (1)  
(Pressure) (Temperature)

7. The material, design, construction, and workmanship complies with ASME Code Section III, Class 1  
 Edition 1974, Addenda Date Summer 75, Case No. (1791) N-154

Mark No.	Material Spec. No.	Manufacturer	Remarks
<b>(a) Castings</b>			
Valve Disks	F3037	A5679R1 Consolidated	Heat T
<b>(b) Forgings</b>			
Valve Bodies	SA182JN	SA182GRF316 Texas Forge	Joslyn Heat 77177

(1) For manually operated valves only.  
 \*Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 8 1/2" x 11", (2) information in items 1, 2, 3a and 3b on this data report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at top of this form.  
 3/75  
 This form (E00037, may be obtained from the Order Dept., ASME, 347 E. 47 St., New York, N.Y. 10017.

SHEET 35 of 177

FORM NPV-1 (back)

Mark No.	Material Spec. No.	Manufacturer	Remarks
(c) Belting			
1A			
(d) Other Parts			
Valve Covers	F2839	SA479T316	Crucible Heat A17378
Sealweld Filler		SFA5.9ER316	Teledyne McKay Heat 74781

8. Hydrostatic test 5400 psi.

CERTIFICATION OF DESIGN

Design information on file at Rockwell International, Sulphur Springs, Texas  
 Stress analysis report on file at Rockwell International, Sulphur Springs, Texas  
 Design specifications certified by Ivan Lee Balte (I) Prof. Eng. Sect. TN Reg. No. 9702  
 Stress analysis report certified by David W. Therman (I) Prof. Eng. Sect. TX Reg. No. 30581  
 (I) Signature not required, List name only.

We certify that the statements made in this report are correct.

Date 1/26 1979 Signed Rockwell International by William Vance  
(Official Signature)  
 Certificate of Authorization No. N-1814 expires August 12, 1980

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State of Province of Texas and employed by Lumbermens Mutual Casualty Co. of Long Grove, IL 60049 have inspected the equipment described in this Data Report on Feb 27 1979 and state that to the best of my knowledge and belief, the Manufacturer has constructed this equipment in accordance with the applicable Subsections of ASME Code, Section III.  
 By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data 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.

Date Feb 27 1979

JAN GUY Commission TEXAS 591  
(Inspector) (National Board, State, Province and No.)

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 5-28-92  
Sheet Nos. 36 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. WR 045949
3. Work Performed by: TVA/SQN Type Code Symbol Stamp NA  
Company  
P.O. Box 2000 Address Authorization No. NA  
SODDY-DAISY, TN 37379 City and State Expiration Date NA
4. Identification of System: No. 63 Name SAFETY INJECTION
- 5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
1970 Addenda Code Case NA
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) 1 1/2" SCH 160, ASME SA  
376 T304 PIPING UPSTREAM OF CHECK VALVE 2-63-588
- 6B. Name of Manufacturer AL TECH SPECIALTY STEEL CORPORATION  
Address of Manufacturer (if known) WILLOW BROOK AVE, WATERVLIET, NY
- 6C. Manufacturer's Serial Number NA
- 6D. National Board Number (if applicable) NA
- 6E. Other Identification (subassembly number, heat number etc.)  
PIPE HEAT # 93733
- 6F. Year Built UNKNOWN Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. REPLACED A SECTION  
OF PIPING UPSTREAM OF 2-63-588 TO FACILITATE VALVE INSTALLATION.  
PIPING WAS BUILT ASME CLASS 2 AND UPGRADED TO ASME CLASS 1.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure 1500 PSI Other   
Pressure PSI Test Temperature \_\_\_\_\_ °F
9. Remarks PRESSURE TEST AT 2000 PSIG MIN PER NRC APPROVED  
RELIEF REQUEST, DOCKET # 50-328.
10. SCAR/PER Initiated: Yes  No  -- Number (if yes)
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: E.H. Farrow Signature Organization TS/NSSS Date 5-28-92  
Date 7/7/92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 6-10-92  
Sheet Nos. 37 of 177  
(filled in by ISI Programs)

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. W120046617

3. Work Performed by: TVA/SPN Company Type Code Symbol Stamp NA  
P.O. Box 2000 Address Authorization No. NA  
SODDY-DAISY, TN 37379 City and State Expiration Date NA

4. Identification of System: No. 63 Name SAFETY INJECTION

5A. Applicable Construction Code SEE REMARKS 1912 Edition, Addenda Code Case NA

5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda

6A. Name of Component(s) and Description (Include size, capacity, material, and Location as needed to aid in identification) CHECK VALVE 2-63-644, 6"φ, 1500" LOCATION: RB2, EL 702.3, A2=194

6B. Name of Manufacturer VELAN  
Address of Manufacturer (if known) PLATESBURGH, NY

6C. Manufacturer's Serial Number NA

6D. National Board Number (if applicable) NA

6E. Other Identification (subassembly number, heat number etc.) Disc S42012

6F. Year Built UNKNOWN Code Class 1  2

6G. Repaired  Replaced  Replacement

6H. ASME Code Stamped YES  NO

7. Brief Description of Repair or Replacement Work Performed. REPLACED EXISTING VALVE DISC WITH NEW DISC. DRILLED HOLE THROUGH DUC NOT & DISC HOT & INSTALLED A SOLID PIN

8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure 225-270PSI Test Temperature 540-549 °F

9. Remarks CONSTRUCTION CODE: CONTRA 01934 AND WESTINGHOUSE E-SPEC 678160 & 676241. OTHER TESTS: 2-21-SKV-063-009.0, 2-21-SKV-074-001.0, 2-21-SFT-674-001.0

10. SCAR/PER Initiated: Yes  No  -- Number (if yes) SPER2920153

11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: [Signature] Signature Date 6-10-92  
ITS/NSSS Organization  
ANII: [Signature] Date 6/24/92

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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 5-21-92  
Sheet Nos. 38 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WR C 04624
3. Work Performed by: TVA/SPN Type Code Symbol Stamp NA  
P.O. Box 2000 Company  
Address SODDY-DAISY, TN Authorization No. NA  
City and State Expiration Date NA
4. Identification of System: No. 68 Name REACTOR COOLANT
- 5A. Applicable Construction Code SEE REMARKS 19 NA Edition,  
NA Addenda Code Case NA
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) PRESSURIZER SAFETY VALVE  
2-6B-503, 6" P, 6MMAG LOCATION TOP OF PRESSURIZER
- 6B. Name of Manufacturer CROSBY VALVE AND GAGE  
Address of Manufacturer (if known) WINTHAM, MA
- 6C. Manufacturer's Serial Number 51688-00-0003
- 6D. National Board Number (if applicable) NA
- 6E. Other Identification (subassembly number, heat number etc.) NA
- 6F. Year Built: UNKNOWN Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. REPLACED  
EXISTING VALVE WITH A 3/4" VALVE
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure 2215-2270 PSI Test Temperature 540-549 °F
9. Remarks CONSTRUCTION CODE: CONTRACT 91934 AND WESTINGHOUSE  
E-SPECS 678764 & 676279 AND ANSI B.31.7, 1969 EDITION THROUGH  
1970 ADDENDA.
10. SCAR/PER Initiated: Yes  No  - Number (if yes)
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: [Signature] 175/NSSS Date 5-21-92  
Signature Organization Date 5-21-92



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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 5-19-92  
Sheet Nos. 39 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WR COAL 625
3. Work Performed by: TVA/SDN Type Code Symbol Stamp NA  
P.O. Box 2000 Company  
Soddy-Daisy, TN 37379 Address  
City and State  
Expiration Date NA  
Authorization No. NA
4. Identification of System: No. 68 Name REACTOR COOLANT
- 5A. Applicable Construction Code SEE REMARKS 19<sup>th</sup> Edition, Addenda Code Case NA
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements: 1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and Location as needed to aid in identification) VALVE 2-68-504, 6" P, 6XMX6; LOCATION: TOP OF PRESSURIZER
- 6B. Name of Manufacturer CROSBY VALVE AND GAGE  
Address of Manufacturer (if known) WRENTHAM, MA
- 6C. Manufacturer's Serial Number RY-1-8010A 51688 00-0002
- 6D. National Board Number (if applicable) NA
- 6E. Other Identification (subassembly number, heat number etc.) NA
- 6F. Year Built UNKNOWN Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. REPLACED EXISTING VALVE WITH A SPARE VALVE
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure 2215 PSI Other   
Pressure 2215 PSI Test Temperature 530-549 °F
9. Remarks CONSTRUCTION CODE: CONTRACT 9123A AND WESTINGHOUSE C-SPEC 678764 & 676279 AND ANSI B31.7-1969 CRITICAL THROUGH 1270 ADDENDA
10. SCAR/PER Initiated: Yes  No  -- Number (if yes)
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: [Signature] 1 TS/NSSS Date 5-21-92  
Signature Organization Date 5-27-92  
ANII: [Signature] Date 5-27-92

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NIS-2 ATT'CHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER

DATE 5-19-92  
Sheet Nos. 40 of 177  
(filled in by ISI Programs)

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379

UNIT:  0,  1,  2  
WID No. W12 CO4625

3. Work Performed by: TVA / SON Type Code Symbol Stamp NA  
Company  
P.O. Box 2000 Address  
Soddy-Daisy, TN 37379 Authorization No. NA  
City and State Expiration Date NA

4. Identification of System: No. 682 Name REACTOR COOLANT

5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
1970 Addenda Code Case NA

5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda

6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) PRESSURIZER SAFETY VALVE  
INLET FLANGE BOLTING, 6" x 6 x M x 6, VALVE # 2 62-564  
LOCATED ON TOP OF PRESSURIZER

6B. Name of Manufacturer CROSBY VALVE AND GAGE  
Address of Manufacturer (if known) WRENTHAM, MA

6C. Manufacturer's Serial Number RV-1-8010A SL688-001002

6D. National Board Number (if applicable) NA

6E. Other Identification (subassembly number, heat number etc.) STUD HT#  
8097296 Nut 11# Y12439

6F. Year Built UNKNOWN Code Class 1  2

6G. Repaired  Replaced  Replacement

6H. ASME Code Stamped YES  NO

7. Brief Description of Repair or Replacement Work Performed. REPLACED  
4 STUDS AND 8 NUTS ON THE INLET FLANGE

8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure 225 PSI Test Temperature 540-549 °F

9. Remarks NA

10. SCAR/PER Initiated: Yes  No  Number (if yes)

11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: [Signature] / IS/NESS Date 5-20-92  
Signature Organization Date 5-27-92

ANII: [Signature]  
0296P/dar

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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 5-19-92  
Sheet Nos. 41 of 177  
(filled in by ISI Programs)

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WR C074626

3. Work Performed by: TVA/SUN Type Code Symbol Stamp NA  
Company  
P.O. Box 2000 Address  
SODDY DAISY, TN 37379 City and State  
Expiration Date NA  
Authorization No. NA

4. Identification of System: No. 65 Name REACTOR COOLANT  
5A. Applicable Construction Code SEE REMARKS 19 NA Edition,  
NA Addenda Code Case NA

5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda

6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) PRESSURIZER SAFETY VALVE  
2-65-565, 6" , 6" X 6" ; LOCATED ON TOP OF PRESSURIZER

6B. Name of Manufacturer CROSBY VALVE AND ENGINE  
Address of Manufacturer (if known) WRENTHAM, MA

6C. Manufacturer's Serial Number SPARE B WAS 19-92 51688-20-0001

6D. National Board Number (if applicable) NA

6E. Other Identification (subassembly number, heat number etc.) NA

6F. Year Built UNKNOWN Code Class 1  2

6G. Repaired  Replaced  Replacement

6H. ASME Code Stamped YES  NO

7. Brief Description of Repair or Replacement Work Performed. REPLACED  
EXISTING VALVE WITH A SPARE VALVE

8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure NA Other   
Pressure PSI Test Temperature \_\_\_\_\_ °F

9. Remarks CONSTRICTION CODE: CONTRACT 91934 AND WESTINGHOUSE  
E- SPEC 678764 & 676279 AND ANSI B31.7 1967 EDITION TUBE 11 1970 ADDENDA  
SPARE B WAS REBUILT AND TESTED PER WR C074637

10. SCAR/PER Initiated: Yes  No  Number (if yes) \_\_\_\_\_

11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: K. Wilson Signature Organization 173/NSSS  
Date 5-19-92  
ANII: O. E. McCall Signature Date 5-22-92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 7-2-92  
Sheet Nos. 42 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WIR CO46851
3. Work Performed by: TVA/SUN Type Code Symbol Stamp NA  
Company  
P.O. Box 2000 Address  
Soddy-Daisy, TN 37379 Authorization No. NA  
City and State Expiration Date NA
4. Identification of System: No. 03 Name FEEDWATER
- 5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
1970 Addenda Code Case NA
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) FEEDWATER SUPPORT #  
2-FDH-244, Dia # 2-H4-224
- 6B. Name of Manufacturer BASIC ENGINEERS  
Address of Manufacturer (if known): 158 49th STREET, PITTSBURGH, PA 15201
- 6C. Manufacturer's Serial Number 50-30
- 6D. National Board Number (if applicable) NA
- 6E. Other Identification (subassembly number, heat number etc.) NA
- 6F. Year Built UNKNOWN Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. REPLACED  
AN EXISTING HYDRAULIC SUBMER
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI Test Temperature \_\_\_\_\_ °F
9. Remarks OTHER TEST: 2-51-MIN -000-001.0
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) SUPER920243, SUPER92002421
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: [Signature] Organization ITS/NSSS Date 7-2-92  
Signature  
ANII: [Signature] Date 7/11/92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 6-25-92  
Sheet Nos. 13 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WR C046857
3. Work Performed by: TVA/SON Type Code Symbol Stamp NA  
Company  
P.O. Box 2000 Address  
Soddy-Daisy, TN 37379 Authorization No. NA  
City and State Expiration Date NA
4. Identification of System: No. 01 Name MAIN STEAM
- 5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
1970 Addenda Code Case NA
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) MAIN STEAM SUPPORT#  
2-MSH-423 Dwg# 241-423
- 6B. Name of Manufacturer BASIC ENGINEERS  
Address of Manufacturer (if known) 158 49TH STREET, PITTSBURGH, PA 15201
- 6C. Manufacturer's Serial Number SN 76-101 AND 76-102
- 6D. National Board Number (if applicable) NA
- 6E. Other Identification (subassembly number, heat number etc.) NA
- 6F. Year Built UNKNOWN Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. REPLACED BOTH  
HYDRAULIC SNUBBERS
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI Test Temperature \_\_\_\_\_ °F
9. Remarks Other Test: 2-SI-MIN-000-001-0
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) SCPER 920243, SCPER 920024 R1
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Emmet A. Farred Signature Organization ITS/NSSS Date 6-25-92  
Date 7-7-92

APPENDIX E  
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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 6-25-92  
Sheet Nos. 44 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. WR C 046858
3. Work Performed by: TVA / SDN Type Code Symbol Stamp NA  
Company  
P.O. Box 2000 Address Authorization No. NA  
SODDY-DAISY, TN 37379 City and State Expiration Date NA
4. Identification of System: No. 63 Name SAFETY INJECTION
- 5A. Applicable Construction Code ANSI B31.7 1965 Edition,  
1970 Addenda Code Case NA
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) SAFETY INJECTION  
SUPPORT 2-SIH-69 DWG# 2-H20-69
- 6B. Name of Manufacturer BASIC ENGINEERS  
Address of Manufacturer (if known) 158 49TH STREET, PITTSBURGH, PA 15201
- 6C. Manufacturer's Serial Number 50-47
- 6D. National Board Number (if applicable) NA
- 6E. Other Identification (subassembly number, heat number etc.) NA
- 6F. Year Built UNKNOWN Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. REPLACED  
PIPE SUPPORT HYDRAULIC SNUBBER
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI Test Temperature \_\_\_\_\_ °F
9. Remarks OTHER TESTS: 2-SI-MW-000-001.0
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) SOPR920243, SOPR920242
11. Applicable Manufacturer's Data Report to be attached: Yes  No   
Prepared By: [Signature] Organization ITS/NSSS Date 6-25-92  
Signature Organization Date  
ANII: [Signature] Date 7-7-92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 6-9-92  
Sheet Nos. 45 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. WR C046896
3. Work Performed by: TXA/SDN Type Code Symbol Stamp NA  
Company  
P.O. Box 2000 Address Authorization No. NA  
SODDY-DAISY, TN 37379 City and State Expiration Date NA
4. Identification of System: No. 03 Name AUXILIARY FEEDWATER
- 5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
1970 Addenda Code Case NA
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) SUPPORT # 2-AFDH-317,  
DWG # 2-H3-317
- 6B. Name of Manufacturer PACIFIC SCIENTIFIC \*  
Address of Manufacturer (if known) 22715 SAYI RANCH PARKWAY, P.O. BOX 27019 YORBA LINDA,  
CA
- 6C. Manufacturer's Serial Number 16595
- 6D. National Board Number (if applicable) NA
- 6E. Other Identification (subassembly number, heat number etc.)  
BOLT HEAT # 4575E
- 6F. Year Built UNKNOWN Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. REPLACED  
PSA-1 SNUBBER AND FRONT MOUNTING BOLTS.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI Test Temperature \_\_\_\_\_ °F
9. Remarks O-SI-MFT-000-001.0  
\*BOLT MANUFACTURER: CARDINAL INDUSTRIAL PRODUCTS,  
3813 WEST OAKLAND, LAS VEGAS, NEVADA
10. SCAR/PER Initiated: Yes  No  -- Number (if yes)
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By. [Signature] / TS/NSSS Date 6-4-92  
Signature Organization
- ANII: [Signature] Date 6/13/92

APPENDIX E  
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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 6-18-92  
Sheet Nos. 46 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. WIR C049261
3. Work Performed by: TVA/SON\* Type Code Symbol Stamp NA  
Company  
P.O. Box 2000 Address Authorization No. NA  
SODDY-DAISY, TN 37379 City and State Expiration Date NA
4. Identification of System: No. 68 Name REACTOR COOLANT
- 5A. Applicable Construction Code ASME SECTION III 1968 Edition,  
NA Addenda Code Case NA
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) STEAM GENERATOR;  
WESTINGHOUSE MODEL 51, 7/8" φ TUBE PLUG, INCONEL 690
- 6B. Name of Manufacturer WESTINGHOUSE, TAMPA DIVISION  
Address of Manufacturer (if known) TAMPA, FLORIDA
- 6C. Manufacturer's Serial Number 1321
- 6D. National Board Number (if applicable) 68-62
- 6E. Other Identification (subassembly number, heat number etc.) TUBE PLUG HEAT#  
NX7252 HK; LOT#111, SN'S 4J173-4J177 & 4J201-4J203
- 6F. Year Built 1971 Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. MECHANICALLY PLUGGED  
THE FOLLOWING TUBES: Row 8, Col 54; Row 33, Col 56; Row 33, Col 58;  
Row 34, Col 47; Row 46, Col 46.
8. Tests Conducted: Hydrostatic  N Pneumatic   
Nominal Operating Pressure  A Other   
Pressure PSI Test Temperature °F
9. Remarks\* Work Performed By WESTINGHOUSE UNDER TVA'S REPAIR  
AND REPLACEMENT PROGRAM.
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) CH PER 920010
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: E.H. Farslow Signature Organization TB/NSSS Date 6-18-92  
ANII: E.H. Farslow Date 7-11-92



APPENDIX E  
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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 6-17-92  
Sheet Nos. 47 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. WR C049262
3. Work Performed by: TVA/SON\* Type Code Symbol Stamp NA  
Company  
P.O. Box 2000 Address Authorization No. NA  
SODDY-DAISY-TN 37379 City and State Expiration Date NA
4. Identification of System: No. 68 Name REACTOR COOLANT
- 5A. Applicable Construction Code ASME SECTION III 1968 Edition,  
NA Addenda Code Case NA
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) STEAM GENERATOR 2,  
WESTINGHOUSE MODEL 51, 7/8"φ TUBE PLUG, INCONEL 690
- 6B. Name of Manufacturer WESTINGHOUSE, TAMPA DIVISION  
Address of Manufacturer (if known) TAMPA, FLORIDA
- 6C. Manufacturer's Serial Number 1322
- 6D. National Board Number (if applicable) 68-63
- 6E. Other Identification (subassembly number, heat number etc.) PLUG HEAT #  
NK 7252 HK, LOT # 111, SN'S 4J178 THRU 4J196 & 4H929 THRU 4H947
- 6F. Year Built 1971 Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. SEE  
ATTACHED LIST FOR TUBES MECHANICALLY PLUGGED
8. Tests Conducted: Hydrostatic  NA Pneumatic   
Nominal Operating Pressure  Other   
Pressure PSI Test Temperature \_\_\_\_\_ °F
- Remarks\* WORK PERFORMED BY WESTINGHOUSE UNDER TVA'S  
REPAIR AND REPLACEMENT PROGRAM.
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) CHPER 920010
11. Applicable Manufacturers Data Report to be attached: Yes  No
- Prepared By: [Signature] Signature Organization TS/NSSS Date 6-17-92
- ANII: E.S. Jarro Date 7/1/92

WORK REQUEST C049262

STEAM GENERATOR 2 - TUBES MECHANICALLY PLUGGED  
DURING UNIT 2 CYCLE 5 REFUELING OUTAGE

<u>ROW</u>	<u>COLUMN</u>
3	52
3	55
8	19
8	54
9	26
9	60
11	3
12	67
13	79
25	45
26	12
29	34
30	51
31	13
32	59
34	77
35	18
43	33
43	36

APPENDIX E  
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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 6-17-92  
Sheet Nos. 49 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WR C049263
3. Work Performed by: TVA/SDN\* Company Type Code Symbol Stamp NA  
P.O. Box 2000 Address Authorization No. NA  
SODDY-DAISY, TN 37379 City and State Expiration Date NA
4. Identification of System: No. 6B Name REACTOR COOLANT  
5A. Applicable Construction Code ASME SECTION III 19 6B Edition,  
NA Addenda Code Case NA
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) STEAM GENERATOR 3  
WESTINGHOUSE MODEL 51, 7/8" TUBE PLUGS, INCONEL 690
- 6B. Name of Manufacturer WESTINGHOUSE, TAMPA DIVISION  
Address of Manufacturer (if known) TAMPA, FLORIDA
- 6C. Manufacturer's Serial Number 1323
- 6D. National Board Number (if applicable) 6B-64
- 6E. Other Identification (subassembly number, heat number etc.) TUBE PLUG HEAT#  
NX7252HK, LOT# 111, SN'S 4J206 THRU 4J212 & 4H912 THRU 4H928
- 6F. Year Built 1971 Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. SEE ATTACHED  
LIST FOR TUBES THAT WERE MECHANICALLY PLUGGED.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure N Other   
Pressure PSI Test Temperature \_\_\_\_\_ °F
9. Remarks\* WORK PERFORMED BY WESTINGHOUSE UNDER TVA'S  
REPAIR & REPLACEMENT PROGRAM.
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) CHPER 920010
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: W. Wilson Signature Organization ITS/NSSS Date 6-17-92  
ANI: E. J. Farrow Date 7-11-92

STEAM GENERATOR 3 - TUBES MECHANICALLY PLUGGED  
DURING UNIT 2 CYCLE 5 REFUELING OUTAGE

<u>ROW</u>	<u>COLUMN</u>
12	54
12	61
15	70
18	25
22	31
22	33
25	32
30	25
34	44
35	77
36	77
44	36

APPENDIX E  
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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 6-16-92  
Sheet Nos. 51 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WR C0926A
3. Work Performed by: TVA/SON\* Company Type Code Symbol Stamp NA  
P.O. Box 2000 Address Authorization No. NA  
SODDY-DAISY, TN 37379 City and State Expiration Date NA
4. Identification of System: No. 68 Name REACTOR COOLANT
- 5A. Applicable Construction Code ASME SECTION III 1968 Edition, Addenda Code Case NA
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements: 1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and Location as needed to aid in identification) STEAM GENERATOR # 4  
WESTINGHOUSE MODEL 51, 7/8" TUBE PLUGS IN COL 650
- 6B. Name of Manufacturer WESTINGHOUSE, TAMPA DIVISION  
Address of Manufacturer (if known) TAMPA FLORIDA
- 6C. Manufacturer's Serial Number 1324
- 6D. National Board Number (if applicable) 68-65
- 6E. Other Identification (subassembly number, heat number etc.) TUBE PLUG  
Heat # NX 7252 HK, Lot # 111, SN's 4,197 THRU 4,200
- 6F. Year Built 1971 Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. MECHANICALLY  
PLUGGED TUBE IN ROW 4 COL 1 AND ROW 38 COL 22.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure NA Other   
Pressure PSI Test Temperature \_\_\_\_\_ °F
9. Remarks\* WORK PERFORMED BY WESTINGHOUSE UNDER  
TVA'S REPAIR & REPLACEMENT PROGRAM.
10. SCAR/PER ated: Yes  No  -- Number (if yes) CHPER 920010
11. Applicant's Manufacturer's Data Report to be attached: Yes  No   
Prepared By: [Signature] ITS/NSSS Date 6-16-92  
Signature Organization Date 7-11-92
- ANII: E.A. Jarvis Date 7-11-92
- 0296P/dar

APPENDIX E  
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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 6-16-92  
Sheet Nos. 52 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37779  
UNIT:  0,  1,  2  
WID No. WIZ 6054305
3. Work Performed by: TVA/SCP Company Type Code Symbol Stamp NA  
P.O. Box 2000 Address Authorization No. NA  
SODDY-DAISY, TN 37379 City and State Expiration Date NA
4. Identification of System: No. 68 Name REACTOR COOLANT
- 5A. Applicable Construction Code ASME SECTION III, DIV 1 1980 Edition,  
1980 WINTER Addenda Code Case NA
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) PRESSURIZER POWER OPERATED  
RELIEF VALVE 2-PCV-6B-3ADA, 3"φ, LOCATION: TOP OF PRESSURIZER
- 6B. Name of Manufacturer TARGET POKK CORPORATION  
Address of Manufacturer (if known) 1966 E. BROADHOLLOW RD
- 6C. Manufacturer's Serial Number 7
- 6D. National Board Number (if applicable) NA
- 6E. Other Identification (subassembly number, heat number etc.) NA
- 6F. Year Built 1983 Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. REPLACED  
EXISTING VALVE WITH A SPARE
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure 2215 2270 PSI Test Temperature 540-549 °F
9. Remarks OTHER TESTS: 0 51-54V 000-006.0, 51-106.4
10. SCAR/PER Initialed: Yes  No  -- Number (if yes)
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: [Signature] Signature Organization 1 TB/NSSS Date 6-16-92  
ANII: [Signature] Date 6/24/92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 6-23-92  
Sheet Nos. 53 of 177  
(filled in by ISI Programs)

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
INT:  O,  1,  2  
WID No. WR 307

3. Work Performed by: TVA/SUN Type Code Symbol Stamp NA  
Company  
P.O. Box 2000 Address  
SODDY-DAISY, TN 37379 City and State  
Expiration Date NA

4. Identification of System: No. 72 Name CONTAINMENT SPRAY

5A. Applicable Construction Code ASME SECTION III 1971 Edition,  
NA Addenda Code Case NA

5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda

6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) CONTAINMENT SPRAY  
ISOLATION VALVE 2-FCV-72-41

6B. Name of Manufacturer WALWORTH/ALLOY  
Address of Manufacturer (if known) 1400 W. ELIZABETH AVE, LINDEN, NJ

6C. Manufacturer's Serial Number NA

6D. National Board Number (if applicable) NA

6E. Other Identification (subassembly number, heat number etc.)  
MALE DISC SN# A41A3 FEMALE DISC SN# A41A4

6F. Year Built UNRECORDED Code Class 1  2

6G. Repaired  Replaced  Replacement

6H. ASME Code Stamped YES  NO

7. Brief Description of Repair or Replacement Work Performed. REPLACED  
MALE AND FEMALE DISCS IN VALVE.

8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure          PSI Test Temperature          °F

9. Remarks OTHER TESTS: 51-158.1, 51-166.6

10. SCAR/PER Initiated: Yes  No  -- Number (if yes)         

11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: KR Wilson Signature ITS/NSSS Organization  
Date 6-23-92  
Date 6/24/92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER

DATE 6-1-92  
Sheet Nos. 54 of 177  
(filled in by ISI Programs)

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379

UNIT:  0,  1,  2  
WID No. WR CO 74524

3. Work Performed by: TVA/SLN Type Code Symbol Stamp NA  
Company  
P.O. Box 2000 Address  
SODDY-DAISY, TN 37379 City and State  
Expiration Date NA  
Authorization No. NA

4. Identification of System: No. 63 Name SAFETY INJECTION

5A. Applicable Construction Code SEE REMARKS 19<sup>NA</sup> Edition,  
NA Addenda Code Case NA

5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda

6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) CHECK VALVE 263-589,  
1/2" SCH 160, 1500# LOCATION: RB2, EL 697'-1", A2 = 301", IN  
ACCUMULATOR RM #4

6B. Name of Manufacturer ROCKWELL  
Address of Manufacturer (if known) P.O. Box 501, SULPHUR SPRINGS, TEXAS

6C. Manufacturer's Serial Number AF176

6D. National Board Number (if applicable) NA

6E. Other Identification (subassembly number, heat number etc.) NA

6F. Year Built UNKNOWN Code Class 1  2

6G. Repaired  Replaced  Replacement

6H. ASME Code Stamped YES  NO

7. Brief Description of Repair or Replacement Work Performed. REPLACED  
EXISTING VALVE WITH A NEW VALVE.

8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure 2215-2220 PSI Test Temperature 540-549 °F

9. Remarks CONSTRUCTION CODES CONTRACT 91934 AND WESTINGHOUSE  
E-SEC 677264 & 678769  
TESTS: 2-SI-SKY-063-010.0, 2-SI-SFT-062-001.0, TESTED UPSTREAM SIDE  
AT 2000 PSI MINIMUM PER APPROVED RELIEF REQUEST, DOCKET # 50-328.

10. SCAR/PER Initiated: Yes  No  -- Number (if yes) SCAR 920121, SOPER 920254

11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: [Signature] Organization TS/NSSS Date 6-1-92  
Signature  
ANII: E.K. Jarrett Date 7-7-92  
Organization



FORM NPV-1 MANUFACTURERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES\*

As Required by the Provisions of the ASME Code Rules

SHEET 55 of 177

1. Manufactured by Rockwell International Flow Control Division  
P.O. Box 501, Sulphur Springs, Texas 75482 Order No. 61-58561  
(Name & Address of Manufacturer)

2. Manufactured for Tennessee Valley Authority  
305 Miller Bldg. Knoxville, KY Order No. 76K38-86163-2  
(Name and Address)

3. Owner Tennessee Valley Authority  
Bellefonte Nuclear Plant

4. Location of Plant Scottsboro, Alabama 35768

5. Pump or Valve Identification (16) 1 1/2" D3674F316T1 Check Valves Serial No's AP165 thru AP180  
Rockwell International Assembly Lot No. H2015  
(Brief description of service for which equipment was designed)

(a) Drawing No. D-31602435 Rev. 3 Prepared by David K. Therneau

(b) National Board No. N/A

6. Design Conditions 2240 psi 800 °F or Pressure Class 1500 (1)  
(Pressure) (Temperature)

7. The material, design, construction, and workmanship complies with ASME Code Section III, Class 1  
 Edition 1974, Addenda Date Summer 78, Case No. (1791) N-154

Mark No.	Material Spec. No.	Manufacturer	Remarks
<b>(a) Castings</b>			
<u>Valve Disks</u>	<u>P1037</u>	<u>A567GR1</u>	<u>Consolidated</u> <u>Heat T</u>
<b>(b) Forgings</b>			
<u>Valve Bodies</u>	<u>SK213N</u>	<u>SA182GRF316</u>	<u>Texas Forge</u> <u>Joslyn Heat 77177</u>

(1) For manually operated valves only.  
 \*Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 8 1/2" x 11", (2) information in items 1, 2, 3a and 5b on this data report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at top of this form.  
 1/75  
 This form (E20037), may be obtained from the Order Dept., ASME, 34 E. 47 St., New York, N.Y. 10017.

SHEET 56 of 177

FORM NPV-1 (back)

Mark No.	Material Spec. No.	Manufacturer	Remarks
(c) Bolting			
NA			
(d) Other Parts			
Valve Covers	F2839	SA479TJ16	Crucible Heat A17378
Sealweld Filler		SPAS.9ER316	Teledyne McKay Heat 74781

8. Hydrostatic test 5400 psi.

CERTIFICATION OF DESIGN

Design information on file at Rockwell International, Sulphur Springs, Texas  
 Stress analysis report on file at Rockwell International, Sulphur Springs, Texas  
 Design specifications certified by Ivan Las Balta (1) Prof. Eng. State TN Reg. No. 9702  
 Stress analysis report certified by David V. Thorneau (1) Prof. Eng. State TX Reg. No. 30681  
 (1) Signature not required. List name only.

We certify that the statements made in this report are correct.

Date 1/26 1979 Signed Rockwell International by William J. Hance  
(Manager/Supervisor)

Certificate of Authorization No. N-1814 expires August 12, 1980

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of Texas and employed by Lumbermens Mutual Casualty Co. of Lone Grove, IL 60049 have inspected the equipment described in this Data Report on Feb 27 1979, and state that to the best of my knowledge and belief, the Manufacturer has constructed this equipment in accordance with the applicable Subsections of ASME Code, Section III.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data 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.

Date Feb 27 1979

Jan Guy (Inspector) Commission Texas 591  
(National Board, State, Province and No.)

APPENDIX E  
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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALUITY AUTHORITY  
NUCLEAR POWER DATE 6-1-92  
Sheet Nos. 57 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. WR 6074524
3. Work Performed by: TVA/SON Type Code Symbol Stamp NA  
Company  
P.O. Box 2000 Address Authorization No. NA  
SODDY-DAISY, TN 37379 City and State Expiration Date NA
4. Identification of System: No. 63 Name SAFETY INJECTION
- 5A. Applicable Construction Code ANSI B31.7 1969 Edition, Addenda Code Case NA
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and Location as needed to aid in identification) UPSTREAM PIPING ASSOCIATED WITH CHECK VALVE 2-63-589, 1 1/2" dia, SCH 160, ASME SA 376, TP 304 LOCATION: RB2, EL 697'-1", AZ = 301", ACC RM # 4
- 6B. Name of Manufacturer AL TECH SPECIALTY STEEL CORPORATION  
Address of Manufacturer (if known)
- 6C. Manufacturer's Serial Number NA
- 6D. National Board Number (if applicable) NA
- 6E. Other Identification (subassembly number, heat number etc.)  
PIPE HEAT# 93733
- 6F. Year Built UNKNOWN Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. REPLACED A PORTION OF PIPING UPSTREAM OF 2-63-589 TO FACILITATE CHANGEOUT OF THE VALVE.
8. Tests Conducted: Hydrostatic  NA Pneumatic   
Nominal Operating Pressure NA Other   
Pressure NA PSI Test Temperature NA °F
9. Remarks PIPING WAS TESTED AT 2000 PSIG MIN PER NRC APPROVED RELIEF REQUEST, PERMIT # 90-328.  
NOTE: PIPING WAS BOUGHT TO ASME CLASS 2 AND UPGRADED TO ASME CLASS 1.
10. SCAR/PER Initiated: Yes  No  Number (if yes) SOPER 920750, SOPER 920124
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: [Signature] Organization ITS/NSSS Date 6-1-92  
Signature Organization Date  
E.L. Jarrell ITS/NSSS 6-1-92  
ANII: [Signature] Date 7-7-92

APPENDIX E  
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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 5-18-92  
Sheet Nos. 58 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. W12 C074532
3. Work Performed by: TVA / SUN Type Code Symbol Stamp NA  
Company  
P.O. Box 2000 Address  
Soddy-Daisy, TN City and State  
Expiration Date NA  
Authorization No. NA
4. Identification of System: No. 6B Name REACTOR COOLANT  
5A. Applicable Construction Code ANSI B31.7 1962 Edition,  
1970 Addenda Code Case NA
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) 3/8" 90° SWAGE TUBING  
ACHESA 213 612 TP316, INSTRUMENT TUBING TO VALVE 2-6B-450B  
LOCATED AT THE SEAL TABLE
- 6B. Name of Manufacturer NA  
Address of Manufacturer (if known) NA
- 6C. Manufacturer's Serial Number NA
- 6D. National Board Number (if applicable) NA
- 6E. Other Identification (subassembly number, heat number etc.) NA
- 6F. Year Built UNKNOWN Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. REMOVED  
SURFACE INDICATION IN THE TUBING BASE METAL BY  
BUFFING
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure NA Other   
Pressure NA PSI Test Temperature NA °F
9. Remarks NA
10. SCAR/PER Initiated: Yes  No  Number (if yes) \_\_\_\_\_
11. Applicable Manufacturer's Data Report to be attached: Yes  No   
Prepared By: [Signature] Signature Organization ITS/ASSS Date 5-18-92  
ANII: [Signature] Signature Date 5-22-92

APPENDIX E  
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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 5-27-92  
Sheet Nos. 59 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WR C 074602
3. Work Performed by: TVA / SQM Type Code Symbol Stamp NA  
P.O. Box 2000 Company  
Address SODDY-DAISY, TN 37379 Authorization No. NA  
City and State Expiration Date NA
4. Identification of System: No. 03 Name SWIFTY INJECTION
- 5A. Applicable Construction Code SEE REMARKS 19 NA Edition,  
NA Addenda Code Case NA
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) CHECK VALVE 2-63-633, 6" P,  
SCH 160, 1500" LOCATION: RBZ, AZ 240 CL 714 "6", ACCUMULATOR RM 1
- 6B. Name of Manufacturer VELAN  
Address of Manufacturer (if known) PLATTSBURGH, NY
- 6C. Manufacturer's Serial Number NA
- 6D. National Board Number (if applicable) NA
- 6E. Other Identification (subassembly number, heat number etc.)  
STUD HEAT# 8097296
- 6F. Year Built (UNKNOWN) Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. REPLACED  
CNC BECKET STUD
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure 2215-2270 PSI Test Temperature 500 °F
9. Remarks CONSTRUCTION CODE: CONTRACT 91934 AND WESTINGHOUSE E-SPEC  
610760 & 670271.  
2 SI-SKY-063 006.0, 2 SI-SFT-074-001.0
10. SCAR/PER Initiated: Yes  No  -- Number (if yes)
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: K. Ellison 1 TS/MSSS Date 5-27-92  
Signature Organization Date 5-28-92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 6-23-92  
Sheet Nos. 60 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. WR 0014706
3. Work Performed by: TVA/SDN Type Code Symbol Stamp NIA  
Company  
P.O. Box 2000 Address Authorization No. NA  
SODDY DAISY, TN 37379 City and State Expiration Date NA
4. Identification of System: No. 62 Name CHEMICAL VOLUME & CONTROL
- 5A. Applicable Construction Code SEE REMARKS Addenda Code Case NA 19NA Edition, NA
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and Location as needed to aid in identification) LETDOWN ISOLATION FLOW CENTRAL VALVE 2-FV-62-77, 2", 600# LOCATION: AB, UNIT 2 G90 PIPE CHASE, AIL & Y-LINE, EL 705'-6"
- 6B. Name of Manufacturer MAGWELLAN  
Address of Manufacturer (if known) 63 NATHAN ST, NORWOOD, MASSACHUSETTS
- 6C. Manufacturer's Serial Number NA
- 6D. National Board Number (if applicable) NA
- 6E. Other Identification (subassembly number, heat number etc.) STUD HT# 8096740 NOT HT# 7986
- 6F. Year Built UNKNOWN Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. REPLACED BONNET STUDS AND NUTS
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI Test Temperature \_\_\_\_\_ °F
9. Remarks CONSTRUCTION CODE: CONTRACT 91931 AND WESTINGHOUSE C-SPR 678763 & 676270.  
OTHER TESTS: SI-158.1 AND SI-166.6
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) \_\_\_\_\_
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: [Signature] Signature Organization ISI/ISSJ Date 6-23-92  
ANII: [Signature] Signature Organization [Signature] Date 6/24/92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER

DATE 4/30/92  
Sheet Nos. 61 of 177  
(filled in by ISI Programs)

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379

UNIT:  0,  1,  2  
WID No. WR C 074836

3. Work Performed by: TVA - SQN  
Company

Type Code Symbol Stamp /

PO Box 2000  
Address

Authorization No. N/A 4/30/92

SEDDY-DASH, TN  
City and State

Expiration Date /

4. Identification of System: No. 06B Name REACTOR COOLANT SYST.

5A. Applicable Construction Code ASME SEC XI PART 1 & 2, CORR. 13 Edition, 1980, Winter 1981 Addenda

5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda

6A. Name of Component(s) and Description (Include size, capacity, material, and Location as needed to aid in identification) 6" INLET DISCHARGE VALVE, LOCATED AT THE TOP OF THE PRESSURIZED IN THE PRESSURIZED ENCLOSURE

6B. Name of Manufacturer CROSBY VALVE & GAGE CO.  
Address of Manufacturer (if known) WESTBURY, N.Y.

6C. Manufacturer's Serial Number SPARE A 51688-00-0002

6D. National Board Number (if applicable) N/A

6E. Other Identification (subassembly number, heat number etc.) NOTE: IN HQS 24-34-0020 DISC #1: N95906-33-0012

6F. Year Built UNKNOWN Code Class 1  2

6G. Repaired  Replaced  Replacement

6H. ASME Code Stamped YES  NO

7. Brief Description of Repair or Replacement Work Performed. MODIFIED EXISTING VALVE BY REPLACING NOZZLE & DISC; MODIFIED EXISTING DISC RING BY MACHINING.

8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other  SETPOINT & SEAT LEAKAGE  
Pressure \_\_\_\_\_ PSI Test Temperature \_\_\_\_\_ °F

9. Remarks \_\_\_\_\_

10. SCAR/PER Initiated: Yes  No  -- Number (if yes) N/A 4/30/92

11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: [Signature] / MMG Date 4/30/92

ANII: [Signature] Organization \_\_\_\_\_ Date 5-22-92

APPENDIX E  
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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER

DATE 4/30/92  
Street Nos. 62 of 177  
(filled in by ISI Programs)

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379

UNIT:  0,  1,  2  
WID No. WR C 074837

3. Work Performed by: TVA - SQD Type Code Symbol Stamp \_\_\_\_\_  
Company \_\_\_\_\_

PO Box 2000 Address Authorization No. N/A  
SODDY-DAISY, TN City and State Expiration Date \_\_\_\_\_

4. Identification of System: No. 06B Name REACTOR COOLANT SYST.  
5A. Applicable Construction Code ASME SEC VIII DIV 1 PART 5, CASE 19 Edition, \_\_\_\_\_  
1980, Winter 1981 Addenda Code Case 9434

5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda

6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) 6" INLET & DISCHARGE LOCATED AT THE TOP OF THE PRESSURIZED IN THE PRESSURIZED  
ENCLOSURE

6B. Name of Manufacturer CROSBY VALVE & GAGE CO.  
Address of Manufacturer (if known) WRESTMAN, VA.

6C. Manufacturer's Serial Number 51688-00-0001

6D. National Board Number (if applicable) N/A

6E. Other Identification (subassembly number, heat number etc.) NOZZLE SH. N95921-34-0026 DISC SH. N95906-33-0010

6F. Year Built \_\_\_\_\_ Code Class 1  2.3

6G. Repaired  Replaced  Replacement

6H. ASME Code Stamped YES  NO

7. Brief Description of Repair or Replacement Work Performed. MODIFIED EXISTING  
VALVE BY REPLACING NOZZLE & DISC; MODIFIED EXISTING DISC RING BY MACHINING.

8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other  SETPOINT & SEAT LEAKAGE  
Pressure \_\_\_\_\_ PSI Test Temperature \_\_\_\_\_ °F

9. Remarks NA

10. SCAR/PER Initiated: Yes  No  -- Number (if yes) \_\_\_\_\_

11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: MMG Date 4/30/92  
Signature \_\_\_\_\_ Organization \_\_\_\_\_

ANII: OE Metcalf Date 5-22-92  
0296P/dar



APPENDIX E  
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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 4/30/92  
Sheet Nos. 03 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WR C 071838
3. Work Performed by: TVA - SQD Type Code Symbol Stamp \_\_\_\_\_  
Company \_\_\_\_\_  
P.O. Box 2000 Address Authorization No. N/A  
SODDY-DAISY, TN City and State Expiration Date \_\_\_\_\_
4. Identification of System: No. 06B Name REACTOR CIRCULAT SYST.  
5A. Applicable Construction Code ASME SEC. VIII DIV. 1 Edition, \_\_\_\_\_  
1984 Addenda Code Case 9994  
5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda  
6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) PRESSURIZED SAFETY VALVE, 6" X 1/2"  
6" VALVE DOWNWARD LOCATED AT THE TOP OF THE PRESSURIZED IN THE PRESSURIZED  
ENCLOSURE  
6B. Name of Manufacturer CROSBY VALVE & GAGE CO.  
Address of Manufacturer (if known) WRESTHAM, MA.  
6C. Manufacturer's Serial Number 51688-00-0003  
6D. National Board Number (if applicable) N/A  
6E. Other Identification: (subassembly number, heat number etc.) DISC S/N: N95906-31-0003  
NOZZLE S/N: N95921-34-0025  
6F. Year Built UNKNOWN Code Class 1  2   
6G. Repaired  Replaced  Replacement   
6H. ASME Code Stamped YES  NO   
7. Brief Description of Repair or Replacement Work Performed. MODIFIED EXISTING  
VALVE BY REPLACING NOZZLE & DISC; MODIFIED EXISTING DISC RING BY MACHINING.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other  SETPOINT & SEAT LEAKAGE  
Pressure \_\_\_\_\_ PSI Test Temperature \_\_\_\_\_ °F
9. Remarks \_\_\_\_\_
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) N/A
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Raymond 1 MMG Date 4/30/92  
Signature Organization Date 5-21-92  
ANII: C. E. M. [Signature] Date \_\_\_\_\_  
0296P/dar

APPENDIX E  
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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 4/30/02  
Sheet Nos. 64 of 177  
(filled in by ISI Programs)

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT.  0,  1,  2  
WID No. WR C074856

3. Work Performed by: TVA-SON Type Code Symbol Stamp \_\_\_\_\_  
Company \_\_\_\_\_  
PO BOX 2000 Address \_\_\_\_\_ Authorization No. N/A 4/30/02  
SODDY-DAISY, TN. 37379 City and State \_\_\_\_\_ Expiration Date \_\_\_\_\_

4. Identification of System: No. 018 Name REACTOR COOLANT SYSTEM

5A. Applicable Construction Code ASME B78764 & B78770, CORR. 19 Edition, \_\_\_\_\_  
N/A Addenda Code Case 91954 4/30/02

5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda

6A. Name of Component(s) and Description (Include size, capacity, material, and Location as needed to aid in identification) PRESSURIZED SAFETY VALVE, 6" X 1/2" INLET & DISCHARGE, LOCATED ON TOP OF PRESSURIZER IN THE PRESSURIZER ENCLOSURE

6B. Name of Manufacturer CROSBY VALVE & GAGE CO.  
Address of Manufacturer (if known) WILMETHAM MA.

6C. Manufacturer's Serial Number RV-1-8010A

6D. National Board Number (if applicable) N/A RB-4/30/02

6E. Other Identification (subassembly number, heat number etc.) DISC S/W N95906-53-000B

6F. Year Built UNKNOWN Code Class 1  2

6G. Repaired  Replaced  Replacement

6H. ASME Code Stamped YES  NO

7. Brief Description of Repair or Replacement Work Performed. MAINTENANCE OF NOZZLE & DISC RING & REPLACEMENT OF DISC

8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other  SETPOINT & SEAT LEAKAGE  
Pressure \_\_\_\_\_ PSI Test Temperature \_\_\_\_\_ °F

9. Remarks \_\_\_\_\_

10. SCAR/PER Initiated: Yes  No  -- Number (if yes) N/A RB-4/30/02

11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: [Signature] 1 MAMG Date 4/30/02  
Signature \_\_\_\_\_ Organization \_\_\_\_\_  
ANII: [Signature] Date 5-22-92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Datsy, Tennessee 37379

3. Work Performed by: TVA - SQN Company  
PO Box 2000 Address  
SODDY-DATSY, TN City and State

4. Identification of System: No. 068 Name REACTOR COOLANT SYST.

5A. Applicable Construction Code ASME SEC. VIII DIV. 1, 1984 EDITION Addenda 19 Edition, Code Case 9934

5B. Applicable Edition of Section XI Utilized for Repairs or Replacements: 1980, Winter 1981 Addenda

6A. Name of Component(s) and Description (Include size, capacity, material, and location as needed to aid in identification) 6" INLET & DISCHARGE, LOCATED AT THE TOP OF THE PRESSURIZED IN THE PRESSURIZED ENCLOSURE

6B. Name of Manufacturer CROSBY VALVE & GAGE CO.  
Address of Manufacturer (if known) WILMINGTON, M.

6C. Manufacturer's Serial Number RY-1-8010C

6D. National Board Number (if applicable) N/A

6E. Other Identification (subassembly number, heat number etc.) NOZZLE S/N: N95921-34-0020, DISC S/N: N95926-33-0009

6F. Year Built UNKNOWN Code Class 1  2

6G. Repaired  Replaced  Replacement

6H. ASME Code Stamped YES  NO

7. Brief Description of Repair or Replacement Work Performed. VALVE BY REPLACING NOZZLE & DISC; MODIFIED EXISTING DISC RINGS BY MACHINING.

8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other  SETPOINT & SEAT LEAKAGE  
Pressure          PSI Test Temperature          °F

9. Remarks 0-21-5XY-068-0060

10. SCAR/PER Initiated: Yes  No  -- Number (if yes) N/A

11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: E.H. Farrow Signature MMG Organization  
Date 4/30/92  
Date 6/2/92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 5-21-92  
Sheet Nos. 66 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WIR CO74865
3. Work Performed by: TVA / SON Type Code Symbol Stamp NA  
Company  
P.O. Box 2000 Address  
SODDY-DAISY TN 37379 City and State  
Expiration Date NA
4. Identification of System: No. 63 Name SAFETY INJECTION
- 5A. Applicable Construction Code SEE REMARKS 19 ~~74~~ Edition,  
NA Addenda Code Case NA
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) CHECK VALVE 2-63-587  
1 1/2" φ, 1500# LOCATION: RB, Loop 2, EL 697, AZ = 126
- 6B. Name of Manufacturer ROCKWELL INTERNATIONAL  
Address of Manufacturer (if known) P.O. BOX 501, SULPHUR SPRINGS, TX
- 6C. Manufacturer's Serial Number AF173
- 6D. National Board Number (if applicable) NA
- 6E. Other Identification (subassembly number, heat number etc.) NA
- 6F. Year Built 1979 Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. REPLACED  
EXISTING VALVE WITH NEW VALVE
8. Tests Conducted: Hydrostatic  (SEE REMARKS) Pneumatic   
Nominal Operating Pressure  Other   
Pressure 2215-2270 PSI FOR DOWNSTREAM WELDS Test Temperature 540-549 °F
9. Remarks CONSTRUCTION CODE: CONTRACT 9193A AND WESTINGHOUSE  
ESSEL 677264 & 678769. HYDROSTATIC TEST WAS PERFORMED IN  
ACCORDANCE WITH APPROVED NRC RELIEF REQUEST WITH PRESSURE  
READINGS OF 2245 & 2260 FOR THE UPSTREAM WELDS.
10. SCAR/PER Initiated: Yes  No  -- Number (if yes)
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: H. W. W. W. 1 TS/NSSS Date 5-21-92  
Signature Organization Date 6/2/92
- ANII: E. H. F. J. M. D. Date 6/2/92

FORM NPV-1 MANUFACTURERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES\*

As Required by the Provisions of the ASME Code Rules *SHEET 67 of 177*

1. Manufactured by Rockwell International Flow Control Division  
P.O. Box 501, Sulphur Springs, Texas 75482 Order No. 61-58561  
(Name & Address of Manufacturer)

2. Manufactured by Tennessee Valley Authority  
105 Miller Bldg. Knoxville, KY Order No. 76K38-86163-2  
(Name and Address)

3. Owner Tennessee Valley Authority

4. Location of Plant Bellefonte Nuclear Plant  
Scottsboro, Alabama 35768

5. Pump or Valve Identification (16) 14" D3674F316T1 Check Valves Serial No's AP165 thru AP180  
Rockwell International Assembly Lot No. H2015  
(Brief description of service for which equipment was designed)

(a) Drawing No. D-31602435 Rev. 3 Prepared by David H. Therneau

(b) National Board No. N/A

6. Design Conditions 2240 psi 800 °F or Pressure Class 1500 (1)  
(Pressure) (Temperature)

7. The material, design, construction, and workmanship complies with ASME Code Section III, Class 1  
 Edition 1974, Addenda Date Summer 75, Case No. (1791) N-154

Part No.	Material Spec. No.	Manufacturer	Remarks
<b>(a) Coatings</b>			
<u>Valve Disks</u>	<u>F3037</u>	<u>A567GR1</u>	<u>Consolidated Heat T</u>
<b>(b) Forgings</b>			
<u>Valve Bodies</u>	<u>SK213N</u>	<u>SA162GRF316</u>	<u>Texas Forge Joslyn Heat 77177</u>

(1) For manually operated valves only.  
 \*Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 8 1/2" x 11", (2) information in items 1, 2, 3a and 3b on this data report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at top of this form.  
 2/75  
 This form (E00037) may be obtained from the Order Dept., ASME, 347 E. 47 St., New York, N.Y. 10017.

SHEET 68 of 177

FORM NPV-1 (back)

Part No.	Material Spec. No.	Manufacturer	Remarks
(c) Beking			
NA			
(d) Other Parts			
Valve Covers	F2839	EA479T316	Crucible Heat A1737B
Sealweld Filler		SFA5.9ER316	Teledyne McKay Heat 747B1

8. Hydrostatic test 5400 psi.

CERTIFICATION OF DESIGN

Design information on file at Rockwell International, Sulphur Springs, Texas  
 Stress analysis report on file at Rockwell International, Sulphur Springs, Texas  
 Design specifications certified by Juan Leo Beltr (I) Prof. Eng. State TN Reg. No. 9702  
 Stress analysis report certified by David W. Therman (I) Prof. Eng. State TX Reg. No. 30681  
 (I) Signature not required. List name only.

We certify that the statements made in this report are correct.

Date 1/26 1979 Signed Rockwell International by William Albarr  
(Manufacturer)  
 Certificate of Authorization No. N-1814 expires August 12, 1980

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State of Province of TEXAS and employed by Lumbermens Mutual Casualty Co of Long Grove, IL 60049 have inspected the equipment described in this Data Report on Feb 27 1979, and state that to the best of my knowledge and belief, the Manufacturer has constructed this equipment in accordance with the applicable Subsections of ASME Code, Section III.  
 By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data 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.

Date Feb 27 1979

JAN Gray  
(Inspector)

Commission TEXAS 591  
(National Board, State, Provincial and Fed.)

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 6-4-92  
Sheet Nos. 69 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. WR C076664
3. Work Performed by: TVA/SON Type Code Symbol Stamp NA  
Company  
P.O. Box 2000 Authorization No. NA  
Address  
SODDY-DAISY, TN 37379 Expiration Date NA  
City and State
4. Identification of System: No. 68 Name REACTOR COOLANT
- 5A. Applicable Construction Code SEE REMARKS 19 NA Edition,  
NA Addenda Code Case NA
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) SEAL TABLE GUIDE  
TUBE N-8, 3/4" φ TUBE LOCATION: RB2, IN CORE INSTRUMENT  
ROOM, FL 695
- 6B. Name of Manufacturer WESTINGHOUSE  
Address of Manufacturer (if known) NA
- 6C. Manufacturer's Serial Number NA
- 6D. National Board Number (if applicable) NA
- 6E. Other Identification (subassembly number, heat number etc.) NA
- 6F. Year Built UNKNOWN Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. REMOVED A  
SCRATCH IN THE SEATING SURFACE AREA OF THE COMPRESSION  
FITTING ON SEAL TABLE GUIDE TUBE N-8 BY BUFFING.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure NA Other   
Pressure PSI Test Temperature \_\_\_\_\_ °F
9. Remarks CONSTRUCTION CODE: CONTRACT 91934 AND WESTINGHOUSE  
E-SPEC 952290.
10. SCAR/PER Initiated: Yes  No  -- Number (if yes)
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: [Signature] / TS/NSSS Date 6-10-92  
Signature Organization
- ANII: [Signature] Date 6/13/92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 4-9-92  
Sheet Nos. 70 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. W12 C077129
3. Work Performed by: TVA/SON Type Code Symbol Stamp NA  
Company  
P.O. Box 2000 Address  
SODDY-DAISY TN City and State  
Authorization No. NA  
Expiration Date NA
4. Identification of System: No. 01 Name MAIN STEAM
- 5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
1970 Addenda Code Case NA
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) PIPE SUPPORT # 47A053-502  
DWG# 47A053-502
- 6B. Name of Manufacturer BASIC ENGINEERS  
Address of Manufacturer (if known) 708 BAW AVE, P.O. BOX 3800, PITTSBURGH, PA
- 6C. Manufacturer's Serial Number 18375
- 6D. National Board Number (if applicable) NA
- 6E. Other Identification (subassembly number, heat number etc.) NA
- 6F. Year Built UNKNOWN Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. REPLACED  
SNUBBER
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI Test Temperature \_\_\_\_\_ °F
9. Remarks FUNCTIONAL TEST FOR O-SI-MFT-000-DC1.0
10. SCAR/PER Initiated: Yes  No  Number (if yes) \_\_\_\_\_
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: [Signature] Signature Organization TS/NSSS Date 6-10-92  
ANII: [Signature] Signature Organization \_\_\_\_\_ Date 6/13/92



APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 5-27-92  
Sheets Nos. 71 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WR C081204
3. Work Performed by: TVA/SUN Type Code Symbol Stamp NA  
Company  
P.O. Box 2000 Address Authorization No. NA  
SODDY-DAISY, TN 37379 City and State Expiration Date NA
4. Identification of System: No. 63 Name SAFETY INJECTION  
5A. Applicable Construction Code SEE REMARKS 19 NA Edition, NA  
Addenda Code Case NA
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) CHECK VALVE 2-63-55B, 6" P,  
S1160, 1500" LOCATION: RB2, EL 696'-5" ON LOOP 4 HOT LEG
- 6B. Name of Manufacturer VELAN  
Address of Manufacturer (if known) PLATTSBURGH, NY
- 6C. Manufacturer's Serial Number NA
- 6D. National Board Number (if applicable) NA
- 6E. Other Identification (subassembly number, heat number etc.)  
NUT HT" C27729 STUD HT" B868610
- 6F. Year Built UNKNOW Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. REPLACED TWO  
BOWMET STUDS AND NUTS
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure 245-227-PSI Test Temperature 540-519 °F
9. Remarks CONSTRUCTION CODE: CONSTRUCTION CONTRACT # 91939 AND  
WESTINGHOUSE E-SPCC 678760 & 676241  
2-SISXY-063-004.0, 2-SI-SFT-063-001.A
10. SCAR/PER Initiated: Yes  No  -- Number (if yes)
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: KLH/MSW 1 TS/MSW Date 5-27-92  
Signature Organization  
ANII: C.E. Mital Date 5-28-92  
0296P/dar

WP# 0000-101  
PG# 3  
II

APPENDIX E  
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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 7-24-91  
Sheet Nos. 72 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WP# 0000-101
3. Work Performed by: TVA Type Code Symbol Stamp NA DW 7-24-91  
Company  
SEQUOYAH NUCLEAR PLANT, P.O. BOX 2009 Authorization No. NA DW 7-24-91  
Address  
SODDY DAISY, TN 37379 Expiration Date NA DW 7-24-91  
City and State
4. Identification of System: No: 062 Name CHEMICAL VOLUME CONTROL
- 5A. Application Construction Code ANSI B31.7 1969 Edition,  
1970 SUMMER Addenda Code Case NA DW 7-24-91
- 5B. Application Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) 4" BE-122 PIPE CLAMP  
SEE ATTACHED SHEET FOR LOCATION; 2-62-12 BOX 8-21A1  
2-62-21660
- 6B. Name of Manufacturer BASIC ENGINEERS  
Address of Manufacturer (if known) 158-49TH STREET, PITTSBURGH, PENN, 15201
- 6C. Manufacturer's Serial Number NA DW 7-24-91
- 6D. National Board Number (if applicable) NA DW 7-24-91
- 6E. Other Identification (subassembly number, heat number etc.) NA DW 7-24-91
- 6F. Year Built UNKNOWN Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. REPLACED  
EXISTING PIPE CLAMPS WITH NEW PIPE CLAMPS
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  or Other   
Pressure PSI A 8-21A Test Temperature \_\_\_\_\_ IF
9. Remarks \_\_\_\_\_
10. CAQR/PER Initiated: Yes  No  -- Number (if yes) NA DW 7-24-91
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Dave S. Bell / MORTIFICATIONS Date 7-24-91  
Signature Organization Date 9-4-91

SITE STANDARD PRACTICE	REPAIR/REPLACEMENT OF ASME SECTION XI COMPONENTS	SSP-13.3 Rev. 0 Page 43 of 52
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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 5-9-91  
Sheet Nos. 73 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WP# 0000-101
3. Work Performed by: TVA Type Code Symbol Stamp N/A  
Company  
SEQUOYAH NUCLEAR PLANT, P O BOX 2000 Authorization No. N/A  
Address  
SODDY DAISY TN 37379 Expiration Date N/A  
City and State
4. Identification of System: No. 062 Name CHEMICAL VOLUME CONTROL
- 5A. Application Construction Code ANSI B31.7 1969 Edition,  
1970 SUMMER Addenda Code Case N/A Ref 5A-91
- 5B. Application Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (include size, capacity, material, and  
Location as needed to aid in identification) 1/2" WELD ON 3/4" X 1/2" READING  
INSERT ON SUPPLY LINE TO 2-PI-62-102 (SEE ATTACHED SKETCH)  
102
- 6B. Name of Manufacturer TVA
- 6C. Address of Manufacturer (if known) N/A
- 6D. Manufacturer's Serial Number N/A
- 6E. National Board Number (if applicable) N/A
- 6F. Other Identification (subassembly number, heat number etc.) N/A
- 6F. Year Built UNKNOWN Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. CUT OUT 1/2"  
WELD TO GAIN ACCESS TO SUPPORT 2-62-21660
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure 34 PSI Test Temperature 82 °F
9. Remarks LEAK TEST
10. CAQR/PER Initiated: Yes  No  -- Number (if yes) N/A
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Russ G. Bell Organization 1 MODIFICATIONS Date 5-9-91  
Signature Date 9-4-91  
ANII: C. E. Miteck

WP 1056-01

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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 4-22-92  
Sheet Nos. 74 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. WP MID56-01
3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company \_\_\_\_\_  
Sequoyah Nuclear Plant Authorization No. NA RAZ 4-22-92  
Address \_\_\_\_\_  
Daisy TN Expiration Date \_\_\_\_\_  
City and State \_\_\_\_\_
4. Identification of System: No. 62 Name Chemical and Volume Control
- 5A. Applicable Construction Code ANSI B31.7 19 69 Edition,  
1970 Addenda Code Case NA RAZ 4-22-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 2-CVCH-154 for  
4"  $\phi$  pipe. DCA's 1701056-01 & -02; 2-H34-154.
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SQN
- 6C. Manufacturer's Serial Number NA RAZ 4-22-92
- 6D. National Board Number (if applicable) NA RAZ 4-22-92
- 6E. Other Identification (subassembly number, heat number etc.) NA RAZ 4-22-92  
3/4" plate (HT# 912W3171), BE 41BN-2
- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Replaced existing  
base plate, anchors and clamp with new materials and  
design per DCA's.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI NA RAZ 4-22-92 Test Temperature \_\_\_\_\_ °F
9. Remarks \_\_\_\_\_
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RAZ 4-22-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Roger A. Zandis 1 MODS Date 4-22-92  
Signature \_\_\_\_\_ Organization \_\_\_\_\_  
ANII: R. E. Metcalf Date 4-25-92

SITE STANDARD PRACTICE	REPAIR/REPLACEMENT OF ASME SECTION XI COMPONENTS	SSP-13.3 Rev. 0 Page 43 of 52
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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 1-16-91  
Sheet Nos. 75 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. ELB ~~MA~~ M01866A-01  
1/14/90
3. Work Performed by: TVA Type Code Symbol Stamp NA  
Company  
See Above Address  
SEE ABOVE Expiration Date NA  
City and State
4. Identification of System: No. 003 Name Aux Feedwater
- 5A. Application Construction Code ANSI B31.7 1969 Edition,  
Summer 1970 Addenda Code Case N/A
- 5B. Application Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification)  
Aux Feedwater Flow Element, 2-FE-3-163, 4"φ
- 6B. Name of Manufacturer UNKNOWN
- 6C. Address of Manufacturer (if known) N/A
- 6D. Manufacturer's Serial Number N/A
- 6E. National Board Number (if applicable) N/A
- 6F. Other Identification (subassembly number, heat number etc.) N/A
- 6F. Year Built UNKNOWN Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed:  
Furmanite O-Ring Flange, Install Furmanite Gamp, Flange  
was not drilled
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure 1000 PSI Test Temperature 430 °F
9. Remarks Visual Inspection By Engineer for Flange  
Leak
10. CAQR/PER Initiated: Yes  No  -- Number (if yes)
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: EL Boak Signature Organization Maint Programs Date 1/13/90  
ANII: B. Eamph Date 1/16/91

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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 5-26-92  
Sheet Nos. 76 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2060 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WIL No. WP M1980-01
3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company  
Sequoyah Nuclear Plant Authorization No. N RA 5-26-92  
Address  
Daisy TN Expiration Date \_\_\_\_\_  
City and State
4. Identification of System: No. 001 Name Main Steam
- 5A. Applicable Construction Code ANSI B31.7 19 69 Edition,  
Summer 1970 Addenda Code Case NA RA 5-26-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 2-MSH-306  
for 32"  $\phi$  pipe. DCAs M01980-28, -29, -31
- 6B. Name of Manufacturer Basic Engineers  
Address of Manufacturer (if known) Pittsburgh PA
- 6C. Manufacturer's Serial Number SQ-66
- 6D. National Board Number (if applicable) NA RA 5-26-92
- 6E. Other Identification (subassembly number, heat number etc.) NA RA 5-26-92
- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Remove  
deleted snubber.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure N Other   
Pressure \_\_\_\_\_ PSI NA RA 5-26-92 Test Temperature \_\_\_\_\_ °F
9. Remarks \_\_\_\_\_
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RA 5-26-92
11. Applicable Manufacturers Data Report to be attached: Yes  No
- Prepared By: Roger A. Landis Signature Organization MOPS Date 5-26-92
- ANII: E.H. - [Signature] Date 7/11/92

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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 5-26-92  
Sheet Nos. 77 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WP M1980-01
3. Work Performed by: TVA Company  
Sequoyah Nuclear Plant Address  
Daisy TN City and State  
Type Code Symbol Stamp  
Authorization No. N/A Ref 5-26-92  
Expiration Date
4. Identification of System: No. 001 Name Main Steam
- 5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
Summer 1970 Addenda Code Case NA Ref 5-26-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 2-MSH-309  
for 32"  $\phi$  pipe. DCAs M01980-15, -32
- 6B. Name of Manufacturer Basic Engineers  
Address of Manufacturer (if known) Pittsburgh PA
- 6C. Manufacturer's Serial Number 707 & 710
- 6D. National Board Number (if applicable) NA Ref 5-26-92
- 6E. Other Identification (subassembly number, heat number etc.) NA Ref 5-26-92
- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Remove  
deleted snubbers.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure N/A PSI Ref 5-26-92 Test Temperature N/A °F
9. Remarks
10. SCAR/PER Initiated: Yes  No  Number (if yes) NA Ref 5-26-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Roger G. Lantis Signature MOPS Organization  
Date 5-26-92  
ANII: E.H. Farwell Signature Date 7/11/92

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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 5-26-92  
Sheet Nos. 78 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. WP M1980-01
3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company  
Sequoyah Nuclear Plant Authorization No. NA RAJ 5-26-92  
Address  
Daisy TN Expiration Date \_\_\_\_\_  
City and State
4. Identification of System: No. 001 Name Main Steam
- 5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
Summer 1970 Addenda Code Case NA RAJ 5-26-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 2-MSH-310  
for 32"  $\phi$  pipe. DCAs M01980-16, -17, -18, -19, -32
- 6B. Name of Manufacturer Basic Engineers  
Address of Manufacturer (if known) Pittsburgh PA
- 6C. Manufacturer's Serial Number SQ-38 & SQ-39
- 6D. National Board Number (if applicable) NA RAJ 5-26-92
- 6E. Other Identification (subassembly number, heat number etc.) NA RAJ 5-26-92
- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Remove  
deleted snubbers.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure N Other   
Pressure \_\_\_\_\_ PSI NA RAJ 5-26-92 Test Temperature \_\_\_\_\_ °F
9. Remarks \_\_\_\_\_
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RAJ 5-26-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Regis A. Landis MOPS Date 5-26-92  
Signature Organization Date 7/11/92
- ANII: E.L. Farwell Date 7/11/92



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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 5-26-92  
Sheet Nos. 79 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. WP M1980-01
3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company  
Sequoyah Nuclear Plant Authorization No. NA RA 5-26-92  
Address  
Daisy TN Expiration Date \_\_\_\_\_  
City and State
4. Identification of System: No. 001 Name Main Steam
- 5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
Summer 1970 Addenda Code Case NA RA 5-26-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 2-MSH-314  
for 32"  $\phi$  pipe. DCAs M01980-23, -24, -25, -33
- 6B. Name of Manufacturer Basic Engineers  
Address of Manufacturer (if known) Pittsburgh PA
- 6C. Manufacturer's Serial Number 50-159
- 6D. National Board Number (if applicable) NA RA 5-26-92
- 6E. Other Identification (subassembly number, heat number etc.) NA RA 5-26-92
- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Remove  
deleted snubber.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI N Test Temperature \_\_\_\_\_ °F
9. Remarks \_\_\_\_\_
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RA 5-26-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Regis A. Jarrid 1 MORS Date 5-26-92  
Signature Organization Date 7/11/92

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Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER

DATE 5-26-92  
Sheet Nos. 80 of 177  
(filled in by ISI Programs)

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379

UNIT:  0,  1,  2  
WID No. WR M1980-01

3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company \_\_\_\_\_  
Sequoyah Nuclear Plant Authorization No. N 201  
Address \_\_\_\_\_ A 5-26-92  
Daisy TN Expiration Date \_\_\_\_\_  
City and State \_\_\_\_\_

4. Identification of System: No. 001 Name Main Steam  
5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
Summer 1970 Addenda Code Case NA RA 5-26-92  
5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda  
6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 2-MSH-347  
for 32"  $\phi$  pipe. DCAs M01980-44, -45, -46

6B. Name of Manufacturer Basic Engineers  
Address of Manufacturer (if known) Pittsburgh PA

6C. Manufacturer's Serial Number 3523

6D. National Board Number (if applicable) NA RA 5-26-92

6E. Other Identification (subassembly number, heat number etc.) NA RA 5-26-92

6F. Year Last Unknown Code Class 1  2

6G. Repair  Replaced  Replacement

6H. ASME Code Stamped YES  NO

7. Brief Description of Repair or Replacement Work Performed. Remove  
deleted snubber.

8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure N Other   
Pressure \_\_\_\_\_ PSI NA RA 5-26-92 Test Temperature \_\_\_\_\_ °F

9. Remarks \_\_\_\_\_

10. SCAR/PEP Initiated: Yes  No  -- Number (if yes) NA RA 5-26-92

11. Applicable Manufacturers Data Report to be attached: Yes  No

Prepared By: Roger A. Larkin M025 Date 5-26-92  
Signature \_\_\_\_\_ Organization \_\_\_\_\_  
ANII: E-h Larkin Date 7/11/92

APPENDIX E  
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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER

DATE 5-26-92  
Sheet Nos. 81 of 177  
(filled in by ISI Programs)

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379

UNIT:  0,  1,  2  
WID No. WP M1980-01

3. Work Performed by: TVA Company  
Sequoyah Nuclear Plant Address  
Daisy TN City and State

Type Code Symbol Stamp \_\_\_\_\_  
Authorization No. N RA 5-26-92  
Expiration Date \_\_\_\_\_

4. Identification of System: No. 001 Name Main Steam

5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
Summer 1970 Addenda Code Case NA RA 5-26-92

5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda

6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 2-MSH-348  
for 32"  $\phi$  pipe. DCAs RW1980-10, -11

6B. Name of Manufacturer \_\_\_\_\_  
Address of Manufacturer (if known) Basic Engineers  
Pittsburgh PA

6C. Manufacturer's Serial Number 76-101 & 76-102

6D. National Board Number (if applicable) NA RA 5-26-92

6E. Other Identification (subassembly number, heat number etc.) NA RA 5-26-92

6F. Year Built Unknown Code Class 1  2

6G. Repaired  Replaced  Replacement

6H. ASME Code Stamped YES  NO

7. Brief Description of Repair or Replacement Work Performed. Remove  
deleted snubber.

8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure N  Other   
Pressure \_\_\_\_\_ PSI Test Temperature \_\_\_\_\_ °F

9. Remarks \_\_\_\_\_

10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RA 5-26-92

11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Roger A. Farber Signature MORS Organization  
Date 5-26-92

ANII: E.A. Farber Date 7/11/92

0296P/dar

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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER
- DATE 5-26-92  
Sheet Nos. 82 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379
- UNIT:  0,  1,  2  
WID No. WP M1980-01
3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company \_\_\_\_\_  
Sequoyah Nuclear Plant Authorization No. N/A 5-26-92  
Address \_\_\_\_\_  
Daisy TN Expiration Date \_\_\_\_\_  
City and State \_\_\_\_\_
4. Identification of System: No. 001 Name Main Steam
- 5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
Summer 1970 Addenda Code Case NA RAJ 5-26-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 2-MSH-249  
for 32"  $\phi$  pipe. DCAs M01980-13, -14
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SN
- 6C. Manufacturer's Serial Number NA RAJ 5-26-92
- 6D. National Board Number (if applicable) NA RAJ 5-26-92
- 6E. Other Identification (subassembly number, heat number etc.) 3/4" Plate (HT# 412431),  
3/8" Plate (HT# K21732), 1" Plate (HT# B8408), 1/2" Plate (HT# B4797), #
- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Removed <sup>portion</sup> existing <sup>2-</sup>  
work of existing pipe lugs. Installed new pipe clamp  
assembly.
8. Tests Conducted: Hydrostatic  N Pneumatic   
Nominal Operating Pressure  Other   
Pressure PSI A RAJ 5-26-92 Test Temperature \_\_\_\_\_ °F
9. Remarks \* 3/8" bolts (HT# C64683), 3/8" nuts (HT Nos. 2R3027B & B2219)
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RAJ 5-26-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: James A. Larkin MODS Date 5-26-92  
Signature \_\_\_\_\_ Organization \_\_\_\_\_  
ANII: E.H. Larkin Date 7/11/92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 5-26-92  
Sheet Nos. B3 of 177  
(filled in by ISI Programs)

2. (PLANT) SEQUEYAH NUCLEAR PLANT  
P.O. Box 1000 UNIT:  0,  1,  2  
Sod. Daisy, Tennessee 37379 WID No. WP M1980-01

3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company  
Sequoyah Nuclear Plant Authorization No. N 204  
Address Daisy TN Expiration Date A 5-26-92  
City and State

4. Identification of System: No. 001 Name Main Steam  
5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
Summer 1970 Addenda Code Case NA RAJ 5-26-92  
5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda  
6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 2-MSH-350  
for 32"  $\phi$  pipe. DCAs M01980-26, -27, -56

6B. Name of Manufacturer Basic Engineers  
Address of Manufacturer (if known) Pittsburgh PA  
6C. Manufacturer's Serial Number 616  
6D. National Board Number (if applicable) NA RAJ 5-26-92  
6E. Other Identification (subassembly number, heat number etc.) NA RAJ 5-26-92

6F. Year Built Unknown Code Class 1  2   
6G. Repaired  Replaced  Replacement   
6H. ASME Code Stamped YES  NO   
7. Brief Description of Repair or Replacement Work Performed. Remove  
deleted snubber.

8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure N Other   
Pressure \_\_\_\_\_ PSI NA RAJ 5-26-92 Test temperature \_\_\_\_\_ °F

9. Remarks \_\_\_\_\_

10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RAJ 5-26-92  
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Raymond L. Farris | MOPS Date 5-26-92  
Signature Organization Date 7/16/95

ANII: R.H. Farris Date 7/16/95

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 5-26-92  
Sheet Nos. 84 of 177  
(filled in by ISI Programs)

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  C,  1,  2  
WID No. WR M1980-01

3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company  
Sequoyah Nuclear Plant Authorization No. N/A  
Address Daisy TN Expiration Date 5-26-92  
City and State

4. Identification of System: No. 001 Name Main Steam  
5A. Applicable Construction Code ANSI B31.7 19 69 Edition,  
Summer 1970 Addenda Code Case NA RAJ 5-26-92

5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda

6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 2-MSH-352  
for 32"  $\phi$  pipe. DCAs M01980-6, -7

6B. Name of Manufacturer Basic Engineers  
Address of Manufacturer (if known) Pittsburgh PA

6C. Manufacturer's Serial Number SQ-60

6D. National Board Number (if applicable) NA RAJ 5-26-92

6E. Other Identification (subassembly number, heat number etc.) NA RAJ 5-26-92

6F. Year Built Unknown Code Class 1  2

6G. Repaired  Replaced  Replacement

6H. ASME Code Stamped YES  NO

7. Brief Description of Repair or Replacement Work Performed. Remove  
deleted snubber.

8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure N/A Other   
Pressure \_\_\_\_\_ PSI Test Temperature \_\_\_\_\_ °F

9. Remarks \_\_\_\_\_

10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RAJ 5-26-92

11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Robert A. Larkins MOPS Date 5-26-92  
Signature Organization Date 2/11/92

ANII: E. L. Larkins Date 2/11/92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 5-26-92  
Sheet Nos. 85 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WR M1980-01
3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company  
Sequoyah Nuclear Plant Authorization No. N/A Ref A 5-26-92  
Address  
Daisy TN Expiration Date \_\_\_\_\_  
City and State
4. Identification of System: No. 001 Name Main Steam
- 5A. Applicable Construction Code ANSI B31.7 19 69 Edition  
Summer 1970 Addenda Code Case NA Ref 5-26-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 2-MSH-353  
for 32"  $\phi$  pipe. DCAs M01980-39, -40
- 6B. Name of Manufacturer Basic Engineers  
Address of Manufacturer (if known) Pittsburgh, PA
- 6C. Manufacturer's Serial Number 13073
- 6D. National Board Number (if applicable) \_\_\_\_\_
- 6E. Other Identification (subassembly number, heat number etc.) 2" nuts (HT# 16599),  
2 1/2" plate (HT# 9473825), 2" u-bolt (HT# A74583), BE 417-1, BE 417-2, \*
- 6F. Year Built Unknown Code Class 1  2  (make extension) (make extension)
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Replaced existing  
PSA-10 snubber with new PSA-35.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other  \*\*  
Pressure \_\_\_\_\_ PSI Test Temperature \_\_\_\_\_ °F
9. Remarks \* BE-422-13, BE 422-14A (End attachment)  
 $\Delta$  Discrepancy with Heat Number tracked on SQPER920249.  
\*\* Functional test per O-SI-MFT-000-001.0.
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) SQPER920249
11. Applicable Manufacturers Data Report to be attached: Yes  No
- Prepared By: Rogelia Lendie 1 Mops Date 7-11-92  
Signature Organization
- ANII: E.H. Farwell Date 7/16/92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER
- DATE 5-26-92  
Sheet Nos. 86 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379
- UNIT:  0,  1,  2  
WID No. NP M1980-01
3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company \_\_\_\_\_  
Sequoyah Nuclear Plant Authorization No. NA RAJ 5-26-92  
Address \_\_\_\_\_  
Daisy TN Expiration Date \_\_\_\_\_  
City and State \_\_\_\_\_
4. Identification of System: No. 001 Name Main Steam
- 5A. Applicable Construction Code ANSI B31.7 19 69 Edition,  
Summer 1970 Addenda Code Case NA RAJ 5-26-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 2-MSH-356  
for 8"  $\phi$  pipe. DCAs M01980-20
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SRN
- 6C. Manufacturer's Serial Number NA RAJ 5-26-92
- 6D. National Board Number (if applicable) NA RAJ 5-26-92
- 6E. Other Identification (subassembly number, heat number etc.) 1 1/2" Plate (HT# 87314  
TS 5X5X1/2 (HT Nos. 812A32150 & 823C62690), 1" Plate (HT Nos. 82147 & B 8400)
- 6F. Year Built 1992 Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Removed existing  
support. Installed new support fabricated from plate  
and tube steel.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure N  Other   
Pressure \_\_\_\_\_ PSI A RAJ 5-26-92 Test Temperature \_\_\_\_\_ °F
9. Remarks \_\_\_\_\_
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RAJ 5-26-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Robert J. Fardis / MODS Date 5-26-92  
Signature \_\_\_\_\_ Organization \_\_\_\_\_
- ANII: E.A. Fardis Date 7-11-92



APPENDIX E  
Part 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER
- DATE 5-26-92  
Sheet Nos. 87 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379
- UNIT:  0,  1,  2  
WID No. WP M1980-01
3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company  
Sequoyah Nuclear Plant Authorization No. N/A  
Address Daisy TN Expiration Date 5-26-92  
City and State
4. Identification of System: No. 001 Name Main Steam
- 5A. Applicable Construction Code ANSI B31.7 19 69 Edition,  
Summer 1970 Addenda Code Case NA RAZ 5-26-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 2-MSH-357  
for 8"  $\phi$  pipe. DCAs M01980-12
- 6B. Name of Manufacturer Basic Engineers  
Address of Manufacturer (if known) Pittsburgh PA
- 6C. Manufacturer's Serial Number 1425
- 6D. National Board Number (if applicable) NA RAZ 5-26-92
- 6E. Other Identification (subassembly number, heat number etc.) RE 422-7 (rear bracket), RE 422-8 (forward bracket), 3/16"  $\phi$  #193 bolts,  
1/2" U-bolt (HT # B3012)
- 6F. Year Built 1980 Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Replaced existing  
PSA-1/4 snubber with new PSA-3 snubber. Installed  
new support steel.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other  \*\*  
Pressure \_\_\_\_\_ PSI Test Temperature \_\_\_\_\_ °F
9. Remarks \* 1" Plate (HT # 7474110), T54X4X1/2 (HT # W03502), 1/2"  $\phi$  nuts  
(HT Nos. 207P871 & D1V319)
- \*\* Functional Test per O-SI-MFT-000-001.0.
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RAZ 5-26-92
11. Applicable Manufacturers Data Report to be attached: Yes  No
- Prepared By: Regina Lantis Signature Organization MODS Date 5-26-92
- ANII: E.H. Farrow Date 7/11/92

FORM NP-1 NPT CERTIFICATE HOLDERS' DATA REPORT FOR COMPONENT SUPPORTS  
As Required by the Provisions of the ASME Code Rules, Section III, Division 1

SHEET 88 of 177

1. Manufactured by Pacific Scientific 1346 S. State College Blvd. Anaheim, Ca. 92803  
(Name and address of NPT Certificate Holder)

2. Manufacturer for Bergen Paterson Pipesupport Corp. 74 S Commerce Way, Woburn, Massachusetts, 01801  
(Name and address of purchaser or owner)

3. Location of Installation Unknown

4. Identification

(a) Component Support I.D. No.	(b) Canadian Registration No.	(c) Applicable Drawings with Last Rev. & Date	(d) Stress Report or Load Capacity Data Sheet	(e) Type of Component Support	(f) Class	(g) Nat'l Board No.	(h) Year Built
(1) 14392-	None	1801106-05-J	DR-1350-Rev. B	Linear	1	None	1980
(2) 14407,							
(3) 14418-14591	"	"	"	"	"	"	"
(4)							
(5)							
(6)							
(7)							
(8)							
(9)							
(10)							

5. Remarks: Built in accordance with TVA/C.P. Braun Design Spec. No 400-20

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that these components supports conform to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Division 1, Edition 1977, Appendix Summer 1977  
Code Case No. 1644-B (Date)

Date 9/25/80 Signed Pacific Scientific by Rosalie S. West  
(NPT Certificate Holder)

Our ASME Certificate of Authorization No. 1198 to use the Component Supports  
(NPT)

Symbol expires Aug. 4, 1981  
(Date)

CERTIFICATION OF DESIGN

Design Information on File at Pacific Scientific

Stress Report or Load Capacity Data Sheets on File at Pacific Scientific

Filed Per NA 3256

Design Specifications Certified by (1) Alex Valsenko PE State California

Reg. No. C22,109

Stress Analysis Report or Load Capacity Data Sheets Certified by (1) Leo E. Ay

State California Reg. No. 13533

(List name only, signature not required.)

Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 8 1/2 in., (2) information in items 1, 2, & 4g on this Data Report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at top of this form.

### CERTIFICATE OF SHOP INSPECTION

The undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of California and employed by HSB&I Co. of Raymond, CA have inspected the component supports described in this Data Report on 9/26/80 and state that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component supports in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the component supports described in this Data 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.

Date 9/26/80  
 Signed W.H. Buckles Commissions CA-1280  
(Natl. Bd., State, Prov., and No.)

### CERTIFICATION OF FIELD INSPECTION

The undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of \_\_\_\_\_ and employed by \_\_\_\_\_ of \_\_\_\_\_ have compared the statements in this Data Report with the described component supports and state that the parts referred to as data items \_\_\_\_\_, not included in the certificate of shop inspection, have been inspected by me and that to the best of my knowledge and belief the NPT Certificate Holder has constructed these component supports in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the component supports described in this Data 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.

Date \_\_\_\_\_  
 Signed \_\_\_\_\_ Commissions \_\_\_\_\_  
(Natl. Bd., State, Prov., and No.)

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 5-26-92  
Sheet Nos. 90 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. WP M1980-01
3. Work Performed by: TVA Type Code Symbol Stamp  
Company  
Sequoyah Nuclear Plant Authorization No. N/A RAJ 5-26-92  
Address  
Daisy TN Expiration Date  
City and State
4. Identification of System: No. 001 Name Main Steam
- 5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
Summer 1970 Addenda Code Case NA RAJ 5-26-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 2-MSH-387  
for 32"  $\phi$  pipe. DCAs M01980-B, -9
- 6B. Name of Manufacturer Basic Engineers  
Address of Manufacturer (if known) Pittsburgh PA
- 6C. Manufacturer's Serial Number 10648
- 6D. National Board Number (if applicable) NA RAJ 5-26-92
- 6E. Other Identification (subassembly number, heat number etc.) NA RAJ 5-26-92
- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Remove  
deleted snubber.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure N/A Other   
Pressure N/A PSI RAJ 5-26-92 Test Temperature N/A °F
9. Remarks
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RAJ 5-26-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Regis A. Lardo | MORS Date 5-26-92  
Signature Organization
- ANI: E.H. Lardo Date 7/11/92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 5-26-92  
Sheet Nos. 91 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. WP M1980-01
3. Work Performed by: TVA Type Code Symbol Stamp  
Company  
Sequoyah Nuclear Plant Authorization No. N RA 5-26-92  
Address  
Daisy TN Expiration Date  
City and State
4. Identification of System: No. 001 Name Main Steam
- 5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
Summer 1970 Addenda Code Case NA RA 5-26-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 2-MSH-391  
for 32"  $\phi$  pipe. DCAs M01980-3, -4, -5
- 6B. Name of Manufacturer Basic Engineers  
Address of Manufacturer (if known) Pittsburgh PA
- 6C. Manufacturer's Serial Number 711
- 6D. National Board Number (if applicable) NA RA 5-26-92
- 6E. Other Identification (subassembly number, heat number etc.) NA RA 5-26-92
- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Remove  
deleted snubber.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure N  Other   
Pressure NA RA 5-26-92 PSI Test Temperature NA RA 5-26-92 °F
9. Remarks
10. SCAR/PER Initiated: Yes  No  Number (if yes) NA RA 5-26-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Roger A. Farris Signature Date 5-26-92  
M005 Organization
- ANII: E.H. Farris Date 7/11/92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 5-26-92  
Sheet Nos. 92 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. WP M1980-01
3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company  
Sequoyah Nuclear Plant Authorization No. N/A Ref 5-26-92  
Address Daisy TN Expiration Date \_\_\_\_\_  
City and State
4. Identification of System: No. 001 Name Main Steam
- 5A. Applicable Construction Code ANSI B31.7 19 69 Edition,  
Summer 1970 Addenda Code Case NA Ref 5-26-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 2-MSH-392  
for 32"  $\phi$  pipe. DCAs M01980-33, -34, 35
- 6B. Name of Manufacturer Basic Engineers  
Address of Manufacturer (if known) Pittsburgh PA
- 6C. Manufacturer's Serial Number 329
- 6D. National Board Number (if applicable) NA Ref 5-26-92
- 6E. Other Identification (subassembly number, heat number etc.) 1/4" Plate (HT# B6463)  
2 1/2" bolts (HT# 21880), 7510X6X1/2 (HT# 405378), Clamp (HT# 9466626), \*
- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Replaced existing  
BE 410 with BE 416N (PSA 35) snubber assembly
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure.  Other  \*\*  
Pressure \_\_\_\_\_ PSI Test Temperature \_\_\_\_\_  $^{\circ}$ F
9. Remarks \* BE 408-7A (pins), BE 422-13 (rear bracket),  
2 1/2"  $\phi$  A563 GRA nuts,  
\*\* Functional test per O-SI-MFT-000-001.0
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) SQPER 91040B
11. Applicable Manufacturers Data Report to be attached: Yes  No
- Prepared By: Agnes A. Landis Signature Organization MODS Date 5-26-92
- ANII: E.R. Landis Date 7/11/82

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER
- DATE 5-26-92  
Sheet Nos. 93 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37279
- UNIT:  0,  1,  2  
WID No. WP M1980-01
3. Work Performed by: TVA Company  
Sequoyah Nuclear Plant Address  
Daisy TN City and State
- Type Code Symbol Stamp \_\_\_\_\_  
Authorization No. N RA 5-26-92  
Expiration Date \_\_\_\_\_
4. Identification of System: No. 001 Name Main Steam
- 5A. Applicable Construction Code ANSI B31.7 19 69 Edition,  
Summer 1970 Addenda Code Case NA RA 5-26-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 2-MSH-393  
for 32"  $\phi$  pipe. DCAs M01980-41, -42
- 6B. Name of Manufacturer Basic Engineers  
Address of Manufacturer (if known) Pittsburgh PA
- 6C. Manufacturer's Serial Number 6897
- 6D. National Board Number (if applicable) NA RA 5-26-92
- 6E. Other Identification (subassembly number, heat number etc.) 1 1/2" Nuts (HT# KB429)  
1 1/2" U-bolt (HT# 0-0383), 1 1/2" Plate (HT# 821V02590), 1/4" Plate (HT# 305-005)
- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Replaced existing  
PSA-10 snubber with PSA-35
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI Test Temperature \_\_\_\_\_ °F
9. Remarks \* W6 X 25 (HT# 68519 & 8-5050), BE 422-13 (rear bracket),  
BE 422-14A (lead attachment)
- \*\* Functional test per D-SI-MFT-000-001.0
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RA 5-26-92
11. Applicable Manufacturers Data Report to be attached: Yes  No
- Prepared By: Roy A. Larkins Signature Organization MODS Date 5-26-92
- ANII: E.R. Larkins Signature Organization \_\_\_\_\_ Date 7/11/92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 5-26-92  
Sheet Nos. 94 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WP M1980-01
3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company  
Sequoyah Nuclear Plant Authorization No. N RA 5-26-92  
Address Daisy TN Expiration Date \_\_\_\_\_  
City and State
4. Identification of System: No. 001 Name Main Steam
- 5A. Applicable Construction Code ANSI B31.7 19 69 Edition,  
Summer 1970 Addenda Code Case NA RA 5-26-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 2-MSH-396  
for 8"  $\phi$  pipe. DCAs M01980-51, -52, -58
- 6B. Name of Manufacturer Basic Engineers  
Address of Manufacturer (if known) Pittsburgh PA
- 6C. Manufacturer's Serial Number \_\_\_\_\_
- 6D. National Board Number (if applicable) NA RA 5-26-92
- 6E. Other Identification (subassembly number, heat number etc.) TS 3X3 (HT# 921151),  
1/2" plate (HT# 021V02590), 3/4" bolts (HT# 4-7479), 3/4" plate (HT# 4114021)
- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Replaced existing  
rigid support with new BE 415 size 1 sway strut. Additional  
support steel installed by TVA.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI NA RA 5-26-92 Test Temperature \_\_\_\_\_ °F
9. Remarks \* 1/2" plate (HT# 04797), BE 422-4 (rear bracket),  
3/4"  $\phi$  A563 Gr A nuts.
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) 5QPER910408
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Roger A. Lambie Organization MODS Date 5-26-92  
Signature \_\_\_\_\_ Date 7/11/92
- ANII: E.H. Ferrell Date \_\_\_\_\_



APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER

DATE 5-26-92  
Sheet Nos. 95 of 177  
(filled in by ISI Programs)

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soudy Daisy, Tennessee 37379

UNIT:  0,  1,  2  
WID No. WP M1980-01

3. Work Performed by: TVA Company  
Sequoyah Nuclear Plant Address  
Daisy TN City and State

Type Code Symbol Stamp \_\_\_\_\_  
Authorization No. N RA 5-26-92  
Expiration Date \_\_\_\_\_

4. Identification of System: No. 001 Name Main Steam

5A. Applicable Construction Code ANSI B31.7 19 69 Edition,  
Summer 1970 Addenda Code Case NA RA 5-26-92

5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda

6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 2-MSH-397  
for 8"  $\phi$  pipe. DCAs M01980-43, -45

6B. Name of Manufacturer Basic Engineers  
Address of Manufacturer (if known) Pittsburgh PA

6C. Manufacturer's Serial Number 19698

6D. National Board Number (if applicable) NA RA 5-26-92

6E. Other Identification (subassembly number, heat number etc.) TS4X4X1/4 (HT# 40421,  
1/4" bolt (HT# 4575E), TS4X4X3/8 (HT# 903963), 1/4" plate (HT# 748381)

6F. Year Built 1982 Code Class 1  2

6G. Repaired  Replaced  Replacement

6H. ASME Code Stamped YES  NO

7. Brief Description of Repair or Replacement Work Performed. Replaced existing  
PSA-1/4 snubber with PSA-1. Additional support  
steel installed by TVA.

8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI Test Temperature \_\_\_\_\_ °F

9. Remarks \* 1/2" U-bolt (HT# 68180), 1/2" nuts (HT# 207P871),  
BE #10-5, 1" plate (HT# 7474110)  
\*\* Functional test per D-SI-MFT-000-001.D.

10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RA 5-26-92

11. Applicable Manufacturers Data Report to be attached: Yes  No

Prepared By: Roy A. Lantis Signature Organization MODS Date 5-26-92

ANII: E.H. Lantis Signature Date 7/1/92

FORM NF-1 NPT CERTIFICATE HOLDING DATA REPORT FOR COMPONENT SUPPORTS\*  
As Required by the Provisions of the ASME Code Rules, Section III, Division 1

\*CORRECTED DATA REPORT

1. Manufactured by Pacific Scientific, Kin-Tech Division  
1346 South State College Blvd., Anaheim, California 92801  
(Name and address of NPT Certificate holder)  
2. Manufacturer for Bergen Paterson Pipesupport Corp. 74C Comm  
Way, Woburn, Massachusetts, 01801  
(Name and address of purchaser or owner)  
3. Location of installation Unknown

4. Identification

(a) Component Support I.D. No.	(b) Canadian Registration No.	(c) Applicable Drawings with Last Rev. & Date	(d) Stress Report or Load Capacity Data Sheet	(e) Type of Component Support	(f) Class	(g) Next Board No.	(h) Year B
(1) <u>19587-19821</u>	<u>None</u>	<u>1801102-05-K</u>	<u>DR-1414-Rev. 0</u>	<u>Linear</u>	<u>1</u>	<u>None</u>	<u>1984</u>
(2) _____							
(3) _____							
(4) _____							
(5) _____							
(6) _____							
(7) _____							
(8) _____							
(9) _____							
(10) _____							

5. Remarks: Corrected Report--Deleted reference to TYA/CY Braun Spec/ct  
Design Spec. to DR 1319

CERTIFICATE OF COMPLIANCE

We certify that the examinations made in this report are correct and that these component supports conform to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Division 1, Edition 1977, Addenda Summer '77  
Code Case No. 1644-5  
Date 4-27-82 Signed Pacific Scientific by Ronald A. Abate  
(NPT Certificate holder)  
Our ASME Certificate of Authorization No. 1198 is used for Component Support  
(NPT)  
Systemal signed Aug. 4, 1984  
(Date)

CERTIFICATION OF DESIGN

Design Information on File at Pacific Scientific  
Stress Report or Load Capacity Data Sheets on File at:  
Pacific Scientific  
Filed Per NA 3256  
Design Specifications Certified by (1) Leo E. Ay PE State California  
Reg. No. 13533  
Stress Analysis Report or Load Capacity Data Sheets Certified by (1) Leo E. Ay  
PE State California Reg. No. 13533  
(1) Last name only, signatures not required.

\* Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 8 1/2 x 11, (2) information in new AC, 4g on this Data Report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at this form.

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of California and employed by HSRI&T Company of Hartford, CT have reviewed documentations described in this Data Report on 4/27/82 and state that to the best of my knowledge and belief the NPT Certificate holder has constructed these component supports in accordance with the ASME Code for Nuclear Power Plant Components.

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

Date 4/27/82  
Signed [Signature] Commission CA-1513  
(Nat'l Bd., State, Prov., and No.)

CERTIFICATION OF FIELD INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of \_\_\_\_\_ and employed by \_\_\_\_\_ of \_\_\_\_\_ have compared the statements in this Data Report with the described component supports and that the parts referred to as data items \_\_\_\_\_, not included in the certificate of shop inspection, have been inspected by me and that to the best of my knowledge and belief the NPT Certificate holder has constructed these component supports in accordance with the ASME Code for Nuclear Power Plant Components.

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

Date \_\_\_\_\_  
Signed \_\_\_\_\_ Commission \_\_\_\_\_  
(Nat'l Bd., State, Prov., and No.)

00041348

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B H F

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 5-26-92  
Sheet Nos. 98 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. WP M1980-01
3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company \_\_\_\_\_  
Sequoyah Nuclear Plant Authorization No. NA RAJ 5-26-92  
Address \_\_\_\_\_  
Daisy TN Expiration Date \_\_\_\_\_  
City and State \_\_\_\_\_
4. Identification of System: No. 001 Name Main Steam
- 5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
Summer 1970 Addenda Code Case NA RAJ 5-26-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 2-MSH-432  
for 32" φ pipe. DCAs M01980-47, -48, -49, -50
- 6B. Name of Manufacturer Basic Engineers  
Address of Manufacturer (if known) Pittsburgh PA
- 6C. Manufacturer's Serial Number 2457 (PSA-100) 3703-2 (rear bracket)
- 6D. National Board Number (if applicable) NA RAJ 5-26-92
- 6E. Other Identification (subassembly number, heat number etc.) 3" φ 4563 GRA nuts,  
3" φ 4-bolt (HT# M39490), TS6X6X 1/2 (HT# 887880), 1" plate (HT# 7474110), \*
- 6F. Year Built 1991/unk Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Replaced existing  
BE 410 size & hydraulic snubber with new PSA-100 mechanical  
snubber. Additional support steel installed by TVA.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure.  Other  ①  
Pressure \_\_\_\_\_ PSI Test Temperature \_\_\_\_\_ °F
9. Remarks \* TS6X6X 1/2 (HT# 862503), 1 1/2" plate (HT# 821V02590),  
1/2" plate (HT# 84797)  
\*\* 3703-3 (rear bracket)  
① Functional test per O-SI-MET-000-001.0.
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RAJ 5-26-92
11. Applicable Manufacturers Data Report to be attached: Yes  No  519 7/11/92  
Prepared By: Roger A. Rankin MDDS Date 5-26-92  
Signature \_\_\_\_\_ Organization \_\_\_\_\_  
ANII: E.R. Jarrett Date 7/11/92  
0296P/dar

APPENDIX E  
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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 5-26-92  
Sheet Nos. 99 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. WP M1980-01
3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company  
Sequoyah Nuclear Plant Authorization No. N RA 5-26-92  
Address Daisy TN Expiration Date \_\_\_\_\_  
City and State
4. Identification of System: No. 001 Name Main Steam
- 5A. Applicable Construction Code ANSI B31.7 19 69 Edition,  
Summer 1970 Addenda Code Case NA RA 5-26-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 2-MSH-433  
for 32"  $\phi$  pipe. DCAs M01980-21, -22
- 6B. Name of Manufacturer Basic Engineers  
Address of Manufacturer (if known) Pittsburgh PA
- 5C. Manufacturer's Serial Number 5755
- 6D. National Board Number (if applicable) NA RA 5-26-92
- 6E. Other Identification (subassembly number, heat number etc.) 1 3/4" nuts, BE 422-13 rear brackets, 2" plate (HT# B9710)
- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Replaced existing  
PSA-10 scrubber with new PSA-35.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI Test Temperature \_\_\_\_\_ °F
9. Remarks \_\_\_\_\_
- NA RA 5-26-92  
\*\* Functional test per SA 0-SI-MFT-000-001.0.
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) SRPER910408
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Roger A. Larkin Signature MCDS Date 5-26-92  
Organization \_\_\_\_\_
- ANII: Eh. Larkin Date 7/11/92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 5-2-92  
Sheet Nos. 100 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. WE M1982-01
3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company  
Sequoyah Nuclear Plant Authorization No. NA RAJ 5-2-92  
Address  
Daisy TN Expiration Date \_\_\_\_\_  
City and State
4. Identification of System: No. 001 Name Main Steam
- 5A. Applicable Construction Code ANSI B31.7 1961 Edition,  
1970 Addenda Code Case NA RAJ 5-2-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 2-MSH-300  
for 32" φ pipe. DCAs M01982-4, -5, -6, -31
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SQN
- 6C. Manufacturer's Serial Number NA RAJ 5-2-92
- 6D. National Board Number (if applicable) NA RAJ 5-2-92
- 6E. Other Identification (subassembly number, heat number etc.) NA RAJ 5-2-92
- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Removed existing  
snubber no longer needed per piping analysis.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure N Other   
Pressure \_\_\_\_\_ PSI A RAJ 5-2-92 Test Temperature \_\_\_\_\_ °F
9. Remarks \_\_\_\_\_
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RAJ 5-2-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Robert D. Larkins MODS Date 5-2-92  
Signature Organization  
ANII: O. E. Maitreffe Date 5-7-92

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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER

DATE 5-2-92  
Sheet Nos. 101 of 177  
(filed in by ISI Programs)

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379

UNIT:  0,  1,  2  
WID No. WP M1982-01

3. Work Performed by: TVA Company  
Sequoyah Nuclear Plant Address  
Daisy TN City and State

Type Code Symbol Stamp \_\_\_\_\_  
Authorization No. NA RA 5-2-92  
Expiration Date \_\_\_\_\_

4. Identification of System: No. 001 Name Main Steam

5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
1970 Addenda Code Case NA RA 5-2-92

5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda

6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 2-MSH-301  
for 32" φ pipe. DCAs M01982-3, -13, -31

6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SQN

6C. Manufacturer's Serial Number NA RA 5-2-92

6D. National Board Number (if applicable) NA RA 5-2-92

6E. Other Identification (subassembly number, heat number etc.) NA RA 5-2-92

6F. Year Built Unknown Code Class 1  2

6G. Repaired  Replaced  Replacement

6H. ASME Code Stamped YES  NO

7. Brief Description of Repair or Replacement Work Performed. Removed existing  
snubber no longer needed per piping analysis.

8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure N Other   
Pressure \_\_\_\_\_ PSI NA RA 5-2-92 Test Temperature \_\_\_\_\_ °F

9. Remarks \_\_\_\_\_

10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RA 5-2-92

11. Applicable Manufacturers Data Report to be attached: Yes  No

Prepared By: Robert G. Lardis Signature MODS Organization  
Date 5-2-92

ANII: C. E. Mital Signature Date 5-7-92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 5-2-92  
Sheet Nos. 102 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WP M1982-01
3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company  
Sequoyah Nuclear Plant Authorization No. NA RAJ 5-2-92  
Address  
Daisy TN Expiration Date \_\_\_\_\_  
City and State
4. Identification of System: No. 001 Name Main Steam
- 5A. Applicable Construction Code ANSI B31.7 19 69 Edition,  
1970 Addenda Code Case NA RAJ 5-2-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 2-MSH-340  
for 32" φ pipe. DCAs M01982-15, -16, -37
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SON
- 6C. Manufacturer's Serial Number NA RAJ 5-2-92
- 6D. National Board Number (if applicable) NA RAJ 5-2-92
- 6E. Other Identification (subassembly number, heat number etc.) NA RAJ 5-2-92
- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Removed existing  
snubber no longer needed per piping analysis.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure N Other   
Pressure \_\_\_\_\_ PSI A RAJ 5-2-92 Test Temperature \_\_\_\_\_ °F
9. Remarks \_\_\_\_\_
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RAJ 5-2-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Roger A. Lando Signature MEDS Organization  
Date 5-2-92  
ANII: C. E. Metcalf Signature Date 5-7-92



APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 5-2-92  
Sheet Nos. 103 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. WP M1982-01
3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company \_\_\_\_\_ Authorization No. NA RAZ 5-2-92  
Sequoyah Nuclear Plant Address \_\_\_\_\_  
Daisy TN City and State \_\_\_\_\_ Expiration Date \_\_\_\_\_
4. Identification of System: No. 001 Name Main Steam
- 5A. Applicable Construction Code ANSI B31.7 19 69 Edition,  
1970 Addenda Code Case NA RAZ 5-2-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 2-MSH-341  
for 32" φ pipe. DCA's M01982-18, -19, -37
- 6B. Name of Manufacturer TVA
- 6C. Manufacturer's Serial Number 50N
- 6D. National Board Number (if applicable) NA RAZ 5-2-92
- 6E. Other Identification (subassembly number, heat number etc.) NA RAZ 5-2-92
- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Removed existing  
snubber no longer needed per piping analysis.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure N Other   
Pressure \_\_\_\_\_ PSI NA RAZ 5-2-92 Test Temperature \_\_\_\_\_ °F
9. Remarks \_\_\_\_\_
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RAZ 5-2-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Robert L. Larkin Signature MODS Organization Date 5-2-92
- ANII: C.E. Metcalfe Signature Date 5-7-92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 5-2-92  
Sheet Nos. 104 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNI:  0,  1,  2  
WIL No. WP M1982-01
3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company  
Sequoyah Nuclear Plant Authorization No. NA RA 5-2-92  
Address  
Daisy TN Expiration Date \_\_\_\_\_  
City and State
4. Identification of System: No. 001 Name Main Steam
- 5A. Applicable Construction Code ANSI B31.7 19 69 Edition,  
1970 Addenda Code Case NA RA 5-2-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 2-MSH-380  
for 32" φ pipe. DCAs M01982-1, -2, -43
- 6B. Name of Manufacturer TVA
- Address of Manufacturer (if known) SON
- 6C. Manufacturer's Serial Number NA RA 5-2-92
- 6D. National Board Number (if applicable) NA RA 5-2-92
- 6E. Other Identification (subassembly number, heat number etc.) NA RA 5-2-92
- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Removed existing  
snubber no longer needed per piping analysis.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure N Other   
Pressure \_\_\_\_\_ PSI A RA 5-2-92 Test Temperature \_\_\_\_\_ °F
9. Remarks \_\_\_\_\_
10. SCAR/PER Initiated: Yes  No  Number (if yes) NA RA 5-2-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Wesley A. Lundy Signature MODS Organization  
Date 5-2-92  
ANII: C. E. Mitecki Signature Date 5-7-92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 5-2-92  
Sheet Nos. 105 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WP M1982-01
3. Work Performed by: TVA Company  
Sequoyah Nuclear Plant Address  
Daisy TN City and State  
Type Code Symbol Stamp \_\_\_\_\_  
Authorization No. NA Ref 5-2-92  
Expiration Date \_\_\_\_\_
4. Identification of System: No. 001 Name Main Steam
- 5A. Applicable Construction Code ANSI B31.7 19 69 Edition,  
1970 Addenda Code Case NA Ref 5-2-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 2-MSH-3B1  
for 32" φ pipe. DCAs M01982-19, -10, -43
- 6B. Name of Manufacturer TVA
- Address of Manufacturer (if known) SN
- 6C. Manufacturer's Serial Number NA Ref 5-2-92
- 6D. National Board Number (if applicable) NA Ref 5-2-92
- 6E. Other Identification (subassembly number, heat number etc.) NA Ref 5-2-92
- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Removed existing  
snubber no longer needed per piping analysis.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure N Other   
Pressure \_\_\_\_\_ PSI A Ref 5-2-92 Test Temperature \_\_\_\_\_ °F
9. Remarks \_\_\_\_\_
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA Ref 5-2-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Robert A. Lamb Signature MORS Organization  
Date 5-2-92  
ANII: C. G. Miteak Signature Date 5-7-92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 4-27-92  
Sheet Nos. 106 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. W.P.M/1982-01
3. Work Performed by: TVA Company  
Type Code Symbol Stamp N/A MB 4-27-92  
SEQUOYAH NUCLEAR PLANT Address  
Authorization No. N/A MB 4-27-92  
SODDY DAISY TENN City and State  
Expiration Date N/A MB 4-27-92
4. Identification of System: No. 01 Name MAIN STEAM
- 5A. Application Construction Code ANSI B31.7 1969 Edition,  
1970 Addenda Code Case N/A MB 4-27-92
- 5B. Application Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) SUPPORT 2-MSH-384 FOR  
32" Ø PIPE, DXA M01982-23, -55
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SQN
- 6C. Manufacturer's Serial Number N/A MB 4-27-92
- 6D. National Board Number (if applicable) N/A MB 4-27-92
- 6E. Other Identification (subassembly number, (heat number) etc.) 2 1/2" (84797)  
2 1" (B2147), ROD 1.25" (8867137), NUTS (240637)
- 6F. Year Built UNKNOWN Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. INSTALLED NEW  
ITEMS 11, 12, 13, 14, 15.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure PSI A MB 4-27-92 Test Temperature \_\_\_\_\_ IF
9. Remarks \_\_\_\_\_
10. CQR/PER Initiated: Yes  No  -- Number (if yes) N/A MB 5-2-92
11. Applicable Manufacturers Data Report to be attached: Yes  No
- Prepared By: Ronald L. Larkin Signature Organization MODS Date 5-2-92
- ANII: C. E. Metcalfe Signature Organization \_\_\_\_\_ Date 5-7-92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 5-2-92  
Sheet Nos. 107 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
So'dy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WP M1982-01
3. Work Performed by: TVA Company  
Sequoyah Nuclear Plant Address  
Daisy TN City and State  
Type Code Symbol Stamp \_\_\_\_\_  
Authorization No. NA RA 5-2-92  
Expiration Date \_\_\_\_\_
4. Identification of System: No. 001 Name Main Steam
- 5A. Applicable Construction Code ASME B31.7 19 69 Edition,  
1970 Addenda Code Case NA RA 5-2-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 2-MSH-420  
for 32" φ pipe. DCAs M01982-1, -2, -49
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SQA
- 6C. Manufacturer's Serial Number NA RA 5-2-92
- 6D. National Board Number: applicable) NA RA 5-2-92
- 6E. Other Identification (assembly number, heat number etc.) NA RA 5-2-92
- 6F. Year Built: Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement: Work Performed. Removed existing  
snubber no longer needed per piping analysis.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure N Other   
Pressure \_\_\_\_\_ PSI NA RA 5-2-92 Test Temperature \_\_\_\_\_ °F
9. Remarks \_\_\_\_\_
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RA 5-2-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Regis A. Lardis Signature MODS Organization Date 5-2-92  
ANII: C.E. Mitche Signature Date 5-7-92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER

DATE 5-2-92  
Sheet Nos. 108 of 177  
(filled in by ISI Programs)

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379

UNIT:  0,  1,  2  
WID No. WP M1982-01

3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company \_\_\_\_\_  
Sequoyah Nuclear Plant Authorization No. NA RAZ 5-2-92  
Address Daisy TN Expiration Date \_\_\_\_\_  
City and State \_\_\_\_\_

4. Identification of System: No. 001 Name Main Steam

5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
1970 Addenda Code Case NA RAZ 5-2-92

5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda

6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 2-MSH-421  
for 32" φ pipe. DCAs M01982-11, -12, -49

6B. Name of Manufacturer TVA

6C. Manufacturer's Serial Number 5QN

6D. National Board Number (if applicable) NA RAZ 5-2-92

6E. Other Identification (subassembly number, heat number etc.) NA RAZ 5-2-92

6F. Year Built Unknown Code Class 1  2

6G. Repaired  Replace  Replacement

6H. ASME Code Stamped Yes  NO

7. Brief Description of Repair or Replacement Work Performed. Removed existing  
snubber no longer needed per piping analysis.

8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure N Other   
Pressure \_\_\_\_\_ PSI NA RAZ 5-2-92 Test Temperature \_\_\_\_\_ °F

9. Remarks \_\_\_\_\_

10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RAZ 5-2-92

11. Applicable Manufacturers Data Report to be attached: Yes  No

Prepared By: Roger A. Larkins Signature MDDS Organization  
Date 5-2-92

ANII: C.E. Mitty Signature Date 5-7-92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 5-2-92  
Sheet Nos. 109 of 177  
(filled in by ISI Programs)

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WP M1982-01

3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company  
Sequoyah Nuclear Plant Authorization No. NA RAZ 5-2-92  
Address  
Daisy TN Expiration Date \_\_\_\_\_  
City and State

4. Identification of System: No. 001 Name Main Steam

5A. Applicable Construction Code ANSI B31.7 19 69 Edition,  
1970 Addenda Code Case NA RAZ 5-2-92

5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda

6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 2-MSH-424  
for 32"  $\phi$  pipe. DCAs M01982-17, -49

6B. Name of Manufacturer TVA

Address of Manufacturer (if known) SN

6C. Manufacturer's Serial Number NA RAZ 5-2-92

6D. National Board Number (if applicable) NA RAZ 5-2-92

6E. Other Identification (subassembly number, heat number etc.) NA RAZ 5-2-92

6F. Year Built Unknown Code Class 1  2

6G. Repaired  Replaced  Replacement

6H. ASME Code Stamped YES  NO

7. Brief Description of Repair or Replacement Work Performed. Removed existing  
snubber no longer needed per piping analysis.

8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure N Other   
Pressure \_\_\_\_\_ PSI A RAZ 5-2-92 Test Temperature \_\_\_\_\_ °F

9. Remarks \_\_\_\_\_

10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RAZ 5-2-92

11. Applicable Manufacturers Data Report to be attached: Yes  No

Prepared By: Roger A. Jandis Signature MODS Organization  
Date 5-2-92

ANII: O.E. Mital Signature Date 5-7-92

0296P/dar

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER

DATE 5-13-92  
Sheet Nos. 110 of 177  
(filled in by ISI Programs)

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379

UNIT:  0,  1,  2  
WID No. WP M3859-01

3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company  
Sequoyah Nuclear Plant Authorization No. NA RAZ 5-13-92  
Address  
Daisy TN Expiration Date \_\_\_\_\_  
City and State

Identification of System: No. 067 Name Essential Raw Cooling Water  
Applicable Construction Code ANSI B31.7 19 69 Edition,  
1970 Addenda Code Case NA RAZ 5-13-92

Applicable Edition of Section XI Utilized for Repairs or Replacements:  
 0, Winter 1981 Addenda

Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Steel Containment Vessel  
Penetration X-59 for 6"  $\phi$  Discharge from 2A Coolers

6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SN

6C. Manufacturer's Serial Number NA RAZ 5-13-92

6D. National Board Number (if applicable) NA RAZ 5-13-92

6E. Other Identification (subassembly number, heat number etc.)  
3/8" plate SA 516 GR 70 (HT # B2365)

6F. Year Built Unknown Code Class  1  2

6G. Repaired  Replaced  Replacement

6H. ASME Code Stamped YES  NO

7. Brief Description of Repair or Replacement Work Performed. Installed  
nozzle reinforcement plates at penetration.

8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI Test Temperature \_\_\_\_\_ °F

9. Remarks \_\_\_\_\_

10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RAZ 5-14-92

11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Roger A. Lardis Signature MODS Date 5-14-92  
Organization

ANII: O.E. Mitchell Date 5-14-92

0296P/dar



APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 5-13-92  
Sheet Nos. 111 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WP M3859-01
3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company  
Sequoyah Nuclear Plant Authorization No. NA RAZ 5-13-92  
Address  
Daisy TN Expiration Date \_\_\_\_\_  
City and State
4. Identification of System: No. 067 Name Essential Raw Cooling Water
- 5A. Applicable Construction Code ANSI B31.7 19 69 Edition,  
1970 Addenda Code Case NA RAZ 5-13-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Steel Containment Vessel  
Penetration X-60 for 6"  $\phi$  Supply to 2B Coolers.
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SN
- 6C. Manufacturer's Serial Number NA RAZ 5-13-92
- 6D. National Board Number (if applicable) NA RAZ 5-13-92
- 6E. Other Identification (subassembly number, heat number etc.)  
3/8" plate SA 516 GR 70 (HT # B2365)
- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Installed  
nozzle reinforcement plates at penetration.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI Test Temperature: \_\_\_\_\_ °F
9. Remarks \_\_\_\_\_
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RAZ 5-14-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Roger A. Zandia MODS Date 5-14-92  
Signature Organization
- ANII: O.E. Metcalfe Date 5-14-92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER

DATE 5-13-92  
Sheet Nos. 112 of 177  
(filled in by ISI Programs)

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379

UNIT:  0,  1,  2  
WID No. WP M3859-01

3. Work Performed by: TVA Company  
Sequoyah Nuclear Plant Address  
Daisy TN City and State

Type Code Symbol Stamp \_\_\_\_\_  
Authorization No. NA RAZ 5-13-92  
Expiration Date \_\_\_\_\_

4. Identification of System: No. 067 Name Essential Raw Cooling Water

5A. Applicable Construction Code ANSI B31.7 19 69 Edition,  
1970 Addenda Code Case NA RAZ 5-13-92

5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda

6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Steel Containment Vessel  
Penetration X-62 for 6"  $\phi$  Supply to 2C Coolers.

6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SQN

6C. Manufacturer's Serial Number NA RAZ 5-13-92

6D. National Board Number (if applicable) NA RAZ 5-13-92

6E. Other Identification (subassembly number, heat number etc.)  
3/8" plate, SA 516 GR 70 (HT # B2365)

6F. Year Built Unknown Code Class 1  2

6G. Repaired  Replaced  Replacement

6H. ASME Code Stamped YES  NO

7. Brief Description of Repair or Replacement Work Performed. Installed  
nozzle reinforcement plates at penetration.

8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI Test Temperature \_\_\_\_\_ °F

9. Remarks \_\_\_\_\_

10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RAZ 5-14-92

11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Roger A. Jandis Signature Organization MODS Date 5-14-92  
ANII: C. E. Vitale Date 5-14-92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER

DATE 5-14-92  
Sheet Nos. 113 of 177  
(filled in by ISI Programs)

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379

UNIT:  0,  1,  2  
WID No. WP M4037-01

3. Work Performed by: TVA Company  
Sequoyah Nuclear Plant Address  
Daisy TN City and State

Type Code Symbol Stamp NA RAZ  
Authorization no. A 5-14-92  
Expiration Date \_\_\_\_\_

4. Identification of System: No. 001 Name Main Steam

5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
1970 Addenda Code Case NA RAZ 5-14-92

5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda

6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 47A400-17-2  
for 2" pipe, DCA Nos. M043037-1602, -003, -054, -055

6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SGN

6C. Manufacturer's Serial Number NA RAZ 5-14-92

6D. National Board Number (if applicable) NA RAZ 5-14-92

6E. Other Identification (subassembly number, heat number etc.) NA RAZ 5-14-92

6F. Year Built Unknown Code Class 1  2

6G. Repaired  Replaced  Replacement

6H. ASME Code Stamped YES  NO

7. Brief Description of Repair or Replacement Work Performed. Remove deleted  
support steel and PSA 1/4 Snubber assembly.

8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI A 5-14-92 Test temperature \_\_\_\_\_ °F

9. Remarks \_\_\_\_\_

10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RAZ 5-14-92

11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Roy A. Janda 1 M005 Date 5-14-92  
Signature Organization Date 5-15-92

ANII: O.E. Miteall Date 5-15-92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 5-14-92  
Sheet Nos. 114 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. IP M4037-01
3. Work Performed by: TVA Type Co. Symbol Stamp \_\_\_\_\_  
Company  
Sequoyah Nuclear Plant Authorization No. N/A RAJ 5-14-92  
Address  
Daisy TN Expiration Date \_\_\_\_\_  
City and State
4. Identification of System: No. 001 Name Main Steam
- 5A. Applicable Construction Code ANSI B31.7 19 69 Edition,  
1970 Addenda Code Case NA RAJ 5-14-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 47A 400-17-12  
for 2" φ pipe. DCA Nos. M4037-010, -011, -012, -013,  
-056, -057, -058.
- 6B. Name of Manufacturer Pacific Scientific/Basic Engineers  
Address of Manufacturer (if known) Anheim CA / Pittsburgh PA
- 6C. Manufacturer's Serial Number NA RAJ 5-14-92
- 6D. National Board Number (if applicable) NA RAJ 5-14-92
- 6E. Other Identification (subassembly number, heat number etc.) PSA-1 Snubber (SN 19683)  
1/4" φ SA193 bolts (HT # 4575E) BE 408-2A 1/2" φ pins, BE 416-3 end attachment, BE 412-2 Clamp Assembly,  
BE 410-5 Rear Bracket
- 6F. Year Built 1982 Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Removed existing  
support. Installed new PSA-1 snubber assembly. New  
support steel installed by TVA.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI Test Temperature \_\_\_\_\_ °F
9. Remarks \* Snubber functional test O-SI-MFT-000-001.0
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) SQPER 970408 RAJ
11. Applicable Manufacturers Data Report to be attached: Yes  No  5-14-92  
Prepared By: Roger G. Landis MODS Date 5-14-92  
Signature Organization Date 5-15-92
- ANII: C. E. McTeague Date 5-15-92

FORM NP-1 NPT CERTIFICATE HOLDING DATA REPORT FOR COMPONENT SUPPORTS\*  
As Required by the Provisions of the ASME Code Rules, Section III, Division 1

1. Manufactured by Pacific Scientific, Kin-Tech Division  
1346 South State College Blvd., Anaheim, California 92803  
Bergen Paterson Pipesupport Corp. 74C Commerce  
Way, Woburn, Massachusetts, 01801  
(Name and address of NPT Certificate holder)

2. Manufacturer for Unknown  
(Name and address of purchaser or owner)

3. Location of Installation Unknown

4. Identifications

(a) Component Support I.D. No.	(b) Canadian Registration No.	(c) Applicable Drawings with Last Rev. & Date	(d) Stress Report or Load Capacity Data Sheet	(e) Type of Component Support	(f) Class	(g) Nail Board No.	(h) Year Built
(1) <u>19587-19821</u>	<u>NONE</u>	<u>1801102-05-R</u>	<u>DR-1414-REV. 0</u>	<u>Linear</u>	<u>1</u>	<u>NONE</u>	<u>1982</u>
(2)							
(3)							
(4)							
(5)							
(6)							
(7)							
(8)							
(9)							
(10)							

5. Remarks: Corrected Report--Deleted reference to TVA/CF Braun Spec/changed  
Design Spec. to DR 1319

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that these components supports conform to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Division 1, Edition 1977, Addenda Summer '77  
Code Case No. 1644-5 (Date)

Date 4-27-82 Signed Pacific Scientific by Ronald A. Nason  
(NPT Certificate holder)

Our ASME Certificate of Authorization No. 1198 so use the Component Support  
(NPT)

Expiry date Aug. 4, 1984  
(Date)

CERTIFICATION OF DESIGN

Design information on file at Pacific Scientific

Stress Report or Load Capacity Code Sheets on file at:  
Pacific Scientific  
Filed Per NA 3256

Design Specifications Certified by (1) \*Leo E. Ay PE State California  
Reg. No. 13533

Stress Analysis Report or Load Capacity Data Sheets Certified by (1) Leo E. Ay  
PE State California Reg. No. 13533

(1) Last name only, signature not required.

\*Supplemental sheets in form of lists, sketches or drawings may be used provided (1) size is 8 1/2 in., (2) information in items 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 on this Data Report is included on each sheet, and (3) each sheet is numbered and number of sheets is recorded at top of this form.

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of California and employed by ESBILI Company of Hartford, CT have reviewed documentations described in this Data Report on 4/27/82 to and state that to the best of my knowledge and belief the NPT Certificate holder has constructed these component supports in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the component supports described in this Data 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.

Date 4/27/82  
Signed [Signature] Commissioners CS-1513  
(Natl Bd., State, Prov., and No.)

CERTIFICATION OF FIELD INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of \_\_\_\_\_ and employed by \_\_\_\_\_ of \_\_\_\_\_ have compared the statements in this Data Report with the described component supports and state that the parts referred to as data items \_\_\_\_\_, not included in the certificate of shop inspection, have been inspected by me and that to the best of my knowledge and belief the NPT Certificate holder has constructed these component supports in accordance with the ASME Code for Nuclear Power Plant Components.

By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the component supports described in this Data 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.

Date \_\_\_\_\_  
Signed \_\_\_\_\_ Commissioners \_\_\_\_\_  
(Natl Bd., State, Prov., and No.)

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APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 5-14-92  
Sheet Nos. 117 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WP M4037-01
3. Work Performed by: TVA Company  
Sequoyah Nuclear Plant Address  
Daisy TN City and State  
Type Code Symbol Stamp N RAZ  
Authorization No. A 5-14-92  
Expiration Date \_\_\_\_\_
4. Identification of System: No. 001 Name Main Steam
- 5A. Applicable Construction Code ANSI B31.7 19 69 Edition,  
1970 Addenda Code Case NA RAZ 5-14-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 47A400-17-15  
for 2"  $\phi$  pipe, DCA Nos. M04037-017, -018, -019, -056  
-057, -058, Drg. 47AC53-502 (old Supt. ID 2-MST-007-04)
- 6B. Name of Manufacturer TVA / Basic Engineers  
Address of Manufacturer (if known) SGN / Pittsburgh PA
- 6C. Manufacturer's Serial Number NA RAZ 5-14-92
- 6D. National Board Number (if applicable) NA RAZ 5-14-92
- 6E. Other Identification (subassembly number, heat number etc.) BE 410-5  
Rear Brackets
- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Replaced existing  
BE-200 beam attachments with BE 410-5 rear brackets.
8. Tests Conducted: Hydrostatic  N Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI A RAZ Test Temperature \_\_\_\_\_ °F
9. Remarks \_\_\_\_\_
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RAZ 5-14-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Roger A. Lando i MODS Date 5-14-92  
Signature Organization Date 5-15-92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 5-14-92  
Sheet Nos. 118 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. WP M4037-01
3. Work Performed by: TVA Company Type Code Symbol Stamp  
Sequoyah Nuclear Plant Address Authorization No. N RAZ A 5-14-92  
Daisy TN City and State Expiration Date
4. Identification of System: No. 001 Name Main Steam
- 5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
1970 Addenda Code Case NA RAZ 5-14-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 47A400-17-17  
for 2"  $\phi$  pipe, DCA Nos. M4037-020, -021, -022, -056,  
-057, -058, Drg. 47A053-466
- 6B. Name of Manufacturer TVA / Basic Engineers  
Address of Manufacturer (if known) 50N / Pittsburgh PA
- 6C. Manufacturer's Serial Number NA RAZ 5-14-92
- 6D. National Board Number (if applicable) NA RAZ 5-14-92
- 6E. Other Identification (subassembly number, heat number etc.) BE 123 Clamp,  
1/2" A36 Plate (HT# 84797), 3/8" A36 Plate (HT# 421X3991), TS 3X3X1/4  
(HT# 921151), \*
- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Installed new  
pipe clamp assembly, tube steel and plates. Trim existing  
bottom lmg to provide clearance to existing tube steel.
8. Tests Conducted: Hydrostatic  N Pneumatic   
Nominal Operating Pressure  Other   
Pressure PSI A RAZ Test Temperature 5-14-92 °F
9. Remarks \* 3/8"  $\phi$  SA307 bolts (HT# RR37253), 1/2"  $\phi$  SA194 nuts (HT# 6014709)  
1/2"  $\phi$  threaded studs SA193 (HT# 8095014)
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RAZ 5-14-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Ronald G. Jandis Signature Organization MODS Date 5-14-92
- ANII: O. E. [Signature] Date 5-15-92



APPENDIX E  
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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 5-14-92  
Sheet Nos. 119 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. WP M4037-01
3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company \_\_\_\_\_ Authorization No. N RAZ  
Sequoyah Nuclear Plant Address \_\_\_\_\_ A 5-14-92  
Daisy TN City and State \_\_\_\_\_ Expiration Date \_\_\_\_\_
4. Identification of System: No. 001 Name Main Steam
- 5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
1970 Addenda Code Case NA RAZ 5-14-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 2-MST-007-009  
for 2" pipe, DCA Nos. M4037-02B, -056, -057, -058.  
Drg. 47A053-498
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SN
- 6C. Manufacturer's Serial Number NA RAZ 5-14-92
- 6D. National Board Number (if applicable) NA RAZ 5-14-92
- 6E. Other Identification (subassembly number, heat number etc.) NA RAZ 5-14-92
- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Removed deleted  
spring can and structural steel. Support no longer  
required per design piping analysis.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI N Test Temperature \_\_\_\_\_ °F
9. Remarks \_\_\_\_\_
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RAZ 5-14-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Reginald Lardol MODS Date 5-14-92  
Signature \_\_\_\_\_ Organization \_\_\_\_\_  
ANI: C. E. Atchey Date 5-15-92  
0296P/dar

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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 5-14-92  
Sheet Nos. 120 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WP M4037-01
3. Work Performed by: TVA Company  
Sequoyah Nuclear Plant Address  
Daisy TN City and State  
Type Code Symbol Stamp N RAZ  
Authorization No. A 5-14-92  
Expiration Date \_\_\_\_\_
4. Identification of System: No. 001 Name Main Steam
- 5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
1970 Addenda Code Case NA RAZ 5-14-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 47A400-17-4  
for 2"  $\phi$  pipe, DCA Nos. M04037-024, -025, -056, -057,  
-058
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SN
- 6C. Manufacturer's Serial Number NA RAZ 5-14-92
- 6D. National Board Number (if applicable) NA RAZ 5-14-92
- 6E. Other Identification (subassembly number, heat number etc.) NA RAZ 5-14-92
- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Removed existing  
PSA 1/4 snubber body. Pipe clamp left in place to  
maintain rigid lateral support.
8. Tests Conducted: Hydrostatic  N Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI A RAZ 5-14-92 Test Temperature \_\_\_\_\_ °F
9. Remarks \_\_\_\_\_
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RAZ 5-14-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Roger A. Jardis Signature MODS Organization  
Date 5-14-92
- ANII: O.E. McTeague Signature Date 5-15-92

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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER
- DATE 5-14-92  
Sheet Nos. 121 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379
- UNIT:  0,  1,  2  
WID No. WP M4037-01
3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company \_\_\_\_\_  
Sequoyah Nuclear Plant Authorization No. N RAZ  
Address \_\_\_\_\_ A 5-14-92  
Daisy TN Expiration Date \_\_\_\_\_  
City and State \_\_\_\_\_
4. Identification of System: No. 001 Name Main Steam
- 5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
1970 Addenda Code Case NA RAZ 5-14-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 47A400-17-9  
for 2" pipe, DCA Nos. M04037-029, -030, -031, -C 9-064.  
Dwg. 47A053-1082 (Old ID 2-MST-008-08)
- 6B. Name of Manufacturer: TVA  
Address of Manufacturer (if known) SN
- 6C. Manufacturer's Serial Number NA RAZ 5-14-92
- 6D. National Board Number (if applicable) NA RAZ 5-14-92
- 6E. Other Identification (subassembly number, heat number etc.) NA RAZ 5-14-92
- 6F. Year Built Unknown Code Class 1
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Removed existing  
lateral PSA 1/2 snubber assembly and support steel. Spring  
can assembly left in place.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI N A RAZ Test Temperature \_\_\_\_\_ °F  
5-14-92
9. Remarks \_\_\_\_\_
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) RAZ 5-14-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Roger A. Fardis | MDS Date 5-14-92  
Signature \_\_\_\_\_ Organization \_\_\_\_\_
- ANII: C.E. Mitecky Date 5-15-92
- 0296P/dar

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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 5-14-92  
Sheet Nos. 122 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. WP M4037-01
3. Work Performed by: TVA Type Code Symbol Stamp  
Company Sequoyah Nuclear Plant Authorization No. N/RAZ  
Address Daisy TN Expiration Date A 5-14-92  
City and State
4. Identification of System: No. 001 Name Main Steam
- 5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
1970 Addenda Code Case NA RAZ 5-14-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 47A400-18-1  
for 2" pipe, DCA Nos. M4037-032, -033, -034, -035,  
-053. Drg. 47A053-500
- 6B. Name of Manufacturer TVA/Basic Engineers  
Address of Manufacturer (if known) SN/Pittsburgh PA
- 6C. Manufacturer's Serial Number NA RAZ 5-14-92
- 6D. National Board Number (if applicable) NA RAZ 5-14-92
- 6E. Other Identification (subassembly number, heat number etc.) BE 402 Size 2  
Type F Spring Can 1" A36 Plate (HT# B2147)
- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Replaced existing  
BE 402 Size 3 Type F spring can with new spring can.
8. Tests Conducted: Hydrostatic  N Pneumatic   
Nominal Operating Pressure  Other   
Pressure PSI A RAZ Test Temperature 5-14-92 °F
9. Remarks \_\_\_\_\_
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RAZ 5-14-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Roger L. Lando 1 MODS Date 5-14-92  
Signature Organization Date 5-15-92
- ANII: C.E. Metcalfe Date 5-15-92

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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER

DATE 5-14-92  
Sheet Nos. 123 of 177  
(filled in by ISI P .grams)

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379

UNIT:  0,  1,  2  
WID No. WP M4037-01

3. Work Performed by: TVA Company  
Sequoyah Nuclear Plant Address  
Daisy TN City and State

Type Code Symbol Stamp N RAZ  
Authorization No. A 5-14-92  
Expiration Date \_\_\_\_\_

4. Identification of System: No. 001 Name Main Steam

5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
1970 Addenda Code Case NA RAZ 5-14-92

5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda

5A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 47A400-17-1  
for 2" φ pipe, DCA Nos. M04037-036, -037, -053

6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SN

6C. Manufacturer's Serial Number NA RAZ 5-14-92

6E. National Board Number (if applicable) NA RAZ 5-14-92

6E. Other Identification (subassembly number, heat number etc.) NA RAZ 5-14-92

6F. Year Built Unknown Code Class 1  2

6G. Repaired  Replaced  Replacement

6H. ASME Code Stamped YES  NO

Brief Description of Repair or Replacement Work Performed. Removed existing  
PSA 1 snubber assembly and support steel. Existing spring  
can assembly reset and maintained in place.

8. Tests Conducted: Hydrostatic  N Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI A RAZ Test Temperature \_\_\_\_\_ °F  
5-14-92

9. Remarks \_\_\_\_\_

10. SCAR/PER Initiated: Yes  No  Number (if yes) NA RAZ 5-14-92

11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Roger A. Jando Organization MODS Date 5-14-92  
Signature \_\_\_\_\_ Date 5-15-92

ANII: C. E. Altobelli  
0296P/dar

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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 5/21/92  
Sheet Nos. 124 of 177  
(filled in by ISI Programs)

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WPM4039-01

3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company SEQUOYAH NUCLEAR PLANT Authorization No. NUR A 5/21/92  
Address SODDY DAISY, TN Expiration Date \_\_\_\_\_  
City and State

4. Identification of System: No. 72 Name CONTAINMENT SPRAY  
5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
THRU SUMMER 1970 Addenda Code Case NIA UR 5/21/92  
5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda  
6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) SUPPORT 2-CSH-6  
FOR 12"  $\phi$  PIPE, DCA'S M04039-51, -52

6B. Name of Manufacturer BASIC ENGINEERS  
Address of Manufacturer (if known) Pittsburgh PA  
6C. Manufacturer's Serial Number NA Pat 5/21/92  
6D. National Board Number (if applicable) NIA UR 5/21/92  
6E. Other Identification (subassembly number, heat number etc.) BE-415,  
SIZE 3 & BE-412-5 CLAMP  
6F. Year Built UNKNOWN Code Class 1  2   
6G. Repaired  Replaced  Replacement   
6H. ASME Code Stamped YES  NO

7. Brief Description of Repair or Replacement Work Performed. REMOVED  
SNUBBER & INSTALLED STRUT & CLAMP

8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI NIA UR 5/21/92 Test Temperature \_\_\_\_\_ °F

9. Remarks \_\_\_\_\_

10. SCAR/PER Initiated: Yes  No  -- Number (if yes) \_\_\_\_\_

11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Danny L. Vitchey 1 MOOS B Date 5/21/92  
Signature Organization Date 5-28-92.

ANII: C. E. Mitecki  
0296P/dar

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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER
- DATE 5/21/92  
Sheet Nos. 125 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379
- UNIT:  0,  1,  2  
WID No. WPMAC39-01
3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company  
SEQUOYAH NUCLEAR PLANT Authorization No. NLR A 5/21/92  
Address  
SODDY DAISY, TN Expiration Date \_\_\_\_\_  
City and State
4. Identification of System: No. 72 Name CONTAINMENT SPRAY
- 5A. Applicable Construction Code ANSI B31.7 19 69 Edition,  
THRU SUMMER 1970 Addenda Code Case N/A LR 5/21/92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) SUPPORT 2-CSH-36  
FOR 12" φ PIPE, DCA'S MO4039-49, -50
- 6B. Name of Manufacturer BASIC ENGINEERS  
Address of Manufacturer (if known) Pittsburgh PA
- 6C. Manufacturer's Serial Number NA Rpt 5/21/92
- 6D. National Board Number (if applicable) N/A LR 5/21/92
- 6E. Other Identification (subassembly number, heat number etc.) BE-415,  
SIZE 2 W/BE 412N-4 CLAMP
- 6F. Year Built UNKNOWN Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. REMOVED  
SNOBBER & INSTALLED STRUT W/CLAMP
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI N/A LR 5/21/92 Test Temperature \_\_\_\_\_ °F
9. Remarks \_\_\_\_\_
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) \_\_\_\_\_
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Jerry L. Ritchey / MODS B Date 5/21/92  
Signature Organization Date 5-28-92
- ANII: C. E. McTeal Date 5-28-92

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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER

DATE 5/21/92  
Sheet Nos. 126 of 177  
(filled in by ISI Programs)

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379

UNIT:  0,  1,  2  
WID No. L'PMA039-01

3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company  
SEQUOYAH NUCLEAR PLANT Authorization No. NLR A 5/21/92  
Address  
SODDY DAISY, TN Expiration Date \_\_\_\_\_  
City and State

4. Identification of System: No. 72 Name CONTAINMENT SPRAY

5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
THRU SUMMER 1970 Addenda Code Case N/A NLR 5/21/92

5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda

6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) SUPPORT 47A437-4-10  
FOR 8" Φ PIPE, DCA'S M04039-53, -54

6B. Name of Manufacturer PACIFIC SCIENTIFIC (BASIC ENGINEERS)  
Address of Manufacturer (if known) Pittsburgh PA

6C. Manufacturer's Serial Number 16337

6D. National Board Number (if applicable) N/A NLR 5/21/92

6E. Other Identification (subassembly number, heat number etc.) BE-416N w/  
BE 41B-1 CLAMP & HT #S 401B0241, W04213

6F. Year Built UNKNOWN Code Class 1  2

6G. Repaired  Replaced  Replacement

6H. ASME Code Stamped YES  NO

7. Brief Description of Repair or Replacement Work Performed.  
REPLACED SNUBBER & ADD NEW TS & FP

8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI N/A NLR 5/21/92 Test Temperature \_\_\_\_\_ °F

9. Remarks \_\_\_\_\_

10. SCAR/PER Initiated: Yes  No  -- Number (if yes) \_\_\_\_\_

11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Larry L. Pritchey 1 MODS B Date 5/21/92  
Signature Organization Date 5-28-92

ANII: OE Metcalf Date 5-28-92



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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 5/21/92  
Sheet Nos. 127 of 177  
(filled in by ISI Programs)

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WP M-639-01

3. Work Performed by: TVA Company  
Sequoyah Nuclear Plant Address  
Daisy TN City and State  
Type Code Symbol Stamp  
Authorization No. NA RAJ 5-21-92  
Expiration Date

4. Identification of System: No. 072 Name Containment Spray  
5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
Summer 1970 Addenda Code Case NA RAJ 5-22-92

5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda

6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 47A437-4-11  
for 8" φ pipe, DCAs M04039-45, -46

6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SRN

6C. Manufacturer's Serial Number NA RAJ 5-22-92

6D. National Board Number (if applicable) NA RAJ 5-22-92

6E. Other Identification (subassembly number, heat number etc.)  
1" plate (HT# B2408), TS 5X5X3/8 (HT# B2558)

6F. Year Built Unknown Code Class 1  2

6G. Repaired  Replaced  Replacement

6H. ASME Code Stamped YES  NO

7. Brief Description of Repair or Replacement Work Performed. Installed  
new tube steel brace with plate and anchors.

8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure PSI Test Temperature °F

9. Remarks

10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RAJ 5-22-92

11. Applicable Manufacturers Data Report to be attached: Yes  No

Prepared By: Roger A. Landis Signature Organization MODS Date 5-22-92

ANII: C. E. M. [Signature] Date 5-28-92

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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 5/21/92  
Sheet Nos. 128 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. WP M4039-01
3. Work Performed by: TVA Company Type Code Symbol Stamp \_\_\_\_\_  
Sequoyah Nuclear Plant Address Authorization No. N/A RAJ 5-22-92  
Daisy TN City and State Expiration Date \_\_\_\_\_
4. Identification of System: No. 072 Name Containment Spray
- 5A. Applicable Construction Code ANSI B31.7 1969 Edition, Addenda Code Case NA RAJ 5-22-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and Location as needed to aid in identification) Support 2-CSH-60  
for 8"  $\phi$  pipe, DCAs M04039-02, -43, -44
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SRN
- 6C. Manufacturer's Serial Number NA RAJ 5-22-92
- 6D. National Board Number (if applicable) NA RAJ 5-22-92
- 6E. Other Identification (subassembly number, heat number etc.) TS6X6X1/2 (HT# 862505)  
NAX13 (HT# 47914), 3/4" plate (HT# 4119821)
- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Installed  
new tube steel Kicker and base plate assembly.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure N Other   
Pressure \_\_\_\_\_ PSI A RAJ 5-22-92 Test Temperature \_\_\_\_\_ °F
9. Remarks \_\_\_\_\_
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RAJ 5-22-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Roger A. Lardis 1 MODS Date 5-22-92  
Signature Organization Date 5-28-92
- ANII: C. E. Metcalfe  
0296P/dar

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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY NUCLEAR POWER DATE 5-22-92  
Sheet Nos. 129 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. WP M4039-01

3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company \_\_\_\_\_  
Sequoyah Nuclear Plant Authorization No. N/A RAJ 5-22-92  
Address \_\_\_\_\_  
Daisy TN Expiration Date \_\_\_\_\_  
City and State \_\_\_\_\_

4. Identification of System: No. 063 Name Safety Injection  
5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
Summer 1970 Addenda Code Case NA RAJ 5-22-92

- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and Location as needed to aid in identification) Support 2-SIH-250 for 8" φ pipe. DCAs M04039-55, -56, -57

- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SGN

- 6C. Manufacturer's Serial Number NA RAJ 5-22-92  
6D. National Board Number (if applicable) NA RAJ 5-22-92

- 6E. Other Identification (subassembly number, heat number etc.) 1/2" Plate (HT Nos. 40180241 & 84797), T56X6X1/2 (HT# 862503)

- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement

- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Installed new tube steel Kickers and clamp stiffeners.

8. Tests Conducted: Hydrostatic  N Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI N/A RAJ 5-22-92 Test Temperature \_\_\_\_\_ °F

9. Remarks \_\_\_\_\_

10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RAJ 5-22-92

11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Roger A. Landis MOUS Date 5-22-92  
Signature \_\_\_\_\_ Organization \_\_\_\_\_

- ANII: O.E. Metcalfe Date 5-28-92  
0296P/dar

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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER
- DATE 5-22-92  
Sheet Nos. 130 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYA NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379
- UNIT:  0,  1,  2  
WID No. WP M4039-01
3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company \_\_\_\_\_  
Sequoyah Nuclear Plant Authorization No. NA RAJ 5-22-92  
Address \_\_\_\_\_  
Daisy TN Expiration Date \_\_\_\_\_  
City and State \_\_\_\_\_
4. Identification of System: No. 063 Name Safety Injection
- 5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
Summer 1970 Addenda Code Case NA RAJ 5-22-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 2-SIH-469  
for 4"  $\phi$  pipe. DCAs M4039-47, -48
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SON
- 6C. Manufacturer's Serial Number NA RAJ 5-22-92
- 6D. National Board Number (if applicable) NA RAJ 5-22-92
- 6E. Other Identification (subassembly number, heat number etc.)  
1/2" Plate (HT# 401B0241), 1/4" Plate (HT# 922W7911)
- 6F. Year Built Unknown Code Class  1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Installed  
new extensions to baseplates, anchors, and  
stiffener plates.
8. Tests Conducted: Hydrostatic  N Pneumatic   
Nominal Operating Pressure   
Pressure \_\_\_\_\_ PSI NA RAJ 5-22-92 Test Temperature \_\_\_\_\_ °F
9. Remarks \_\_\_\_\_
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RAJ 5-22-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Roger A. Landia MDDS Date 5-22-92  
Signature \_\_\_\_\_ Organization \_\_\_\_\_  
ANII: O.E. McCreary Date 5-28-92  
0296P/dar

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NIS-2 ATTACHMENT

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1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379
3. Work Performed by: TVA Company  
Sequoyah Nuclear Plant Address  
Daisy TN City and State
4. Identification of System: No. 063 Name Safety Injection
- 5A. Applicable Construction Code ANSI B31.7 19 69 Edition,  
Summer 1970 Addenda Code Case NA RA 5-2-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description: (Include size, capacity, material, and  
Location as needed to aid in identification) Support 2-SIH-808 for  
8" φ pipe, RB2, Az 38°, RAD 20'-10", EL 703'-9".  
DCA, MP4040-13, -14, -20
- 6B. Name of Manufacturer: TVA  
Address of Manufacturer (if known) SN
- 6C. Manufacturer's Serial Number NA RA 5-2-92
- 6D. National Board Number (if applicable) NA RA 5-2-92
- 6E. Other Identification (subassembly number, heat number etc.) TS 4X4X3/8 (HT# 873940),  
3/8 Plate (HT# 411T3951)
- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Replaced existing  
structural channels with tube steel and installed 3/8"  
plate stiffeners between tube steel and base plate.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure      PSI Test Temperature      °F
9. Remarks
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RA 5-2-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Ross A. Landis Signature Organization MODS Date 5-2-92  
ANII: O.E. Witalis Signature Organization      Date 5-5-92

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WF ~~4040-01~~  
PAGE ~~X-AD/OP~~

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 4-30-92  
Sheet Nos. 132 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. WP M4040-01
3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company \_\_\_\_\_  
Sequoyah Nuclear Plant Authorization No. N/A RAZ 4-30-92  
Address \_\_\_\_\_  
Daisy TN Expiration Date \_\_\_\_\_  
City and State \_\_\_\_\_
4. Identification of System: No. 063 Name Safety Injection
- 5A. Applicable Construction Code ANSI B31.7 19 69 Edition,  
Summer 1970 Addenda Code Case NA RAZ 4-30-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Pipe Support 2-SIH-001  
for 10"  $\phi$  Pipe. RB2 Az 35°, RAD 53'-6", EL 702, Acc #1  
DCA = M4040-B, -9
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SQN
- 6C. Manufacturer's Serial Number NA RAZ 4-30-92
- 6D. National Board Number (if applicable) NA RAZ 4-30-92
- 6E. Other Identification (subassembly number, heat number etc.) NA RAZ 4-30-92
- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Added welds  
between items 1, 2, and 3.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure N Other   
Pressure \_\_\_\_\_ PSI NA RAZ 4-30-92 Test Temperature \_\_\_\_\_ °F
9. Remarks \_\_\_\_\_
10. SCAR/PER Initiated: Yes  No  Number (if yes) NA RAZ 4-30-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Roger A. Jarvis Signature MADS Organization Date 4-30-92  
ANII: C.E. McCreedy Signature Date 5-1-92
- 0296P/dar

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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 4/27/92  
Sheet Nos. 133 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. M4040-01 (WP)
3. Work Performed by: TVA Company  
SEQUOYAH NUCLEAR PLANT Address  
DAISY, TN City and State  
Type Code Symbol Stamp N/A BWH 4/27/92  
Authorization No. N/A BWH 4/27/92  
Expiration Date N/A BWH 4/27/92
4. Identification of System: No. 63 Name SAFETY INJECTION
- 5A. Applicable Construction Code ANSI B31.7 19 69 Edition,  
SUMMER 70 Addenda Code Case N/A BWH 4/27/92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) PIPE SUPPORT 2514-203 ON 8" PIPE  
BR 2, A2/B3, RAD 20', EL 702.3, COOP 83 DCA M4040-12
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SON
- 6C. Manufacturer's Serial Number N/A BWH 4/27/92
- 6D. National Board Number (if applicable) N/A BWH 4/27/92
- 6E. Other Identification (subassembly number, heat number etc.) DELETED SUPPORT  
NO NEW ITEMS/MAT'L INSTALLED
- 6F. Year Built UNKNOWN Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. REMOVED SUPPORT  
DUE TO NEW PIPING ANALYSIS
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure      PSI Test Temperature      °F
9. Remarks N/A BWH 4/27/92
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) N/A BWH 4/27/92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: [Signature] M-PS Date 4-27-92  
Signature Organization Date 5-1-92

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1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 4/27/92  
Sheet Nos: 134 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WPN4040-01
3. Work Performed by: TVA Company  
SEQUOYAH NUCLEAR PLANT Address  
DAISY, TN City and State  
Type Code Symbol Stamp N/A RWH 4/27/92  
Authorization No. N/A RWH 4/27/92  
Expiration Date N/A RWH 4/27/92
4. Identification of System: No. 67 Name SAFETY INJECTION
- 5A. Applicable Construction Code ASME B31.7 1968 Edition,  
SUMMER 70 Addenda Code Case N/A RWH 4/27/92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) PIPE SUPPORT 2514809 FOR 6" φ PIPE  
RR2, A2 32°, RAD 20'-7, ELEV 702'3, LOOP #1 DCA M4040-15
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) EQN
- 6C. Manufacturer's Serial Number N/A RWH 4/27/92
- 6D. National Board Number (if applicable) N/A RWH 4/27/92
- 6E. Other Identification (subassembly number, heat number etc.) NO NEW MAT'L INSTALLED
- 6F. Year Built UNKNOWN Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. DEACTIVATED  
PIPE SUPPORT BY NOTCHING A 1" MIN / 2 1/4" MAX NOTCH IN EXISTING 1/2 X 40 BEAM,  
WHICH PREVIOUSLY PROVIDED VERTICAL RESTRAINT.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI Test Temperature \_\_\_\_\_ °F
9. Remarks N/A RWH 4/27/92
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) N/A RWH 4/27/92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: [Signature] 4/27/92 Mors Date 4/27/92  
Signature Organization Date 5-1-92



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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 4/27/92  
Sheet Nos. 135 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. NIP 114040-01
3. Work Performed by: TVA Company  
SEQUOYAH NUCLEAR PLANT Address  
DAISY, TN City and Sta  
Type Code Symbol Stamp N/A BMD 4/27/92  
Authorization No. N/A BMD 4/27/92  
Expiration Date N/A BMD 4/27/92
4. Identification of System. No. 63 Name SAFETY INJECTION
- 5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
SUMMER 70 Addenda Code Case N/A BMD 4/27/92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) PIPE SUPPORT 2-SIA-B12 FOR 2" PIPE  
R22, A2 35°, RAD 52° R, EL. 705'10, ACC. RM #1 DCA 114040-16
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SON
- 6C. Manufacturer's Serial Number N/A BMD 4/27/92
- 6D. National Board Number (if applicable) N/A BMD 4/27/92
- 6E. Other Identification (subassembly number, heat number etc.) N/A # J 8302 FOR  
ANGLE 3x3x1/4
- 6F. Year Built UNKNOWN Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. CHANGED SUPPORT FUNCTION  
FROM A DEAD WEIGHT SUPPORT TO A RIGID RESTRAINT IN THE Y DIRECTION BY INSTALL (3)  
NEW PIECES OF 3X3X1/4 ANGLE.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI Test Temperature \_\_\_\_\_ °F
9. Remarks N/A BMD 4/27/92
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) N/A BMD 4/27/92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: [Signature] 1 4/27/92 NODS Date 4/27/92  
Signature Organization Date 5-1-92
- ANII: [Signature] Date 5-1-92
- 0296P/dar

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER
- DATE: 3-19-92  
Sheet Nos. 136 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379
- UNIT:  0,  1,  2  
WID No. WP M05421-01
3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company  
Sequoyah Nuclear Plant Authorization No. NA RAZ  
Address Daisy, TN Expiration Date 3-19-92  
City and State
4. Identification of System: No. 74 Name Residual Heat Removal
- 5A. Application Construction Code ANSI B31.7 1969 Edition,  
1970 Addenda Code Case NA RAZ 3-19-92
- 5B. Application Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 2-PHRH-430  
for 8" φ Pipe, DCAs M05421-24 & 25.
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SRN
- 6C. Manufacturer's Serial Number NA RAZ 3-19-92
- 6D. National Board Number (if applicable) NA RAZ 3-19-92
- 6E. Other Identification (subassembly number, heat number etc.)  
1/2" A36 plate HT# B4797
- 6F. Year Built Unknown Code Class  1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed.  
Installed new baseplate extensions, concrete anchors,  
and stiffener plates.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure PSIA RAZ 3-19-92 Test Temperature \_\_\_\_\_ IF
9. Remarks \_\_\_\_\_
10. CAQR/PER Initiated: Yes  No  -- Number (if yes) \_\_\_\_\_
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Raymond J. [Signature] Date 3-19-92  
Signature Organization  
ANII: C. E. [Signature] Date 3-19-92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 3-12-92  
Sheet Nos. 137 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. WP N05421-01
3. Work Performed by: TVA Type Code Symbol Stamp N/A 3-12-92  
Company  
SEQUOYAH NUCLEAR PLANT Authorization No. N/A 3-12-92  
Address  
DAISY, TN. Expiration Date N/A 3-12-92  
City and State
4. Identification of System: No. 74 Name RHR
- 5A. Application Construction Code ANSI B31.7 1969 Edition,  
1970 Addenda Code Case N/A 3-12-92
- 5B. Application Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1931 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) SUPPORT 2 RHR-427 FOR  
8" PIPE, DCA N05421-20, E-21
- 6B. Name of Manufacturer TVA
- 6C. Address of Manufacturer (if known) SN
- 6D. Manufacturer's Serial Number N/A 3-12-92
- 6E. National Board Number (if applicable) N/A 3-12-92
- 6F. Other Identification (subassembly number, heat number etc.) IT # 11 HT #  
4114821
- 6G. Year Built Unknown Code Class 1  2
- 6H. Repaired  Replaced  Replacement
- 6I. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. INSTALL NEW  
ITEMS #11, 21, 22eners for pipe saddles.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure PSI 3-12-92 Test Temperature \_\_\_\_\_ | F
9. Remarks \_\_\_\_\_
10. CAQR/PER Initiated: Yes  No  -- Number (if yes) \_\_\_\_\_
11. Applicable Manufacturers Data Report to be attached: Yes  No
- Prepared By: Phil Ragan / Moss Date 3-12-92  
Signature Organization
- ANII: C.E. Mitchell Date 3-19-92

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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 3-12-92  
Sheet Nos. 138 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. W.P. M05421-01
3. Work Performed by: TVA Company  
SEQUOYAH NUCLEAR PLANT Address  
DAISY, TN. City and State  
Type Code Symbol Stamp N/A M3-12-92  
Authorization No. N/A M3-12-92  
Expiration Date N/A M3-12-92
4. Identification of System: No. 74 Name RHR
- 5A. Application Construction Code ANSI B31.1 1969 Edition,  
1970 Addenda Code Case N/A M3-12-92
- 5B. Application Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) SUPPORT 2 - RHR - 424 FOR  
8" PIPE, DCA - M05421-19
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SN
- 6C. Manufacturer's Serial Number N/A M3-12-92
- 6D. National Board Number (if applicable) N/A M3-12-92
- 6E. Other Identification (subassembly number, heat number etc.) IT #1 HT #8477,  
IT #10 HT #4549, IT #11 HT #4114821, IT #13 HT #4114821
- 6F. Year Built UNKNOWN Code Class  1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. INSTALL NEW  
ITEMS 9, 10, 11, 12, & 13; tube steel brace assembly.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure PSI M3-12-92 Test Temperature \_\_\_\_\_ IF
9. Remarks \_\_\_\_\_
10. CAQR/PER Initiated: Yes  No  -- Number (if yes) \_\_\_\_\_
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: W. E. Kruger / MODS Date 3-12-92  
Signature Organization Date 3-19-92  
ANII: O. E. Miteff

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 3-12-92  
Sheet Nos. 139 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. W.P. M05421-01
3. Work Performed by: TVA Company  
SEQUOYAH NUCLEAR PLANT Address  
DAISY TN City and State  
Type Code Symbol Stamp N/A #23-12-92  
Authorization No. N/A #23-12-92  
Expiration Date N/A #23-12-92
4. Identification of System: No. 63 Name SAFETY INJECTION
- 5A. Application Construction Code ANSI B31.7 1969 Edition,  
1970 Addenda Code Case N/A #23-12-92
- 5B. Application Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) SUPPORT 2-SH-455 FOR  
8" PIPE, DCA-M05421-15-16
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SGN
- 6C. Manufacturer's Serial Number N/A #23-12-92
- 6D. National Board Number (if applicable) N/A #23-12-92
- 6E. Other Identification (subassembly number, heat number etc.) ITEM #16, K22777, IT 18 HT #80467, IT #19 HT #422TH41, IT #21 HT #412W371
- 6F. Year Built UNKNOWN Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. INSTALLED NEW ITEMS  
14, 16, 18, 19, 20, & 21; stiffener plates.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure PSI #23-12-92 Test Temperature IF
9. Remarks \_\_\_\_\_
10. CAQR/PER Initiated: Yes  No  -- Number (if yes) \_\_\_\_\_
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Chief Engineer / Moss Date 3-12-92  
Signature Organization Date 3-19-92  
ANII: C. E. Miteady

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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 3-12-92  
Sheet Nos. 140 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WP 1405421-C1
3. Work Performed by: TVA Type Code Symbol Stamp N/A LR 3-12-92  
Company  
SEQUOYAH NUCLEAR PLANT Authorization No. N/A LR 3-12-92  
Address  
DAISY, TN Expiration Date N/A LR 3-12-92  
City and State
4. Identification of System: No. 74 Name BHR
- 5A. Application Construction Code ANSI B31.7 1965 Edition,  
1970 Addenda Code Case N/A LR 3-12-92
- 5B. Application Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) SUPPORT Z-BURN -428 FOR  
6" PIPE, DCA-1405421-22 p23
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SGN
- 6C. Manufacturer's Serial Number N/A LR 3-12-92
- 6D. National Board Number (if applicable) N/A LR 3-12-92
- 6E. Other Identification (subassembly number, heat number etc.) IT #11 HT #84717,  
IT #12 HT #80467, IT #13 HT #K22777
- 6F. Year Built UNKNOWN Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. INSTALL NEW  
ITEMS 10, 11, 12, & 13; extension plates for baseplate and  
stiffener plates.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI Test Temperature \_\_\_\_\_ IF
9. Remarks \_\_\_\_\_  
3-12-92
10. CAQR/PER Initiated: Yes  No  -- Number (if yes) \_\_\_\_\_
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: [Signature] / MGDS Date 3-12-92  
Signature Organization Date 3-19-92  
ANII: [Signature]

APPENDIX E  
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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 3-12-92  
Sheet Nos. 141 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. W.P M05421-01
3. Work Performed by: TVA Company  
SEQUOYAH NUCLEAR PLANT Address  
DAISY, TN City and State  
Type Code Symbol Stamp N/A 3-12-92  
Authorization No. N/A 3-12-92  
Expiration Date N/A 3-12-92
4. Identification of System: No. 74 Name RWR
- 5A. App' cation Construction Code ASME B31.1 1970 Edition,  
1970 Addenda Code Case N/A 3-12-92
- 5B. Application Edition of Section XI Utilized for Repairs or Replacements:  
1950, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) SUPPORT 2-RUEH-469 FOR  
8" PIPE, DCA M05421-001-01
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SGN
- 6C. Manufacturer's Serial Number N/A 3-12-92
- 6D. National Board Number (if applicable) N/A 3-12-92
- 6E. Other Identification (subassembly number, heat number etc.) IT#10 HT#412W3171  
IT#11 HT#45219
- 6F. Year Built UNKNOWN Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. INSTALLED NEW  
ITEMS 9, 10, & 11; tube steel lateral brace assembly.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure PSI 312.92 A test Temperature \_\_\_\_\_ | F
9. Remarks \_\_\_\_\_
10. CAQR/PER Initiated: Yes  No  -- Nur r (if yes)
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Chief Boyer / MOOS Date 3-12-92  
Signature Organization Date 3-19-92

APPENDIX E  
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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 4-24-92  
Sheet Nos. 142 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WP M5421-02
3. Work Performed by: TVA Company  
Sequoyah Nuclear Plant Address  
Daisy TN 37379 City and State  
Type Code Symbol Stamp \_\_\_\_\_  
Authorization No. N/A  
Expiration Date 4-24-92
4. Identification of System: No. 074 Name Residual Heat Removal
- 5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
1970 Addenda Code Case NA RAJ 4-24-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support for 8"  $\phi$   
pipe. DCAs M05421-17, -18, -18B  
ATK No. 2-RHRH-421
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SN
- 6C. Manufacturer's Serial Number NA RAJ 4-24-92
- 6D. National Board Number (if applicable) NA RAJ 4-24-92
- 6E. Other Identification (subassembly number, heat number etc.) 4" pipe (HT# K294  
TS 4X4 (HT# 404213), 3/4" PL (HT# 4114821), 1/4" PL (HT# B7651), 1/2" PL (HT# 24797)
- 6F. Year Built 1992 Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Existing Support  
removed. New support design installed on 90° Elbow  
approximately 1'-6" from existing support location.
8. Tests Conducted: Hydrostatic  N Pneumatic   
Nominal Operating Pressure  Other   
Pressure PSI RAJ 4-24-92 Test Temperature \_\_\_\_\_ °F
9. Remarks 4"  $\phi$  pipe stanchion integrally welded to elbow.
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RAJ 4-24-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Roger Landis Signature MODS Organization  
Date 4-24-92  
ANII: O.E. Metcalf Signature Date 4-30-92



APPENDIX E  
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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 4-24-92  
Sheet Nos. 123 of 177  
(filled in by ISI Programs)

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WP M5421-02

3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company  
Sequoyah Nuclear Plant Authorization No. N RA 4-24-92  
Address  
Daisy TN 37379 Expiration Date \_\_\_\_\_  
City and State

4. Identification of System: No. 074 Name Residual Heat Removal

5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
1970 Addenda Code Case NA RA 4-24-92

5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda

6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support for 8" φ  
pipe. DCA M05421-27  
MK No. 2-RHRH-432

6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SRN

6C. Manufacturer's Serial Number \_\_\_\_\_

6D. National Board Number (if applicable) NA RA 4-24-92

6E. Other Identification (subassembly number, heat number etc.) NA RA 4-24-92  
3/4" PL (HT# 4114821), 1/4" PL (HT# 80467)

6F. Year Built Unknown Code Class 1  2

6G. Repaired  Replaced  Replacement

6H. ASME Code Stamped YES  NO

7. Brief Description of Repair or Replacement Work Performed. Installed  
stiffener plates for two lateral pipe saddles.

8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI N Test Temperature \_\_\_\_\_ °F  
A

9. Remarks \_\_\_\_\_

10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RA 4-24-92

11. Applicable Manufacturers Data Report to be attached: Yes  No

\* Prepared By: Roger A. Larko Signature MODS Organization Date 4-24-92

ANII: C.E. Metcalf Date 4-30-92

02969/dar

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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 4-24-92  
Sheet Nos. 144 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WP M5421-02
3. Work Performed by: TVA Company  
Sequoyah Nuclear Plant Address  
Daisy TN 37379 City and State  
Type Code Symbol Stamp \_\_\_\_\_  
Authorization No. N RAZ 4-24-92  
Expiration Date \_\_\_\_\_
4. Identification of System: No. 074 Name Residual Heat Removal
- 5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
1970 Addenda Code Case NA RAZ 4-24-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support for 8"  $\phi$   
pipe. DGAs M05421-28, -29, -74  
MK No. 2-RHRH-435
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SGN
- 6C. Manufacturer's Serial Number NA RAZ 4-24-92
- 6D. National Board Number (if applicable) NA RAZ 4-24-92
- 6E. Other Identification (subassembly number, heat number etc.)  
1/2" PL (HT# 84797)
- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Installed  
stiffener plate on existing channel.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI NA RAZ 4-24-92 Test Temperature \_\_\_\_\_ °F
9. Remarks \_\_\_\_\_
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RAZ 4-24-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Roger A. Linder 1 MODS Date 4-24-92  
Signature \_\_\_\_\_ Organization \_\_\_\_\_  
ANI: O. E. Nitecki Date 4-30-92

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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 4-24-92  
Sheet Nos. 145 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. WP M5421-02
3. Work Performed by: TVA Company Type Code Symbol Stamp \_\_\_\_\_  
Sequoyah Nuclear Plant Address Authorization No. N RAZ  
Daisy TN 37379 City and State Expiration Date 4-24-92
4. Identification of System: No. 074 Name Residual Heat Removal
- 5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
1970 Addenda Code Case NA RAZ 4-24-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support for 8"  $\phi$   
pipe, DCA M05421-53  
TK No. 2-RHRH-446
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SGN
- 6C. Manufacturer's Serial Number NA RAZ 4-24-92
- 6D. National Board Number (if applicable) NA RAZ 4-24-92
- 6E. Other Identification (subassembly number, heat number etc.) BE 412-6, BE 410,  
1" PL (HT# B2147), TS 3X3 (HT# 309170), 1/4" PL (HT# B7651), #RAZ 4-24-92
- 6F. Year Built 1992 Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Removed existing  
support assembly. Installed new support design.
8. Tests Conducted: Hydrostatic  N Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI NA RAZ 4-24-92 Test Temperature \_\_\_\_\_ °F
9. Remarks NA RAZ 4-24-92
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RAZ 4-24-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Roger D. Zarda Signature Organization MODS Date 4-24-92  
ANII: C. E. Metcalfe Date 4-30-92  
0296P/dar

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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 4-24-92  
Sheet Nos. 146 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WP M5421-02
3. Work Performed by: TVA Company  
Sequoyah Nuclear Plant Address  
Daisy TN 37379 City and State  
Type Code Symbol Stamp \_\_\_\_\_  
Authorization No. N RAZ  
A 4-24-92  
Expiration Date \_\_\_\_\_
4. Identification of System: No. 074 Name Residual Heat Removal
- 5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
1970 Addenda Code Case NA RAZ 4-24-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support for 8"  $\phi$   
pipe. DCAs M05421-57, 58, 59, 30, 64  
MR No. 2-RHRH-440
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SGN
- 6C. Manufacturer's Serial Number \_\_\_\_\_
- 6D. National Board Number (if applicable) NA RAZ 4-24-92
- 6E. Other Identification (subassembly number, heat number etc.) NA RAZ 4-24-92
- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Installed new support  
design. Removed existing support design while assuring integrity  
of Co-support 47A432-2-1 was maintained.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure N Other   
Pressure \_\_\_\_\_ PSI A RAZ Test Temperature \_\_\_\_\_ °F  
4-24-92
9. Remarks 4"  $\phi$  pipe integrally welded to 90° elbow.
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) \_\_\_\_\_
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Roger A. Larkins Signature MOBS Organization  
Date 4-24-92  
Date 4-30-92

APPENDIX E  
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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 4-24-92  
Sheet Nos. 147 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. B\_x 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37 WID No. WP M5421-02
- 3 Work Performed by: TVA Company Type Code Symbol Stamp  
Sequoyah Nuclear Plant Address Authorization No. N RA 4-24-92  
Daisy TN 37379 City and State Expiration Date
4. Identification of System: No. 074 Name Residual Heat Removal
- 5A. Applicable Construction Code ANSI B31.7 19 69 Edition,  
1970 Addenda Code Case NA RA 4-24-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support for 8" φ  
pipe. DCA's M05421-33, 73  
MK No. 2-RH-RH-452
- 6B. Name of Manufacturer Basic Engineers  
Address of Manufacturer (if known) Pittsburgh, PA
- 6C. Manufacturer's Serial Number NA RA 4-24-92
- 6D. National Board Number (if applicable) NA RA 4-24-92
- 6E. Other Identification (subassembly number, heat number etc.) BE 417  
Size PSA Va Mechanical Shock Arrestor Assembly
- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Unpinned and  
removed deleted snubber body.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure N  Other   
Pressure A RA 4-24-92 PSI Test Temperature \_\_\_\_\_ °F
9. Remarks \_\_\_\_\_
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RA 4-24-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Roger A. Lardo Signature Organization MODS Date 4-24-92  
ANII: C. E. M. [Signature] Date 4-30-92  
0296P/dar

APPENDIX E  
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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER

DATE 4-24-92  
Sheet Nos. 148 of 177  
(filled in by ISI Programs)

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379

UNIT:  0,  1,  2  
WID No. WP M5421-02

3. Work Performed by: TVA Company  
Sequoyah Nuclear Plant Address  
Daisy TN 37379 City and State

Type Code Symbol Stamp \_\_\_\_\_  
Authorization No. N RA 4-24-92  
Expiration Date \_\_\_\_\_

4. Identification of System: No. 074 Name Residual Heat Removal

5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
1970 Addenda Code Case NA RA 4-24-92

5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda

6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support for 8" φ  
pipe. DCAs M05421-34, 35, 64  
MK No. 2-RHRH-457

6B. Name of Manufacturer BASIC Engineers  
Address of Manufacturer (if known) Pittsburgh, PA

6C. Manufacturer's Serial Number NA RA 4-24-92

6D. National Board Number (if applicable) NA RA 4-24-92

6E. Other Identification (subassembly number, heat number etc.) BE 4/6 size  
PSA-10 Mechanical Shock Arrestor

6F. Year Built Unknown Code Class 1  2

6G. Repaired  Replaced  Replacement

6H. ASME Code Stamped YES  NO

7. Brief Description of Repair or Replacement Work Performed. Unpinned and  
removed deleted snubber body.

8. Tests Conducted: Hydrostatic  N Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI A RA 4-24-92 Test Temperature \_\_\_\_\_ °F

9. Remarks \_\_\_\_\_

10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RA 4-24-92

11. Applicable Manufacturers Data Report to be attached: Yes  No

Prepared By: Roger A. Jarius Signature Organization MODS Date 4-24-92

ANII: O. E. Mitecki Signature Date 4-30-92

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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 4-24-92  
Sheet Nos. 149 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. WP M5421-02
3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company \_\_\_\_\_  
Sequoyah Nuclear Plant Authorization No. NA RAZ 4-24-92  
Address \_\_\_\_\_  
Daisy TN 37379 Expiration Date \_\_\_\_\_  
City and State \_\_\_\_\_
4. Identification of System: No. 074 Name Residual Heat Removal
- 5A. Applicable Construction Code ANSI B31.7 19 69 Edition,  
1970 Addenda Code Case NA RAZ 4-24-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support for 8"  $\phi$   
pipe. DGAs M05421-36, 96  
ink No. 2-RHRH-460
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SBN
- 6C. Manufacturer's Serial Number NA RAZ 4-24-92
- 6D. National Board Number (if applicable) NA RAZ 4-24-92
- 6E. Other Identification (subassembly number, heat number etc.) TS6X6 (HT# 862503),  
1" PL (HT# 82147), 1/2" PL (HT# 89797), TS4X4 (HT# W03592), 5/8" PL (HT# 4227-114)
- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Installed new  
tube steel brace assemblies.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI NA RAZ 4-24-92 Test Temperature \_\_\_\_\_ °F
9. Remarks \* 3/4" PL (HT# 7436997)
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RAZ 4-24-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Roy A. Lardo Signature MODS Organization Date 4-24-92  
ANII: D.E. Miteady Date 4-30-92

APPENDIX E  
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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 4-24-92  
Sheet Nos. 150 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WP M5421-02
3. Work Performed by: TVA Company  
Sequoyah Nuclear Plant Address  
Daisy TN 37379 City and State  
Type Code Symbol Stamp \_\_\_\_\_  
Authorization No. N RA 4-24-92  
Expiration Date \_\_\_\_\_
4. Identification of System: No. 074 Name Residual Heat Removal
- 5A. Applicable Construction Code ANSI B31.7 19 69 Edition,  
1970 Addenda Code Case NA RA 4-24-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support for 8"  $\phi$   
pipe. DCA's M05421-37, 70  
MK No. 2-RHRH-467
- 6B. Name of Manufacturer Basic Engineers  
Address of Manufacturer (if known) Pittsburgh, PA
- 6C. Manufacturer's Serial Number NA RA 4-24-92
- 6D. National Board Number (if applicable) NA RA 4-24-92
- 6E. Other Identification (subassembly number, heat number etc.) (2ea) BE 41/6 Size  
PSA-3 Mechanical Shock Arresters
- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Removed  
deleted snubbers and support.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure N  Other   
Pressure \_\_\_\_\_ PSI NA RA 4-24-92 Test Temperature \_\_\_\_\_ °F
9. Remarks \_\_\_\_\_
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RA 4-24-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Roger A. Farber Signature MOOS Organization  
Date 4-24-92  
ANII: C.E. Nitecki Signature Date 4-30-92



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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 4-24-92  
Sheet Nos. 151 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WP M5421-02
3. Work Performed by: TVA Company  
Sequoyah Nuclear Plant Address  
Daisy TN 37379 City and State  
Type Code Symbol Stamp \_\_\_\_\_  
Authorization No. N RAZ  
A 4-24-92  
Expiration Date \_\_\_\_\_
4. Identification of System: No. 074 Name Residual Heat Removal
- 5A. Applicable Construction Code ANSI B31.7 1964 Edition,  
1970 Addenda Code Case NA RAZ 4-24-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support for 8"  $\phi$   
pipe. DCA- M05421-38, 39  
MP No. 2-RHRH-470
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SGN
- 6C. Manufacturer's Serial Number NA RAZ 4-24-92
- 6D. National Board Number (if applicable) NA RAZ 4-24-92
- 6E. Other Identification (subassembly number, heat number etc.) TS6XG (HT# 862503),  
"PL (HT# B9408), 1/2" PL (HT# 802M36300), TS4X4 (HT# W13592), 1/2 20 ga SS sheet metal
- 6F. Year Built Unknown Code Class 1  2  NA RAZ 4-24-92 (HT# B37504)
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Installed new tube  
steel brace assemblies. Removed existing pipe saddles on bottom  
and east and installed new spacers in their places.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure NA  Other   
Pressure \_\_\_\_\_ PSI NA RAZ 4-24-92 Test Temperature \_\_\_\_\_ °F
9. Remarks \_\_\_\_\_
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RAZ 4-24-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Robert A. Jankovics Signature MADS Organization  
Date 4-24-92  
ANII: C.E. Jankovics Signature Date 4-30-92

APPENDIX E  
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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 4-24-92  
Sheet Nos. 152 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. WP M5421-02
3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company  
Sequoyah Nuclear Plant Authorization No. N RAZ  
Address Daisy TN 37379 Expiration Date A 4-24-92  
City and State
4. Identification of System: No. 074 Name Residual Heat Removal
- 5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
1970 Addenda Code Case NA RAZ 4-24-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support for 8" φ  
pipe, DCAs M05421-40, 41, 44  
MK No. 2-PHRH-471
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SN
- 6C. Manufacturer's Serial Number NA RAZ 4-24-92
- 6D. National Board Number (if applicable) NA RAZ 4-24-92
- 6E. Other Identification (subassembly number, heat number etc.) 3/8" PL (HT# K21732),  
TS2K2 (HT# T01779), 1" PL (HT# B2147), TS4K4 (HT# B93940), 1 1/2" PL (HT# 7986654)
- 6F. Year Built 1992 Code Class  1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code: Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Removed existing  
snubber and supporting steel and installed new support.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure N Other   
Pressure \_\_\_\_\_ PSI H RAZ Test Temperature \_\_\_\_\_ °F  
4-24-92
9. Remarks \_\_\_\_\_
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RAZ 4-24-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Roger A. Lando 1 MODS Date 4-24-92  
Signature Organization Date 4-30-92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER
- DATE 4-24-92  
Sheet Nos. 153 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379
- UNIT:  0,  1,  2  
WID No. WP M5421-02
3. Work Performed by: TVA Company  
Sequoyah Nuclear Plant Address  
Daisy TN 37379 City and State
- Type Code Symbol Stamp \_\_\_\_\_  
Authorization No. NA RAZ 4-24-92  
Expiration Date \_\_\_\_\_
4. Identification of System: No. 074 Name Residual Heat Removal
- 5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
1970 Addenda Code Case NA RAZ 4-24-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 5A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support for 8" φ  
pipe, DCA: M05421-42, 43, 70  
MK No. 2-RHRH-472
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SRN
- 6C. Manufacturer's Serial Number NA RAZ 4-24-92
- 6D. National Board Number (if applicable) NA RAZ 4-24-92
- 6E. Other Identification (subassembly number, heat number etc.) 75914 (HT# W09213)  
1" PL (HT# 32147), 1/2" PL (HT# 24717), 752X2 (HT# T02756)
- 6F. Year Built 1992 Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work performed. Removed existing  
sourber and support and installed new support.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure N Other   
Pressure \_\_\_\_\_ PSI N Test Temperature \_\_\_\_\_ °F
9. Remarks \_\_\_\_\_
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RAZ 4-24-92
11. Applicable Manufacturers Data Report to be attached: Yes  No
- Prepared By: Roger A. Lantis Signature MODS Organization  
Date 4-24-92
- ANII: C. E. McCreary Signature Date 4-30-92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 4-24-92  
Sheet Nos. 154 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. WP M5421-02
3. Work Performed by: TVA Company Type Code Symbol Stamp \_\_\_\_\_  
Sequoyah Nuclear Plant Address Authorizaticn No. N RAZ  
Daisy TN 37379 City and State Expiration Date A 4-24-92
4. Identification of System: No. 074 Name Residual Heat Removal
- 5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
1970 Addenda Code Case NA RAZ 4-24-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support for 3"  $\phi$   
pipe. DCA: M05421-31, 32, 78  
MK No. 2-RHRH-402
- 6B. Name of Manufacturer Basic Engineers  
Address of Manufacturer (if known) Pittsburgh, PA
- 6C. Manufacturer's Serial Number NA RAZ 4-24-92
- 6D. National Board Number (if applicable) NA RAZ 4-24-92
- 6E. Other Identification (subassembly number, heat number etc.) BE 415 Size 2  
Sway strut, BE 411-5 pipe clamp, BE 416 PSA 3 Rear Bracket
- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Removed existing  
PSA 3 snubber and installed new BE 415 sway strut  
in its place.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI A 4-24-92 Test Temperature \_\_\_\_\_ °F
9. Remarks \_\_\_\_\_
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RAZ 4-24-92
11. Applicable Manufacturers Data Report to be attached: Yes  No
- Prepared By: Roger A. Fandos / MODS Date 4-24-92  
Signature Organization
- ANII: D.E. Mitecki Date 4-30-92

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 4-24-92  
Sheet Nos. 155 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. WP M5421-02
3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company  
Sequoyah Nuclear Plant Authorization No. NA RA 4-24-92  
Address  
Daisy TN 37379 Expiration Date \_\_\_\_\_  
City and State
4. Identification of System: No. 074 Name Residual Heat Removal
- 5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
1970 Addenda Code Case NA RA 4-24-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support for 3"  $\phi$   
pipe, DCA, M05421-48, 51, 78  
MK No. 2-RHRH-492
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SGA
- 6C. Manufacturer's Serial Number NA RA 4-24-92
- 6D. National Board Number (if applicable) NA RA 4-24-92
- 6E. Other Identification (subassembly number, heat number etc.) 3/8" PL (HT # 411K1081),  
TS2X2 (HT # T02956)
- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Removed existing  
PSA 1/2 snubber and installed new rigid support in  
its place.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure N  Other   
Pressure PSI A RA 4-24-92 Test Temperature \_\_\_\_\_ °F
9. Remarks \_\_\_\_\_
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RA 4-24-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Roger A. Larkins Signature MODS Organization Date 4-24-92  
ANII: C. E. Metcalf Date 4-30-92  
0296P/dar

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 4-27-92  
Sheet Nos. 156 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. WP M5421-03
3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company  
Sequoyah Nuclear Plant Authorization No. NA RAJ 4-27-92  
Address  
Daisy TN 37379 Expiration Date \_\_\_\_\_  
City and State
4. Identification of System: No. 074 Name Residual Heat Removal
- 5A. Applicable Construction Code ANSI B31.7 19 69 Edition,  
Summer 1970 Addenda Code Case NA RAJ 4-27-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Check Valve 2-074-554  
for 8"φ Discharge for Heat Exchanger 2A. DCA Nos. M05421-01, -55,  
-56, -03, -05, -07, -08, -09, -11
- 6B. Name of Manufacturer Anchor/Darling Valve Company  
Address of Manufacturer (if known) Williamsport, VA
- 6C. Manufacturer's Serial Number NA RAJ 4-27-92
- 6D. National Board Number (if applicable) NA RAJ 4-27-92
- 6E. Other Identification (subassembly number, heat number etc.) 8"φ Pipe (HT# WDO),  
Serial Number E-B798-1-4, 4" x 8" weldolet (HT# 276AN), 4"φ Pipe (HT# K29-)  
4"φ 45° ELL (HT# MCE4SA)
- 6F. Year Built 1991 Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Installed new  
check valve which required relocation of 4"φ branch line. Approx  
2' of 8"φ and 4' of 4"φ new piping was required to be installed.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other  \*  
Pressure 754 PSI Test Temperature 63 °F
9. Remarks \* Flew Testing per O-SI-OPS-074-027.0 and 2-SI-SFT-074-001  
Section XI testing per 2-SI-SXP-074-12B.A
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RAJ 4-27-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Ronald J. Lardo Signature Organization MODS Date 4-27-92  
O. E. Miteady Signature Organization 5-18-92 Date M5421-03



AN  
VA  
701 FIB  
P.O. BOX  
WILLIAMS  
(719) 31  
TELEX: 7

8. Remarks 8"-343#-Swing Check Valve for EB798-1

9. Design conditions 600 (pressure) psi 400 (temperature) °F or valve pressure class 343 SPL (1)

10. Cold working pressure 858 psi at 100°F

11. Hydrostatic test 1300 psi. Disk differential test pressure 944 psi

CERTIFICATION OF DESIGN

Design Specification certified by Leon F. Lane P.E. State Tennessee Reg. no. 15195  
Design Report certified by N/A P.E. State N/A Reg. no. N/A

CUSTO

LOCAT

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this pump or valve conforms to the rules for construction of the ASME Code, Section III, Division 1.

N Certificate of Authorization No. N1712 Expires 4/15/92

Date 8-22-91 Name Anchor/Darling Valve Company Signed Mary D. Loran  
(N Certificate Holder) (authorized representative)

APPLI

VALVE

This  
test  
Quali-  
SQNP-1

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State ~~Inspector~~ of Pennsylvania and employed by Commercial Union Ins. Co. of Boston, Mass. have inspected the pump or valve, described in this Data Report on 4-81 on 8-23, 1991, and state that to the best of my knowledge and belief, the Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III, Division 1.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the component described in this Data 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.

Date 8-23-91 Signed Charles Young Commissions Pennsylvania 2392  
(Authorized Inspector) (Nat'l. Bd. (incl. endorsements) state or prov. and no.)

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certif

Record  
Anchor

(1) For manually operated valves only.

Date:

M5421-03

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APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER

DATE 4-27-92  
Sheet Nos. 159 of 177  
(filled in by ISI Programs)

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379

UNIT:  0,  1,  2  
WID No. WP M5421-03

3. Work Performed by: TVA Company  
Sequoyah Nuclear Plant Address  
Daisy TN 37379 City and State

Type Code Symbol Stamp \_\_\_\_\_  
Authorization No. NA RAJ 4-27-92  
Expiration Date \_\_\_\_\_

4. Identification of System: No. 074 Name Residual Heat Removal  
5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
Summer 1970 Addenda Code Case NA RAJ 4-27-92  
5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda

6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Check Valve 2-074-555  
for 8"  $\phi$  Discharge for Heat Exchanger 2B. DCA Nos.  
M05421-02, -55, -56, -04, -06, -07, -08, -09, -11

6B. Name of Manufacturer Anchor/Darling Valve Company  
Address of Manufacturer (if known) Williamsport, VA

6C. Manufacturer's Serial Number NA RAJ 4-27-92  
6D. National Board Number (if applicable) NA RAJ 4-27-92  
6E. Other Identification (subassembly number, heat number etc.) 4"  $\phi$  Pipe (HT# K29426),  
Serial Number E-B798-1-3, 4" x 8" Weldolet (HT# 276AN)\*\* WP M5421-03

6F. Year Built 1991 Code Class 1  2

6G. Repaired  Replaced  Replacement  IX-25

6H. ASME Code Stamped YES  NO

7. Brief Description of Repair or Replacement Work Performed. Installed new check  
valve which required relocation of 4"  $\phi$  branch line. Approximate  
2' of 8"  $\phi$  and 4' of 4"  $\phi$  new piping was required to be installed.

8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other  \*  
Pressure 770 PSI Test Temperature 69 °F

9. Remarks \* Flow Testing per O-SI-OPS-674-027.0 and 2-SI-SFT-074-001.  
Section XI valve testing per 2-SI-SXP-074-128.B  
Vendor performed repair on hinge support prior to installation.

\*\* 4"  $\phi$  45° EL (HT# MC 245A), 8"  $\phi$  Pipe (HT# WDD)

10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RAJ 4-27-92

11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Roger A. Lardis 1 MODS Date 4-27-92  
Signature Organization

ANII: C. E. Metcalf's Date 5-18-92  
0296P/dar

FORM NPV-1 CERTIFICATE HOLDERS' DATA REPORT FOR NUCLEAR PUMPS OR VALVES\*

As Required by the Provisions of the ASME Code, Section III, Division 1

SHEET 160 of 177

Pg. \_\_\_ of \_\_\_

1. Manufactured and certified by Anchor/Darling Valve Co., 701 First St., Williamsport, PA 17701  
(name and address of N Certificate Holder)
2. Manufactured for Tennessee Valley Authority, P.O. Box 15500, Knoxville, TN 37901-5500  
(name and address of Purchaser or Owner)
3. Location of installation Sequoyah Nuclear Plant Near Soddy-Daisy, TN 37379  
(name and address)
4. Model No., Series No., or Type SC Drawing W9123452 Rev. A CRN ---
5. ASME Code, Section III, Division 1: 1986 N/A 2 ---  
(edition) (addenda date) (class) (Code Case no.)
6. Pump or valve Valve Nominal inlet size 8" Outlet size 8"  
(in.)
7. Material: Body SA351-CF8 Bonnet SA240-304 Disk SA240-347  
(in.) Bonnet Studs-SA564-630-  
Bolting ---  
Bonnet Nuts-SA194-8M

(a) Cert. Holder's Serial No.	(b) Nat'l Board No.	(c) Body Serial No.	(d) Bonnet Serial No.	(e) Disk Serial No.
EB798-1-3	N/A	N402-2	1	3
EB798-1-4	N/A	N449-3	2	4

Supplemental information in form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 x 11, (2) information in items 1 through 4 on this Data Report is included on each sheet, (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

M5421-03  
Plus 1X-e-2 or

SHEET 161 of 177

7. Remarks 8"-343#-Swing Check Valve for EB798-1

9. Design conditions 600 (pressure) psi 400 (temperature) °F or valve pressure class 343 SPL (1)

10. Cold working pressure 858 psi at 100°F

11. Hydrostatic test 1300 psi. Disk differential test pressure 944 psi

CERTIFICATION OF DESIGN

Design Specification certified by Leon F. Lane P.E. State Tennessee Reg. no. 15195  
Design Report certified by N/A P.E. State N/A Reg. no. N/A

CUSTOMER

LOCATION

CERTIFICATE OF SHOP COMPLIANCE

We certify that the statements made in this report are correct and that this pump or valve conforms to the rules for construction of the ASME Code, Section III, Division 1.

N Certificate of Authorization No. N1712 Expires 4/15/92

Date 8-22-91 Name Anchor/Darling Valve Company Signed Harry D. Larson  
(N Certificate Holder) (authorized representative)

APPLICATION

VALVE SERVICE

This is tested Quality SQNP-DS

CERTIFICATE OF SHOP INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State ~~INSPECTOR~~ of Pennsylvania and employed by Commercial Union Ins. Co. of Boston, Mass. have inspected the pump, or valve, described in this Data Report on 8-23, 1991, and state that to the best of my knowledge and belief, the Certificate Holder has constructed this pump, or valve, in accordance with the ASME Code, Section III, Division 1.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the component described in this Data 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.

Date 8-23-91 Signed Charles Young Commission Pennsylvania 2392  
(Authorized Inspector) (Nat'l. Bd. (incl. endorsements) state or prov. and no.)

This is this code apply all req perform certifi

Records Anchor/

(1) For manually operated valves only.

Date:

MP M5421-03  
11e-8

FORM QAS-14-1 SUPPLEMENTAL DATA REPORT FOR NUCLEAR VALVES OR PARTS

SHEET 162 of 177

1. Work performed by Anchor/Darling Valve Company RB 798  
(Shop Order No.)  
701 First Street, Williamsport, PA 17701
2. Owner Tennessee Valley Authority, P. O. Box 15500, Knoxville, TN 37901-5500  
(Name and Address)
3. Name of Nuclear Power Plant Sequoyah Nuclear Plant
4. Address of Nuclear Power Plant Near Soddy-Daisy, TN 37379
5. a: Identification of Component Repaired or Replacement Component Body Heat #V4484 S/N N402-2  
 b: Name of Manufacturer (if different from Line 1) ame  
 c: Identifying Nos. E-B793-1-3 N/A N/A 1991  
(Mfr.'s Serial No.) (Nat'l Bd. No.) (Other) (Year Built)
6. Applicable Edition of Section III of ASME Code 19 86 Addenda N/A Code Case N/A
7. Description of Work Weld hinge support mounting on body to eliminate thin area  
(Use of additional sheet(s) or sketch(es) is acceptable if properly identified)  
where threads pushed through. Area was radiographed, liquid penetrant tested  
and hydrostatically tested.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and this repair or replacement conforms to

Section III of the ASME Code. Signed Gary J. Larson QA Engineer  
(Authorized Representative of Repair Organization) (Title)

3/20/92, 19 92. Our ASME Certificate of Authorization No. N1713 to use the NPT symbol

expires 4-15-92.

M5421-03

ix-e-11

CERTIFICATE OF INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors, employed by Commercial Union Insurance Co. of Boston, Mass.

have inspected the repair or replacement described in this Report on 3-21, 19 92 and state that to the best of my knowledge and belief, this repair or replacement has been made or constructed in accordance with Section III of the ASME Code. By signing this certificate, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the repair or replacement described in this 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.

Date 3-21-92 Charles Perry Commissions Pa 2392  
(Inspector) (State or Providence, Nat'l Board)

APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE - 4/29/92  
Sheet Nos. 163 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WPM6282-02
3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company  
SEQUOYAH NUCLEAR PLANT Authorization No. NA MA 4/29/92  
Address  
SODDY-DAISY, TENN. 37379 Expiration Date \_\_\_\_\_  
City and State
4. Identification of System: No. 003 Name AUXILIARY FEEDWATER
- 5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
1970 Addenda Code Case NA
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) 1/2" SCH 80 STAINLESS STEEL  
PIPE; (INSTRUMENT SENSING LINE FROM STEAM GENERATOR #3 TO AIX F/W  
LEVEL TRANSMITTER 2-LT-3-172)
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SEQUOYAH NUCLEAR PLANT
- 6C. Manufacturer's Serial Number NA MA 4/29/92
- 6D. National Board Number (if applicable) NA MA 4/29/92
- 6E. Other Identification (subassembly number, heat number etc.) MATERIAL HEAT  
NUMBERS: 1/2" SCH 80 SST PIPE = 463663; 1/2" SCH 3000 LB 90° ELBOW SST = HC; ER 316 3/8" (HT# CT6100)
- 6F. Year Built UNKNOWN Code Class  1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. REPAIRED WELD  
No. 2-SEN-461-17511E BY FILING DOWN AREA WHERE POROSITY WAS FOUND  
BY QC INSPECTOR DURING PERFORMANCE OF N-VT-3. THE AREA AFFECTED (CONTD.)
8. Tests Conducted: Hydrostatic  Pneumatic  (REMARKS)  
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI Test Temperature \_\_\_\_\_ °F
9. Remarks WAS ON THE EXTERIOR SIDE OF THE WELD WHERE THE 1/2" SCH 80  
PIPE WELDS TO A 1/2" SCH 3000 LB 90° ELBOW (SOCKET WELD).
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Robert Beck 1 MODIFICATIONS Date 5-8-92  
Signature Organization Date 5-19-92
- ANII: C.E. M. Steady  
0296P/dar

SITE STANDARD PRACTICE	REPAIR/REPLACEMENT OF ASME SECTION XI COMPONENTS	SSP-13.3 Rev. 0 Page 43 of 52
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APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER

DATE 6-23-92  
Sheet Nos. 164 of 177  
(filled in by ISI Programs)

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379

UNIT:  0,  1,  2  
WID No. WP M06387A-01

3. Work Performed by: TVA Company  
See Above Address  
See Above City and State

Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A

4. Identification of System: No. 003 Name MAIN FEEDWATER

5A. Application Construction Code ASME DRAFT for Pump & VALVE 1968 1970 Edition  
N/A Addenda Code Case N/A

5B. Application Edition of Section XI utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda

6A. Name of Component(s) and Description (Include size, capacity, material, and Location as needed to aid in identification) MAIN FEED WATER CHECK VALVE  
2-VLV-3-511, 16" Ø LOCATION: WEST VALVE ROOM, EL 708

6B. Name of Manufacturer WALWORTH  
Address of Manufacturer (if known) 1002 9TH AVE, KING OF PRUSSIA, PA.

6C. Manufacturer's Serial Number N/A

6D. National Board Number (if applicable) N/A

6E. Other Identification (subassembly number, heat number etc.)  
N/A

6F. Year Built UNKNOWN Code Class  1  2

6G. Repaired  Replaced  Replacement

6H. ASME Code Stamped YES  NO

7. Brief Description of Repair or Replacement Work Performed:  
Ferromantic Valve Bonnet Valve Body and Bonnet  
Flange was Drilled & Tapped to Permit Ferromagnetic

8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure 1870 PSI Test Temperature 430 °F

9. Remarks 11/16/23 92  
Code of Record ANSI B31.7 (69 thru 70 Addendum)  
Value is ASME Code Class 2 Equivalent per Drawing 47W 803-1 ISI  
Visual Inspection by Engineer for Bonnet Leaks

10. CAOR/PER Initiated: Yes  No  -- Number (if yes)

11. Applicable Manufacturers Data Report to be attached: Yes  No

Prepared By: [Signature] Signature  
TS/MS5 Organization  
Date 6-23-92  
Date 6/24/92

ANII: [Signature]

SITE STANDARD PRACTICE	REPAIR/REPLACEMENT OF ASME SECTION XI COMPONENTS	SSP-13.3 Rev. 0 Page 43 of 52
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APPENDIX E  
Page 1 of 2

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 7-14-92  
Sheet Nos. 165 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. M06515A-01
3. Work Performed by: TVA Type Code Symbol Stamp N/A  
Company  
See Above Address See Above Authorization No. N/A  
See Above City and State Expiration Date N/A
4. Identification of System No. 001 Name Main Steam
- 5A. Application Construction Code N/A Addenda N/A Code Case N/A ASME Draft Code ASME Draft for Pump + Valve 1970 Edition
- 5B. Application Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and Location as needed to aid in identification) 2-PCV-1-5  
8"-60016 ANSI STD Valve Model D-100-160 Operator  
Top of West Valve Room Unit II
- 6B. Name of Manufacturer COPPS-VULCAN, INC  
Address of Manufacturer (if known)
- 6C. Manufacturer's Serial Number N/A
- 6D. National Board Number (if applicable) N/A
- 6E. Other Identification (subassembly number, heat number etc.) N/A
- 6F. Year Built UNKNOWN Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed:  
Flange Valve Bonnet, Valve body and Bonnet Flange  
was Drilled + Tapped to Permit Flange
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure 900 PSI Test Temperature 550 °F
9. Remarks: Visual Inspection by Engineer for Bonnet  
Leak
10. CAQR/PER Initiated Yes  No  -- Number (if yes)
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: E.L. Boring / Maint Prog Date 7-14-92  
Signature Organization Date 7/14/92

APPENDIX E  
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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER

DATE 4/10/92  
Sheet Nos. 166 of 177  
(filled in by ISI Programs)

(PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379

UNIT:  0,  1,  2  
WID No. WORKPLAN M6663-01

3. Work Performed by: TVA  
Company  
SEQUOYAH NUCLEAR PLANT  
Address  
DAISY TN. 37379  
City and State

Type Code Symbol Stamp  
Authorization No. N/wms 4/10/92  
Expiration Date A

4. Identification of System: No. 003 Name AUX. FEEDWATER

5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
SUMMER 1970 Addenda Code Case N/A wms 4/10/92

5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda

6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) PIPE SUPPORT # 2-AFDH-3,  
4" PIPE, DWG # 2-H3-3, DCA-M06663-01

6B. Name of Manufacturer BASIC ENGINEERS, PSA  
Address of Manufacturer (if known) PITTSBURGH, PA, ANAHEIM CALIF.

6C. Manufacturer's Serial Number: PRE-NF SNUBBER 372, NEW NF SNUBBER 5326 & 1443

6D. National Board Number (if applicable) N/A wms 4/10/92

6E. Other Identification (subassembly number, heat number etc.) PSA-3  
\* wms 4/25/92

6F. Year Built UNKNOWN Code Class 1  2  \* SN 5326 - 1978

6G. Repaired  Replaced  Replacement  SN 14430 - 1980

6H. ASME Code Stamped YES  NO  4/10/92

7. Brief Description of Repair or Replacement Work Performed. REMOVED EXISTING  
PRE-NF SNUBBER AND INSTALLED NEW NF SNUBBER, SN 5326.  
REMOVED SNUBBER SN 5326 & INSTALLED NEW SNUBBER, SN 14430.

8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI ASME Test Temperature \_\_\_\_\_ °F

9. Remarks SNUBBER SN 5326 WAS INSTALLED 4/10/92 BUT COULD NOT FIND C.O.C.  
& NF-1 PAPERWORK. SN 5326 WAS REPLACED WITH ANOTHER SNUBBER,  
SN 14430.  
M.L. Dodd 4/25/92

10. SCAR/PER Initiated: Yes  No  -- Number (if ye:)

11. Applicable Manufacturers Data Report to be attached: Yes  No  2-28-92  
Prepared By: M.L. Dodd Signature Organization MODS B Date 4/10/92 / 4/25/92

ANII: C.E. Mclellan Date 4-28-92

0296P/dar WP m6663-01



APPENDIX E  
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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 5-2-92  
Sheet Nos. 167 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. M 7892-01
3. Work Performed by: TVA SQN Type Code Symbol Stamp \_\_\_\_\_  
P.O. 2000 Company  
Address \_\_\_\_\_ Authorization No. N/A  
SODDY-DAISY, TN 37379 City and State Expiration Date \_\_\_\_\_
4. Identification of System: No. 072 Name CONTAINMENT SPRAY
- 5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
1970 Addenda Code Case N/A
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description. Include size, capacity, material, and  
Location as needed to aid in identification) 12" FLOW RESTRICTING  
ORIFICE PLATE 14'-5 3/16" SOUTH OF A11 & 1'-9 1/16" WEST OF U6  
EL 722'-0" TRAIN "A", METAL R ASME SA-240, TP 304, HT# 27343
- 6B. Name of Manufacturer TVA SQN  
Address of Manufacturer (if known) P.O. 2000 SODDY-DAISY, TN, 37379
- 6C. Manufacturer's Serial Number \_\_\_\_\_
- 6D. National Board Number (if applicable) N/A
- 6E. Other Identification (subassembly number, heat number etc.) METAL PLATE  
25" TR ASME SA-240, TP 304, HT# 27343
- 6F. Year Built UNKNOWN Code Class  1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. REMOVED EXISTING  
FULLY-BORED OUT ORIFICE PLATE AND REPLACED WITH  
FLOW-RESTRICTING ORIFICE PLATE.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI Test Temperature \_\_\_\_\_ °F
9. Remarks IN-SERVICE LEAK TEST WITH PUMP 2A  
RUNNING ON CONTAINMENT SPRAY
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) \_\_\_\_\_
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Rave G. Bell Signature Date 5-2-92  
Organization 1 MODIFICATIONS

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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 5-2-92  
Sheet Nos. 168 of 177  
(filled in by ISI Programs)

2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. M 7892-01

3. Work Performed by: TVA SQN Type Co's Symbol Stamp \_\_\_\_\_  
P.O. 2000 Company  
Address \_\_\_\_\_ Authorization No. N/A May 5-2-92  
SODDY-DAISY, TN 37379 City and State Expiration Date \_\_\_\_\_

4. Identification of System: No. 072 Name CONTAINMENT SPRAY  
5A. Applicable Construction Code ANSI B31.7 1959 Edition,  
1970 Addenda Code Case N/A May 5-2-92  
5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda

6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) 12" FLOW-RESTRICTING  
ORIFICE R 14'-5 7/16" SOUTH OF A11 + 13'-9 7/16" WEST OF V,  
EL 7226", TRF-IN "B" METAL R ASME SA-240, TP 304, HT# 27343

6B. Name of Manufacturer TVA SQN  
Address of Manufacturer (if known) P.O. 2000 SODDY-DAISY, TN, 37379

6C. Manufacturer's Serial Number \_\_\_\_\_  
6D. National Board Number (if applicable) N/A May 5-2-92

6E. Other Identification (subassembly number, heat number etc.) METAL PLATE,  
.25" TK ASME SA-240, TP 304, HT# 27343

6F. Year Built UNKNOWN Code Class 1  2

6G. Repaired  Replaced  Replacement

6H. ASME Code Stamped YES  NO

7. Brief Description of Repair or Replacement Work Performed. REMOVED EXISTING  
FULLY-BORED OUT ORIFICE PLATE AND REPLACED WITH  
FLOW-RESTRICTING ORIFICE PLATE.

8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI Test Temperature \_\_\_\_\_ °F

9. Remarks IN-SERVICE LEAK TEST WITH PUMP 2B  
RUNNING ON CONTAINMENT SPRAY.

10. SCAR/PER Initiated: Yes  No  -- Number (if yes) \_\_\_\_\_

11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Paul G. Bell Signature Organization MODIFICATIONS Date 5-2-92  
ANII: C.E. Miteady Date 5-7-92  
0296P/dar

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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 5-11-92  
Sheet Nos. 169 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WP M7983-01
3. Work Performed by: TVA Company  
Sequoyah Nuclear Plant Address  
Daisy TN City and State  
Type Code Symbol Stamp  
Authorization No. NA RAZ 5-11-92  
Expiration Date /
4. Identification of System: No. 062 Name Chemical and Volume Control  
5A. Applicable Construction Code NA RAZ 5-11-92 Addenda \* Code Case NA RAZ 5-11-92  
Edition, 19  
5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and Location as needed to aid in identification) 3"  $\phi$  Motor Operated Gate Valve 2-FCV-62-90
- 6B. Name of Manufacturer Velan Engineering Co.  
Address of Manufacturer (if known) Plattsburgh, NY
- 6C. Manufacturer's Serial Number NA RAZ 5-11-92
- 6D. National Board Number (if applicable) NA RAZ 5-11-92
- 6E. Other Identification (subassembly number, heat number etc.) NA RAZ 5-11-92
- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed Drilled holes (3/8"  $\phi$  x 1/8" deep) in valve bonnet for set screws used for locking new valve yokes in place.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure N/A Other   
Pressure PSI Test Temperature 5-11-92 °F
9. Remarks \* Contract 91934, Westinghouse E-Specs 678765 & 678258.
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA RAZ 5-11-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Roger G. Zardo Signature MODS Organization  
Date 5-11-92  
ANII: C.E. McTeafe Signature  
Date 5-12-92

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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 5-11-92  
Sheet Nos. 170 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WP M7983-01
3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company  
Sequoyah Nuclear Plant Authorization No. NA Ref 5-11-92  
Address  
Daisy TN Expiration Date \_\_\_\_\_  
City and State
4. Identification of System: No. 062 Name Chemical and Volume Control
- 5A. Applicable Construction Code \_\_\_\_\_ \* \_\_\_\_\_ 19 Edition,  
NA Ref 5-11-92 Addenda Code Case NA Ref 5-11-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) 3"  $\phi$  Motor Operated  
Gate Valve 2-FCV-62-138
- 6B. Name of Manufacturer Velan Engineering Co.  
Address of Manufacturer (if known) Plattsburgh, NY
- 6C. Manufacturer's Serial Number NA Ref 5-11-92
- 6D. National Board Number (if applicable) NA Ref 5-11-92
- 6E. Other Identification (subassembly number, heat number etc.) NA Ref 5-11-92
- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Drilled holes  
( $3/16$ "  $\phi$  x  $1/8$ " deep in) in valve bonnet for set screws used  
for locking new valve yokes in place.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure N Other   
Pressure \_\_\_\_\_ PSI NA Ref 5-11-92 Test Temperature \_\_\_\_\_ °F
9. Remarks \* Contract 91934, Westinghouse E-Specs 678765 & 678258.
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) NA Ref 5-11-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Roger G. Lardis Signature Organization MODS Date 5-11-92  
ANII: C. E. Miteeff Signature Date 5-12-92

SITE  
STANDARD  
PRACTICE

REPAIR/REPLACEMENT OF ASME  
SECTION XI COMPONENTS

SSP-13.3  
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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 4-27-92  
Sheet Nos. 171 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WP M7983-02
3. Work Performed by: TVA Type Code Symbol Stamp \_\_\_\_\_  
Company Sequoyah Nuclear Plant Authorization No. NA RAZ 4-27-92  
Address Daisy TN 37379 Expiration Date \_\_\_\_\_  
City and State
4. Identification of System: No. 62 Name CVCS
- 5A. Application Construction Code ANSI B31.7 196A Edition,  
Summer 1970 Addenda Code Case NA RAZ 4-27-92
- 5B. Application Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 5A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Support 2-CVCH-524 for  
3" pipe, DCAs M07983-08, -09
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SN
- 6C. Manufacturer's Serial Number NA RAZ 4-27-92
- 6D. National Board Number (if applicable) NA RAZ 4-27-92
- 6E. Other Identification (subassembly number, heat number etc.) \_\_\_\_\_
- 6F. Year Built Unknown Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Added Items 12 & 13  
to make support rigid in the +Y direction.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI NA RAZ 4-27-92 Test Temperature \_\_\_\_\_ | F
9. Remarks \_\_\_\_\_
10. CAQR/PER Initiated: Yes  No  -- Number (if yes) \_\_\_\_\_
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Robert G. Landis / MODS Date 4-27-92  
Signature Organization Date 4-27-92  
ANII: C. E. Metcalf

APPENDIX E  
Page 1 of 2

M 8030-0  
IX-a-5

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 3-20-91  
Sheet Nos. 172 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. M 8030-01
3. Work Performed by: TVA Company Type Code Symbol Stamp N/A 3-20-92  
P.O. BOX 2000 Address Authorization No. N/A 3-20-92  
SODDY DAISY, TN 37379 City and State Expiration Date N/A 3-20-92
4. Identification of System: No. 063 Name SAFETY INJECTION
- 5A. Application Construction Code AMSI-1317 1969 Edition, Addenda Code Case N/A 3-20-92
- 5B. Application Edition of Section XI Utilized for Repairs or Replacements: 1970 1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and Location as needed to aid in identification) PIPE SUPPORT# 2-SIH-457  
2'-4" NORTH OF A11 + 6'-6" WEST OF W, EL 705.1" 8" PIPE  
PSA-3 SNUBBER WITH BE-411-5 CLAMP DWG# H20-45
- 6B. Name of Manufacturer TVA SAIV  
Address of Manufacturer (if known) P.O. 2000, SODDY DAISY, TN 37379
- 6C. Manufacturer's Serial Number \_\_\_\_\_
- 6D. National Board Number (if applicable) N/A 3-20-92
- 6E. Other Identification (subassembly number, heat number etc.) PSA-3  
SNUBBER SERIAL# 369
- 6F. Year Built UNKNOWN Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed: RELOCATED  
SUPPORT FROM HORIZONTAL RUN TO VERTICAL RUN
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure \_\_\_\_\_ PSI Test Temperature \_\_\_\_\_ | F
9. Remarks \_\_\_\_\_
10. CAQR/PER Initiated: Yes  No  -- Number (if yes) \_\_\_\_\_
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Rave S. Bell Signature Date 3-20-92  
1 mol "B" Organization  
ANII: C.E. Metcalf Date 3-22-92

APPENDIX E  
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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER DATE 5-15-92  
Sheet Nos. 173 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000 UNIT:  0,  1,  2  
Soddy Daisy, Tennessee 37379 WID No. WP MB411-01
3. Work Performed by: TVA Type Code Symbol Stamp  
Company Sequoyah Nuclear Plant Authorization No. NA RAJ 5-15-92  
Address Daisy TN Expiration Date  
City and State
4. Identification of System: No. 062 Name Chemical and Volume Control
- 5A. Applicable Construction Code ASME III Class 1 1974 Edition,  
Summer 1975 Addenda Code Case NA RAJ 5-15-92
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) 3"  $\phi$  Swing Check Valve  
2-VL1-062-660
- 6B. Name of Manufacturer Berg Warner  
Address of Manufacturer (if known) Van Nuys, CA
- 6C. Manufacturer's Serial Number 24662
- 6D. National Board Number (if applicable): NA RAJ 5-15-92
- 6E. Other Identification (subassembly number, heat number etc.) Metal Round Bar  
ASTM A479 Type 316 HT# A11498
- 6F. Year Built 1977 Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Installed cap  
on valve to prevent excessive leakage.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure 2250 PSI Test Temperature 549 °F
9. Remarks
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) SPER 920147
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Roger A. Landis MODS Date 5-15-92  
Signature Organization Date 5-20-92

APPENDIX E  
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NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 4-28-92  
Sheet Nos. 174 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WP MS427-01
3. Work Performed by: TVA Company  
SVP, P.O. Box 2000 Address  
Soddy Daisy, TN City and State  
Type Code Symbol Stamp N/A  
Authorization No. N/A  
Expiration Date N/A
4. Identification of System: No. 63 Name SAFETY INJECTION
- 5A. Applicable Construction Code ANSI B31.7 1969 Edition,  
1970 Addenda Code Case N/A
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) Swing Check Valve 2-63-559 for  
6" φ pipe, SI Check Valve off of Hot Leg Loop 2
- 6B. Name of Manufacturer WESTINGHOUSE Electro-Mechanical Division  
Address of Manufacturer (if known) Cheswick PA
- 6C. Manufacturer's Serial Number W750084
- 6D. National Board Number (if applicable) W22977
- 6E. Other Identification (subassembly number, heat number etc.) 2" φ SA312 TP316  
Sch 160 (HT#08205)①
- 6F. Year Built 1980 Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. Replaced existing  
valve with new valve, work involved replacement of approximately  
2 feet of 2" φ pipe and rewelding to existing 6" φ pipe.
8. Tests Conducted: Hydrostatic  Pneumatic   
Nominal Operating Pressure  Other   
Pressure 2245-2260 PSI ② Test Temperature \_\_\_\_\_ °F
9. Remarks ① Pipe upgraded per WR# C074920 from ASME III-2 to III-1.  
② PMT performed per WR# C074865.
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) N/A Ref 5-15-92
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Robert J. Lantis Signature MADS Organization  
Date 5-15-92  
ANII: C. E. A. [Signature] Date 5-29-92  
0296P/dar 8427-01





Part No.	Material Spec. No.	Manufacturer	Remarks
<u>(c) Bolting</u>			
<u>Main Flange:</u>			
<u>Studs</u>	<u>SA 433 GR 660</u>	<u>REDCorp</u>	<u>Heat No. 614612</u>
<u>Nuts</u>	<u>SA 194 GR 6</u>	<u>VitcoNuclear</u>	<u>Heat No. 75473</u>
<u>(d) Other Parts</u>			

Hydrostatic test 6207 psi.

**CERTIFICATE OF COMPLIANCE**

We certify that the statements made in this report are correct and that this pump, or valve, conforms to the rules of construction of the ASME Code for Nuclear Power Plant Components, Section III, Div. 1, Edition 1974.

Addenda W75 Code Case No. 1769 Date 9-26-80

Signed Westinghouse Electric Corporation by P. J. Powell

Our ASME Certificate of Authorization No. 1385 to use the N symbol expires May 14, 1982

**CERTIFICATION OF DESIGN**

Design information on file at Westinghouse Electro-Mechanical Division

Stress analysis report (Class 1 only) on file at Westinghouse Electro-Mechanical Division

Design specifications certified by (1) L. J. Malandra

PE State PA Reg. No. 13868E

Stress analysis certified by (1) Harry E. Eminger

PE State PA Reg. No. 10729E

(1) Signature not required. List name only.

**CERTIFICATE OF SHOP 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 Pennsylvania and employed by Lumbermens Mutual Casualty Co. of Long Grove, Illinois have inspected the pump, or valve, described in this Data Report on 9-26 1980 and state that to the best of my knowledge and belief, the Manufacturer has constructed this pump, or valve, in accordance with the ASME Code, Section III.

By signing this certificate, neither the inspector nor his employer makes any warranty, expressed or implied, concerning the equipment described in this Data 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.

Date 9-26 1980 Paul A. Laine Commissions N. 24325 P. 1760

(Inspector) (Nat'l Bd., State, Prov. and No.)

ROLL FRAME  
02945 2613

B14.01 W00027A

APPENDIX E  
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WP MOBAGG-1  
PAGE IX-63

NIS-2 ATTACHMENT

1. (OWNER) TENNESSEE VALLEY AUTHORITY  
NUCLEAR POWER  
DATE 4-27-92  
Sheet Nos. 177 of 177  
(filled in by ISI Programs)
2. (PLANT) SEQUOYAH NUCLEAR PLANT  
P.O. Box 2000  
Soddy Daisy, Tennessee 37379  
UNIT:  0,  1,  2  
WID No. WPM8466-01
3. Work Performed by: TVA Type Code Symbol Stamp N/A  
Company  
PO BOX 2000 / SEQUOYAH NUCLEAR PLANT Authorization No. N/A  
Address  
SODDY-DAISY TN Expiration Date N/A  
City and State
4. Identification of System: No. 003 Name FEEDWATER
- 5A. Applicable Construction Code ANSI B31.7 19 67 Edition,  
THROUGH SUMMER '70 Addenda Code Case N/A
- 5B. Applicable Edition of Section XI Utilized for Repairs or Replacements:  
1980, Winter 1981 Addenda
- 6A. Name of Component(s) and Description (Include size, capacity, material, and  
Location as needed to aid in identification) COMPONENT SUPPORT  
47A401-4-1 Tieback for 1/2"  $\phi$  instrument line to  
16"  $\phi$  Feedwater line.
- 6B. Name of Manufacturer TVA  
Address of Manufacturer (if known) SN
- 6C. Manufacturer's Serial Number N/A
- 6D. National Board Number (if applicable) N/A
- 6E. Other Identification (subassembly number, heat number etc.) N/A
- 6F. Year Built UNKNOWN Code Class 1  2
- 6G. Repaired  Replaced  Replacement
- 6H. ASME Code Stamped YES  NO
7. Brief Description of Repair or Replacement Work Performed. CONFIGURATION  
OF INSTRUMENT LINE SUPPORT MODIFIED TO FACILITATE REPLACEMENT  
OF 16"  $\phi$  FEEDWATER PIPING - REF: DCA MOBAGG-02 / DWG. 2-67A41-4-1
8. Tests Conducted: Hydrostatic  N Pneumatic   
Nominal Operating Pressure  Other   
Pressure PSI 202 Test Temperature 4-27-92 °F
9. Remarks Worked in conjunction with FW elbow and transition  
piece replacement on WR # C014565.
10. SCAR/PER Initiated: Yes  No  -- Number (if yes) N/A
11. Applicable Manufacturers Data Report to be attached: Yes  No   
Prepared By: Raymond Turner IMOD B Date 4-27-92  
Signature O.E. Metcalfe Organization Date 4-27-92