

Tennessee Valley Authority, Post Office Box 2000, Soddy-Daisy, Tennessee 37384-2000

February 6, 2001

U.S. Nuclear Regulatory Commission ATTN: Document Control Desk Washington, D.C. 20555

Gentlemen:

In the Matter of Tennessee Valley Authority Docket No. 50-328

SEQUOYAH NUCLEAR PLANT - UNIT 2 CYCLE 10 (U2C10) 90-DAY INSERVICE INSPECTION (ISI) SUMMARY REPORT

Enclosed is Sequoyah's U2C10 ISI Summary Report for the American Society of Mechanical Engineers (ASME) Section XI ISI and augmented nondestructive examination results that were performed from May 11, 2000 to November 14, 2000. The report contains the NIS-1 Owners Data Report that is divided into Appendix A (Steam Generator Tubing Inspection results), Appendix B (NIS-2 Owners Data Report for repairs and replacements), Appendix C (Pressure Test Report), and Appendix D (IWE Metal Containment Evaluations).

)

The ISI Summary Report is being provided in accordance with IWA-6220 and IWA-6230 of ASME Code, Section XI.

Please direct questions concerning this issue to me at (423) 843-7170 or J. D. Smith at (423) 843-6672.

Sincerely,

Vel. anni

Dennis L. Koehl Plant Manager

Enclosure cc: See page 2

AD47

U.S. Nuclear Regulatory Commission Page 2 February 6, 2001

14

cc (Enclosure): Mr. R. W. Hernan, Project Manager Nuclear Regulatory Commission One White Flint, North 11555 Rockville Pike Rockville, Maryland 20852-2739

> Mr. Lawrence E. Nanney, Director (w/o Enclosures) Division of Radiological Health Third Floor L&C Annex 401 Church Street Nashville, Tennessee 37243-1532

NRC Resident Inspector Sequoyah Nuclear Plant 2600 Igou Ferry Road Soddy-Daisy, Tennessee 37379-3624

Regional Administrator U.S. Nuclear Regulatory Commission Region II Sam Nunn Atlanta Federal Center 61 Forsyth St., SW, Suite 23T85 Atlanta, Georgia 30303-8931

ENCLOSURE

TENNESSEE VALLEY AUTHORITY SEQUOYAH NUCLEAR PLANT UNIT 2

UNIT 2 CYCLE 10 90-DAY INSERVICE INSPECTION SUMMARY REPORT

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

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

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

ASME SECTION XI

INSERVICE INSPECTION SUMMARY REPORT FOR SEQUOYAH NUCLEAR PLANT

UNIT 2 CYCLE 10

DATE OF COMPLETION OF REPORT JANUARY 23, 2001

PREPARED BY GINEER, COMPONENT (ISI) Lait For JOEL W. WHITAKON PER TELETON REVIEWED BY ISO NDE LEVEL III **REVIEWED BY** O ISI/NDE SUPERVISOR IS I FOR JERRY K. MCCLANAHN **REVIEWED BY** PER TELEZON TE MATERIALS & INSPECTION CORP an APPROVED BY JENGINEERING MANAGER COM ONENI How APPROVED BY NEERING MANAGER

1 of 201

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

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

TABLE OF CONTENTS

Form NIS-1 Owners Data Report

Introduction / Summary of Inservice Examinations

- Scope
- Introduction
- Summary

Section 1	Examination SummaryExamination Credit SummaryExamination Code Category and Item Number Summary
Section 2	Examination Plan (Post Outage Inservice and Preservice Reports)
Section 3	Summary of Notification of Indications
Section 4	Additional Samples
Section 5	Successive Examinations
Section 6	Augmented Examinations
Section 7	Analytical Evaluations
Section 8	Request For Relief
Appendix A	Summary of Steam Generator Tubing Examinations
Appendix B	NIS-2 Owners Data Report For Repair and Replacement
Appendix C	Pressure Test Report
Appendix D	IWE Metal Containment Evaluations

2 of 201

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

UNIT : TWO

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

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

INTRODUCTION / SUMMARY OF INSERVICE EXAMINATIONS

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

Scope:

This is to provide an overview of the Inservice Examinations performed during the Unit 2 Cycle 10 for Class 1 and 2 components as required by 0-SI-DXI-000-114.2 "ASME Section XI ISI/NDE Program Unit 1 and Unit 2", SPP-9.1 "ASME Section XI and Augmented Nondestructive Examination Program", and IWA-6220 of ASME Section XI, 1989 Edition. This report also includes steam generator eddy current examinations in Appendix A, repairs and replacements performed in Appendix B, pressure tests in Appendix C, and the IWE metal containment evaluations in accordance with 10CFR 50.55a(b)(2)(x) in Appendix D.

Introduction:

The code of record for the second inspection interval which began December 16, 1995 is the 1989 Edition of the ASME Boiler and Pressure Vessel Code, Section XI, Division 1.

The Unit 2 Cycle 10 inservice examinations were performed during the period from May 11, 1999 to November 14, 2000. This report also includes preservice examinations on class 1 and 2 components. This report also includes repair and replacements (NIS-2 Forms) performed from May 11, 1999 to November 14, 2000. The Unit 2 Cycle 10 Refueling Outage began when the generator was taken off line on October 22, 2000. The outage was completed on November 14, 2000, when the generator was tied to the power grid. The inservice examinations were performed to the implementing plant Surveillance Instruction 0-SI-DXI-000-114.2, "ASME Section XI ISI/NDE Program Unit 1 and Unit 2". The steam generator eddy current examinations are discussed in Appendix A, repairs and replacements are discussed in Appendix B, pressure tests are discussed in Appendix C, and the IWE metal containment evaluations are discussed in Appendix D. Examinations performed during this cycle satisfy the inspection requirements for the second outage of the second period of the second 10 year interval as defined in the 0-SI-DXI-000-114.2.

The Authorized Inspection Agency (AIA), Hartford Steam Boiler Inspection and Insurance Company, provided the following ANIIs:

Michael Lockwood and Lawrence Selensky Hartford Steam Boiler Inspection and Insurance Company 200 Ashford Center North, Suite 300 Atlanta, Georgia 30338-4860

6 of 201

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

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

Summary :

Unit 2 Cycle 10 was the second scheduled refueling outage during the second inspection period of the second Ten Year ISI interval. Class 1 and 2 components were examined in accordance with 0-SI-DXI-000-114.2, "ASME Section XI ISI/NDE Program Unit 1 and Unit 2". A summary listing of examinations performed for code credit are listed in SECTION 1. The examinations were performed to TVA procedures. The class 1 and 2 components examined and results for this inservice inspection outage are listed in SECTION 2. There were two Notice of Indications generated for ASME Section XI. Class 1 and 2 examinations. See SECTION 3 for Notice of Indications summary. See SECTION 4 for additional samples. See SECTION 5 for successive examinations. No regulatory augmented examinations were performed which required submittal to the regulatory authorities (Reference SECTION 6). There were no new ASME Class 1, 2, or 3 equivalent components for which examination results required acceptance by analytical evaluation (IWB-3132.4, IWB-3142.4, IWC-3122.4, IWC-3132.4 or IWD-3000) (Reference SECTION 7). There were six ISI components and three PSI components that did not receive code examination coverage (see SECTION 8).

For Unit 2 Cycle 10 steam generator tubing eddy current examinations results and number of tubes examined see **Appendix A**.

For repairs and replacements performed see Appendix B.

For Unit 2 Cycle 10 system pressure test results see Appendix C.

For Unit 2 Cycle 10 IWE metal containment evaluations see Appendix D.

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

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

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

SECTION 1

EXAMINATION SUMMARY

- Examination Credit Summary
- Examination Code Category and Item Number Summary

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

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

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

EXAMINATION CREDIT SUMMARY

The completion of examinations as required by the inspection plan for the second outage of the second period of the second interval is on schedule.

9 OF 201

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

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

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

EXAMINATION CREDIT SUMMARY ASME SECTION XI EXAMINATIONS FOR THE SECOND OUTAGE (U2C10) OF THE SECOND PERIOD OF THE SECOND TEN-YEAR INSPECTION INTERVAL

CATEGORY	TOTAL NUMBER REQUIRED FOR INTERVAL	TOTAL NUMBER CREDITED FOR THE INTERVAL	TOTAL NUMBER REQUIRED FOR SECOND PERIOD	TOTAL NUMBER CREDITED FOR THE SECOND PERIOD (U2C9 and U2C10)	TOTAL NUMBER CREDITED FOR U2C10 OF THE SECOND PERIOD	EXCLUSIONS EXCEPTIONS OR DEFERRALS
B-A	14	1 see note 1	1/2	1/2	1/2	deferral permissible
B-B	5	1	2	0	0	
B-D	36	12	6	6	4	Code Case N-521
B-E	115	0	0	0	0	deferral permissible
B-F	22	4	5	0	0	Code Case N-521
B-G-1	RV (216) RCP (24)	RV (144)	RV (72)	RV (72)	RV (54)	RCP only when B-L-2 examination performed
B-G-2	PZR (1) SG (2) RCP (2) Valves (6) Piping (13)	PZR (1) SG (1) RCP (0) Valves (3) Piping (7)	PZR (1) SG (0) RCP (0) Valves (1) Piping (4)	PZR (1) SG (0) RCP (0) Valves (1) Piping(4)	PZR (0) SG (0) RCP (0) Valves (1) Piping(0)	RCP and valves only when B-L-2 or B-M-2 examination performed
B-H, see B-K of Code Case N-509						
B-J	249 see note 7	79 see note 8	83	0	0	no examinations scheduled this outage

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

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

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

EXAMINATION CREDIT SUMMARY ASME SECTION XI EXAMINATIONS FOR THE SECOND OUTAGE (U2C10) OF THE SECOND PERIOD OF THE SECOND TEN-YEAR INSPECTION INTERVAL

(continued)

CATEGORY	TOTAL NUMBER REQUIRED FOR INTERVAL	TOTAL NUMBER CREDITED FOR THE INTERVAL	TOTAL NUMBER REQUIRED FOR SECOND PERIOD	TOTAL NUMBER CREDITED FOR THE SECOND PERIOD (U2C9 and U2C10)	TOTAL NUMBER CREDITED FOR U2C10 OF THE SECOND PERIOD	EXCLUSIONS EXCEPTIONS OR DEFERRALS
B-K-1, see B-K of Code Case N-509						
B-K of Code Case N-509	8	4 see note 5	3	2	0	
B-L-1	N/A					
B-L-2	1	0	0	0	0	deferral permissible: examine only if pump disassembled
B-M-1	N/A					
B-M-2	6	3	deferral permissible: examine only if valve disassembled	1	1	deferral permissible: examine only if valve disassembled
B-N-1	1 each period	1 -first period 1 -second period	1	1	1	
B-N-2	6	0	0	0	0	deferral permissible
B-N-3	1	0	0	0	0	deferral permissible

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

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

EXAMINATION CREDIT SUMMARY ASME SECTION XI EXAMINATIONS FOR THE SECOND OUTAGE (U2C10) OF THE SECOND PERIOD OF THE SECOND TEN-YEAR INSPECTION INTERVAL

(continued)

CATEGORY	TOTAL NUMBER REQUIRED FOR INTERVAL	TOTAL NUMBER CREDITED FOR THE INTERVAL	TOTAL NUMBER REQUIRED FOR SECOND PERIOD	TOTAL NUMBER CREDITED FOR THE SECOND PERIOD (U2C9 and U2C10)	TOTAL NUMBER CREDITED FOR U2C10 OF THE SECOND PERIOD	EXCLUSIONS EXCEPTIONS OR DEFERRALS
В-О	2	0	0	0	0	deferral permissible
B-P, see Appendix C B-Q, see Appendix A						
C-A	17	8	5	3	3	
С-В	12	7	5	4	2	
C-C see C-C of Code Case N-509						
C-C of Code Case N-509	29	13	11	7	1	
C-D	1	1	0	0	0	
C-F-1	148 see note 4 and 9	46 see note 6	49	0	0	
C-F-2	29	9	10	0	0	
C-G	N/A					
C-H, see Appendix C						

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

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

EXAMINATION CREDIT SUMMARY ASME SECTION XI EXAMINATIONS FOR THE SECOND OUTAGE (U2C10) OF THE SECOND PERIOD OF THE SECOND TEN-YEAR INSPECTION INTERVAL

(continued)

CATEGORY	TOTAL NUMBER REQUIRED FOR INTERVAL	TOTAL NUMBER CREDITED FOR THE INTERVAL	TOTAL NUMBER REQUIRED FOR SECOND PERIOD	TOTAL NUMBER CREDITED FOR THE SECOND PERIOD (U2C9 and U2C10)	TOTAL NUMBER CREDITED FOR U2C10 OF THE SECOND PERIOD	EXCLUSIONS EXCEPTIONS OR DEFERRALS
F-A see F-A of Code Case N-491						
F-A of Code Case N-491	198 * *Class 1 and 2 only see note 2	123 see note 3	70	67	4	

Notes:

- 1. Weld number W08-09A Category B-A, item number B1.40 was credited in the first period because the period was extended per IWB-2412(b) as identified in 0-SI-DXI-000-114.2.
- 2. Modification (deletions of supports) in category F-A decreased total supports from 203 to 198 in U2C9.
- 3. Removed from credit seven supports in Category F-A (2-RCH-027, 2-RCH-833, 2-SIH-005, 2-SIH-114, 2-SIH-115, 2-SIH-228 and 2-SIH-354) reported in U2C8.
- 4. Use of code paragraph IWC-1221(e) reduced the total from 151 to 147 for category C-F-1 reported in U2C8.
- 5. Removed from credit one integral attachment reported in the U2C7.
- 6. Removed from credit one weld (SIS-254) reported in U2C8.

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

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

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

EXAMINATION CREDIT SUMMARY ASME SECTION XI EXAMINATIONS FOR THE SECOND OUTAGE (U2C10) OF THE SECOND PERIOD OF THE SECOND TEN-YEAR INSPECTION INTERVAL

(continued)

- 7. Piping modification in the second period added 11 B-J welds to the total number required for the interval increased from 238 to 249 in the U2C10 report.
- 8. Due to piping modifications in the second period and the increase in the total number required in B-J for the interval these welds were added over the three periods (4) first, (2) second, (5) third. The 4 welds in the first period are counted as credit for the interval in the U2C10 report.
- Due to piping modification in the second period the total number required in C-F-1 increased by one weld for the interval from 147 to 148 in the U2C10 report.

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

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

EXAMINATION CODE CATEGORY AND ITEM NUMBER SUMMARY

15 of 201

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

UNIT : TWO

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

> EXAMINATION CODE CATEGORY AND ITEM NUMBER SUMMARY ASME SECTION XI CREDIT UNIT 2 CYCLE 10 CLASS 1 COMPONENTS

01/001				
COMPONENT	EXAM	CODE	CODE	Sample
	METHOD	CATEGORY	ITEM	
			NUMBER	
Reactor Vessel Head-to-Flange Weld	UT/MT	B-A	B1.40	1/2
Pressurizer Nozzle-to-Vessel Weld	UT	B-D	B3.110	2
Pressurizer Nozzle Inside Radius	UT	B-D	B3.120	2
Reactor Vessel Closure Head Nuts	MT	B-G-1	B6.10	18
Greater Than 2 Inches in Diameter				
Reactor Vessel Closure Head Studs	UT/MT	B-G-1	B6.30	18
Greater Than 2 Inches in Diameter				
When Removed				
Reactor Vessel Closure Washers	VT-1	B-G-1	B6.50	18
RCS Valve Bolting	VT-1	B-G-2	B7.70	1
RCS Valve Exceeding 4 Inches, Body	VT-3	B-M-2	B12.50	1
Internal Surface				
Reactor Vessel Interior	VT-3	B-N-1	B13.10	1

11 -5 721

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

UNIT : TWO

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

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

....

EXAMINATION CODE CATEGORY AND ITEM NUMBER SUMMARY ASME SECTION XI CREDIT UNIT 2 CYCLE 10 CLASS 2 COMPONENTS									
COMPONENT	EXAM METHOD	CODE CATEGORY	CODE ITEM NUMBER	Sample					
Steam Generator Shell Circumferential Weld	UT	C-A	C1.10	1					
RHR Heat Exchanger Shell Circumferential Weld	UT	C-A	C1.10	1					
RHR Heat Exchanger Circumferential Weld	UT	C-A	C1.20	1					
RHR Heat Exchanger Nozzle Without Reinforcing Plate in Vessels Greater Than ½ Inch Thick	UT/PT	C-B	C2.21	1					
CCP Injection Tank/BIT Nozzle Without Reinforcing Plate in Vessels Greater Than ½ Inch Thick	UT/MT	C-B	C2.21	1					
FWS Piping Integrally Welded Attachments	MT	C-C	C3.20	1					
CVCS Class 2 Supports - Function B	VT-3	F-A	F1.20B	2					
SIS Class 2 Supports - Function C	VT-3	F-A	F1.20C	1					
Seal Water Heat Exchanger Class 2 Equipment Support	VT-3	F-A	F1.40	1					

17 AE 701

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

UNIT : TWO COMMERCIAL SERVICE DATE : JUNE 1, 1982

NATIONAL BOARD NUMBER FOR UNIT : NOT REQUIRED

EXAMINATION CODE CATEGORY										
AND ITEM NU	AND ITEM NUMBER SUMMARY									
ASME SECTION XI	CREDIT UI	NIT 2 CYCLE	E 10							
STEAM	GENERAT	ORS								
COMPONENT	EXAM METHOD	CODE CATEGORY	CODE ITEM	Sample						

	In Line D		NUMBER	
TUBING *	ET	B-Q	B16.20	*

* See Appendix A for Summary of Steam Generator Eddy Current Examinations.

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

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

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

AND ITEM NU ASME SECTION XI	EXAMINATION CODE CATEGORY AND ITEM NUMBER SUMMARY ASME SECTION XI CREDIT UNIT 2 CYCLE 10 PRESSURE TESTS								
COMPONENT	COMPONENT EXAM CODE CODE Sample METHOD CATEGORY ITEM NUMBER								
PRESSURE TEST *	VT	*	*	*					

* See Appendix C for Summary of Pressure Tests.

19 05 201

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

UNIT : TWO COMMERCIAL SERVICE DATE : JUNE 1, 1982

NATIONAL BOARD NUMBER FOR UNIT : NOT REQUIRED

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

EXAMINATION CODE CATEGORY AND ITEM NUMBER SUMMARY ASME SECTION XI CREDIT UNIT 2 CYCLE 10 SUCCESSIVE EXAMINATIONS COMPONENTS

COMPONENT	EXAM	CODE	CODE	TOTAL
	METHOD	CATEGORY	ITEM	NUMBER
			NUMBER	EXAMINED
CVCS Class 1 Supports - Function A	VT-3	F-A	F1.10A	4
CVCS Class 1 Supports - Function B	VT-3	F-A	F1.10B	7
CVCS Class 1 Supports - Function D	VT-3	F-A	F1.10D	2
RCS Class 1 Supports - Function B	VT-3	F-A	F1.10B	1
RCS Class 1 Supports - Function C	VT-3	F-A	F1.10C	1
RCS Class 1 Supports - Function D	VT-3	F-A	F1.10D	2
SIS Class 1 Supports - Function A	VT-3	F-A	F1.10A	1
SIS Class 1 Supports - Function B	VT-3	F-A	F1.10B	1
SIS Class 1 Supports - Function C	VT-3	F-A	F1.10C	1
RHRS Class 2 Supports - Function C	VT-3	F-A	F1.20C	1
RHRS Class 2 Supports - Function D	VT-3	F-A	F1.20D	1
SIS Class 2 Supports - Function A	VT-3	F-A	F1.20A	1
SIS Class 2 Supports - Function B	VT-3	F-A	F1.20B	3
SIS Class 2 Supports - Function D	VT-3	F-A	F1.20D	1

20 of 201

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

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

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

SECTION 2

EXAMINATION PLAN (POST OUTAGE INSERVICE AND PRESERVICE REPORTS)

21 of 201

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

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

This Section contains a standardized Post Outage Reports to satisfy the reporting requirements of IWA-6000 of the ASME Section XI Code. These reports contains the inservice and preservice inspection data for class 1 and 2 components defined in 0-SI-DXI-000-114.2, "ASME Section XI ISI/NDE Program Unit 1 and Unit 2".

For Unit 2 Cycle 10 steam generator tubing eddy current examinations eddy current results and number of tubes examined see **Appendix A**.

For Unit 2 Cycle 10 system pressure testing results see Appendix C.

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

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

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

...

POST OUTAGE INSERVICE REPORT

23 of 201

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

PLANT: SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37379 CERTIFICATION OF AUTHORIZATION: NOT REQUIRED

1 1

EXAM REQUIREMENT 89E-02 UNIT: 2 CYCLE: 10 COMMERCIAL SERVICE DATE: JUNE 1, 1982 NATIONAL BOARD NUMBE

NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

System	Component Number	ISO Drawing	Category	ltem Number	Exam Scheduled	NDE Procedure	Calibration Standard	Exam Date	Exam Report	Exam Results	NOI Number	Comments
₹∨	W08-09B	ISI-0301-C-01	B-A	B1.40	MT	N-MT-6		20001031	R-6269	Passed		
₹∨	W08-09B	ISI-0301-C-01	B-A	B1.40	UT	N-UT-9	SQ-46	20001031	R-6343	Passed		66.6% EXAMINATION COVERAGE ACHIEVED
PZR	RCW-16	ISI-0396-C-01	B-D	B3.110	UT	N-UT-19	BNP-79	20001031	R-6315	Passed		68.8% EXAMINATION COVERAGE ACHIEVE
PZR	RCW-17	ISI-0396-C-01	B-D	B3.110	UT	N-UT-19	BNP-79	20001031	R-6316	Passed		68.8% EXAMINATION COVERAGE ACHIEVE
ZR	RCW-16-IR	ISI-0396-C-01	B-D	B3.120	UT	N-UT-55	SQ-77	20001031	R-6318	Passed		
ZR	RCW-17-IR	ISI-0396-C-01	B-D	B3.120	UT	N-UT-55	SQ-77	20001031	R-6317	Passed		
RV .	RVNUT-19	ISI-0304-C-01	B-G-1	B6.10	MT	N-MT-6		20001029	R-6266	Passed		COIL TECHNIQUE
RV .	RVNUT-20	ISI-0304-C-01	B-G-1	B6.10	MT	N-MT-6		20001029	R-6266	Passed		COIL TECHNIQUE
₹V	RVNUT-21	ISI-0304-C-01	B-G-1	B6.10	мт	N-MT-6		20001029	R-6266	Passed		COIL TECHNIQUE
۷.	RVNUT-22	ISI-0304-C-01	B-G-1	B6.10	мт	N-MT-6		20001029	R-6266	Passed		COIL TECHNIQUE
V	RVNUT-23	ISI-0304-C-01	B-G-1	B6.10	мт	N-MT-6		20001029	R-6266	Passed		COIL TECHNIQUE
RV .	RVNUT-24	ISI-0304-C-01	B-G-1	B6.10	мт	N-MT-6		20001029	R-6266	Passed		COIL TECHNIQUE
V	RVNUT-25	ISI-0304-C-01	B-G-1	B6.10	MT	N-MT-6		20001029	R-6266	Passed		COIL TECHNIQUE
V	RVNUT-26	ISI-0304-C-01	B-G-1	B6.10	MT	N-MT-6		20001029	R-6266	Passed		COIL TECHNIQUE
V	RVNUT-27	ISI-0304-C-01	B-G-1	B6.10	MT	N-MT-6		20001029	R-6266	Passed		COIL TECHNIQUE
V	RVNUT-28	ISI-0304-C-01	B-G-1	B6.10	MT	N-MT-6		20001029	R-6266	Passed		COIL TECHNIQUE
V	RVNUT-29	ISI-0304-C-01	B-G-1	B6.10	МТ	N-MT-6		20001029	R-6266	Passed		COIL TECHNIQUE
v	RVNUT-30	ISI-0304-C-01	B-G-1	B6.10	мт	N-MT-6		20001029	R-6266	Passed		COIL TECHNIQUE
v	RVNUT-31	ISI-0304-C-01	B-G-1	B6.10	МТ	N-MT-6		20001029	R-6266	Passed		COIL TECHNIQUE
V	RVNUT-32	ISI-0304-C-01	B-G-1	B6.10	MT	N-MT-6		20001029	R-6266	Passed		COIL TECHNIQUE
V	RVNUT-33	ISI-0304-C-01	B-G-1	B6.10	мт	N-MT-6		20001029	R-6266	Passed		COIL TECHNIQUE
V	RVNUT-34	ISI-0304-C-01	B-G-1	B6.10	МТ	N-MT-6		20001029	R-6266	Passed		COIL TECHNIQUE
.v	RVNUT-35	ISI-0304-C-01	B-G-1	B6.10	MT	N-MT-6		20001029	R-6266	Passed		
.v	RVNUT-36	ISI-0304-C-01	B-G-1	B6.10	мт	N-MT-6		20001029	R-6266	Passed		COIL TECHNIQUE
.v	RVSTUD-19	ISI-0304-C-01	B-G-1	B6.30	MT	N-MT-6		20001029	R-6265	Passed		
v	RVSTUD-19	ISI-0304-C-01	B-G-1	B6.30	UT	N-UT-67	SQ-102	20001028	R-6267	Passed		
:v	RVSTUD-20	ISI-0304-C-01	B-G-1	B6.30	мт	N-MT-6		20001029	R-6265	Passed		
v	RVSTUD-20	ISI-0304-C-01	B-G-1	B6.30	UT	N-UT-67	SQ-102	20001028	R-6267	Passed		
RV .	RVSTUD-21	ISI-0304-C-01	B-G-1	B6.30	МТ	N-MT-6		20001029	R-6265	Passed		
Ν	RVSTUD-21	ISI-0304-C-01	B-G-1	B6.30	UT	N-UT-67	SQ-102	20001028	R-6267	Passed		
२∨	RVSTUD-22	ISI-0304-C-01	B-G-1	B6.30	MT	N-MT-6		20001029	R-6265	Passed		

01/11/2001 NIS-1

Page 1

PLANT: SEQUOYAH NUCLEAR PLANT

P.O. BOX 2000

; ;

SODDY DAISY, TENNESSEE 37379

CERTIFICATION OF AUTHORIZATION: NOT REQUIRED

EXAM REQUIREMENT 89E-02 UNIT: 2 CYCLE: 10 COMMERCIAL SERVICE DATE: JUNE 1, 1982

NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

System	Component Number	ISO Drawing	Category	ltern Number	Exam Scheduled	NDE Procedure	Calibration Standard	Exam Date	Exam Report	Exam Results	NOI Number	Comments
RV	RVSTUD-22	ISI-0304-C-01	B-G-1	B6.30	UT	N-UT-67	SQ-102	20001028	R-6267	Passed		
RV	RVSTUD-23	ISI-0304-C-01	B-G-1	B6.30	MT	N-MT-6		20001029	R-6265	Passed		
RV	RVSTUD-23	ISI-0304-C-01	B-G-1	B6.30	UT	N-UT-67	SQ-102	20001028	R-6267	Passed		
RV	RVSTUD-24	ISI-0304-C-01	B-G-1	B6.30	MT	N-MT-6		20001029	R-6265	Passed		
RV	RVSTUD-24	ISI-0304-C-01	B-G-1	B6.30	UT	N-UT-67	SQ-102	20001028	R-6267	Passed		
RV	RVSTUD-25	ISI-0304-C-01	B-G-1	B6.30	MT	N-MT-6		20001029	R-6265	Passed		
RV	RVSTUD-25	ISI-0304-C-01	B-G-1	B6.30	UT	N-UT-67	SQ-102	20001028	R-6267	Passed		,
RV	RVSTUD-26	ISI-0304-C-01	B-G-1	B6.30	MT	N-MT-6		20001029	R-6265	Passed		
RV	RVSTUD-26	ISI-0304-C-01	B-G-1	B6.30	UT	N-UT-67	SQ-102	20001028	R-6267	Passed		
RV	RVSTUD-27	ISI-0304-C-01	B-G-1	B6.30	MT	N-MT-6		20001029	R-6265	Passed		
RV	RVSTUD-27	ISI-0304-C-01	B-G-1	B6.30	UT	N-UT-67	SQ-102	20001028	R-6267	Passed		
RV	RVSTUD-28	ISI-0304-C-01	8-G-1	B6.30	мт	N-MT-6		20001029	R-6265	Passed		
RV	RVSTUD-28	ISI-0304-C-01	B-G-1	B6.30	UΤ	N-UT-67	SQ-102	20001028	R-6267	Passed		
RV	RVSTUD-29	ISI-0304-C-01	B-G-1	B6.30	MT	N-MT-6		20001029	R-6265	Passed		
RV	RVSTUD-29	ISI-0304-C-01	B-G-1	B6.30	UT	N-UT-67	SQ-102	20001028	R-6267	Passed		·
RV	RVSTUD-30	ISI-0304-C-01	B-G-1	B6.30	MT	N-MT-6		20001029	R-6265	Passed		
RV	RVSTUD-30	ISI-0304-C-01	B-G-1	B6.30	UT	N-UT-67	SQ-102	20001028	R-6267	Passed		
RV	RVSTUD-31	ISI-0304-C-01	B-G-1	B6.30	MT	N-MT-6		20001029	R-6265	Passed		
RV	RVSTUD-31	ISI-0304-C-01	B-G-1	B6.30	UT	N-UT-67	SQ-102	20001028	R-6267	Passed		
RV	RVSTUD-32	ISI-0304-C-01	B-G-1	B6.30	MT	N-MT-6		20001029	R-6265	Passed		
RV	RVSTUD-32	ISI-0304-C-01	B-G-1	B6.30	UT	N-UT-67	SQ-102	20001028	R-6267	Passed		
RV	RVSTUD-33	ISI-0304-C-01	B-G-1	B6.30	MT	N-MT-6		20001029	R-6265	Passed		
RV	RVSTUD-33	ISI-0304-C-01	B-G-1	B6.30	υτ	N-UT-67	SQ-102	20001028	R-6267	Passed		
RV	RVSTUD-34	ISI-0304-C-01	B-G-1	B6.30	MT	N-MT-6		20001029	R-6265	Passed		
RV	RVSTUD-34	ISI-0304-C-01	B-G-1	B6.30	UT	N-UT-67	SQ-102	20001028	R-6267	Passed		
RV	RVSTUD-35	ISI-0304-C-01	B-G-1	B6.30	MT	N-MT-6		20001029	R-6265	Passed		
RV	RVSTUD-35	ISI-0304-C-01	B-G-1	B6.30	UT	N-UT-67	SQ-102	20001028	R-6267	Passed		
RV	RVSTUD-36	ISI-0304-C-01	B-G-1	B6.30	MT	N-MT-6		20001029	R-6265	Passed		
RV	RVSTUD-36	ISI-0304-C-01	B-G-1	B6.30	UT	N-UT-67	SQ-102	20001028	R-6267	Passed		
RV	RVWASHER-19	ISI-0304-C-01	B-G-1	B6.50	VT-1	N-VT-1		20001029	R-6264	Passed		
RV	RVWASHER-20	ISI-0304-C-01	B-G-1	B6.50	VT-1	N-VT-1		20001029	R-6264	Passed		
RV	RVWASHER-21	ISI-0304-C-01	B-G-1	B6.50	VT-1	N-VT-1		20001029	R-6264	Passed		

01/11/2001 NIS-1

Page 2

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

1 1

CERTIFICATION OF AUTHORIZATION: NOT REQUIRED

EXAM REQUIREMENT 89E-02 UNIT: 2 CYCLE: 10 COMMERCIAL SERVICE DATE: JUNE 1, 1982

NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

RV RVWASHER 22 ISH 0004 C-01 B-61 B 650 VT.1 NVT.1 Z0001029 R-624 Passed RV RVWASHER 24 ISH 0004 C-01 B-61 B 50 VT.1 NVT.1 Z0001029 R-624 Passed RV RVWASHER 25 ISH 0004 C-01 B-61 B 50 VT.1 NVT.1 Z0001029 R-624 Passed RV RVWASHER 25 ISH 0004 C-01 B-61 B 50 VT.1 NVT.1 Z0001029 R-624 Passed RV RVWASHER 27 ISH 0004 C-01 B-61 B 50 VT.1 NVT.1 Z0001029 R-624 Passed RV RVWASHER 23 ISH 0004 C-01 B-61 B 50 VT.1 NVT.1 Z0001029 R-624 Passed RV RVWASHER 23 ISH 0004 C-01 B-61 B 50 VT.1 NVT.1 Z0001029 R-624 Passed RV RVWASHER 23 ISH 0004 C-01 B-61 B 50 VT.1 NVT.1 Z0001029	System	Component Number	ISO Drawing	Category	ltem Number	Exam Scheduled	NDE Procedure	Calibration Standard	Exam Date	Exam Report		101 Imber	Comments
NV NVMASHER-24 Biblo304-C01 B-C1 B-C3 VT-1 VT-1 Z000122 R-224 Passed RV RVVASHER-25 Biblo304-C01 B-C1 B550 VT-1 NVT-1 Z000122 R-224 Passed RV RVVASHER-25 Biblo304-C01 B-C1 B550 VT-1 NVT-1 Z000122 R-224 Passed RV RVVASHER-26 Biblo304-C01 B-C1 B550 VT-1 NVT-1 Z000122 R-224 Passed RV RVVASHER-27 Biblo304-C01 B-C1 B550 VT-1 NVT-1 Z000102 R-224 Passed RV RVVASHER-30 Biblo304-C01 B-C1 B550 VT-1 NVT-1 Z000102 R-224 Passed	RV	RVWASHER-22	ISI-0304-C-01	B-G-1	B6.50	VT-1	N-VT-1		20001029	R-6264	Passed		ТОТИЧЕТ А «Каториалистика» и страницирали на страницира на странити странити странити странити странити страни Потичет на странити с
NV RVVASHER-25 Biologic-00 Bi-di- Biologic-00 N-VT-1 2001029 R-264 Passed RV RVVASHER-25 IS-0304-C-01 B-G1 B-G0 VT-1 NVT-1 2001029 R-264 Passed RV RVVASHER-27 IS-0304-C-01 B-G1 B-G0 VT-1 NVT-1 2001029 R-264 Passed RV RVVASHER-27 IS-0304-C-01 B-G1 B-G0 VT-1 NVT-1 2001029 R-264 Passed RV RVVASHER-30 IS-0304-C-01 B-G1 B-G0 VT-1 NVT-1 2001029 R-264 Passed RV RVVASHER-30 IS-0304-C-01 B-G1 B-G0 VT-1 NVT-1 2001029 R-264 Passed RV RVVASHER-31 IS-0304-C-01 B-G1 B-G0 VT-1 NVT-1 2001029 R-264 Passed RV RVVASHER-31 IS-0304-C-01 B-G1 B-G0 VT-1 NVT-1 20001029 R-264 Passed	RV	RVWASHER-23	ISI-0304-C-01	B-G-1	B6.50	VT-1	N-VT-1		20001029	R-6264	Passed		
NV RVWASHER-26 Biolade-Coli Biola Viri< Viri Viri Viri< Viri Viri<	RV	RVWASHER-24	ISI-0304-C-01	B-G-1	B6.50	VT-1	N-VT-1		20001029	R-6264	Passed		
NV RVW ASHER-27 IS1030-C01 B-G3 F11 NVT-1 2001029 R-624 Passed RV RVWASHER-28 IS1030-C01 B-G1 B-G50 VT-1 NVT-1 2001029 R-624 Passed RV RVWASHER-29 IS1030-C01 B-G1 B-G50 VT-1 NVT-1 2001029 R-624 Passed RV RVWASHER-30 IS1030-C01 B-G1 B-G50 VT-1 NVT-1 20001029 R-624 Passed RV RVWASHER-31 IS1030-C01 B-G1 B-G50 VT-1 NVT-1 20001029 R-624 Passed RV RVWASHER-32 IS1030-C01 B-G1 B-G50 VT-1 NVT-1 20001029 R-624 Passed RV RVWASHER-32 IS1030-C01 B-G1 B-G50 VT-1 NVT-1 20001029 R-624 Passed RV RVWASHER-33 IS1030-C01 B-G1 B-G50 VT-1 NVT-1 20001029 R-624 Passed	RV	RVWASHER-25	ISI-0304-C-01	B-G-1	B6.50	VT-1	N-VT-1		20001029	R-6264	Passed		
NVRVWASHER-28R1000-000000000000000000000000000000000	RV	RVWASHER-26	ISI-0304-C-01	B-G-1	B6.50	VT-1	N-VT-1		20001029	R-6264	Passed		
NVRVWASHER-29R110010-00R110000-00R120000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00R20000-00<	RV	RVWASHER-27	ISI-0304-C-01	B-G-1	B6.50	VT-1	N-VT-1		20001029	R-6264	Passed		
NV RVWASHER-30 Biologe Col Bool Bool Col Product Produ	RV	RVWASHER-28	ISI-0304-C-01	B-G-1	B6.50	VT-1	N-VT-1		20001029	R-6264	Passed		
NV RVMASHER-31 Biolandor Coll Bool Bool NVT-1 200/102 R-264 Passed RV RVMASHER-32 ISI-0304-C-01 B-G1 B650 VT-1 N-VT-1 2000102 R-264 Passed RV RVMASHER-32 ISI-0304-C-01 B-G1 B650 VT-1 N-VT-1 2000102 R-264 Passed RV RVMASHER-33 ISI-0304-C-01 B-G1 B650 VT-1 N-VT-1 2000102 R-264 Passed RV RVMASHER-33 ISI-0304-C-01 B-G1 B650 VT-1 N-VT-1 2000102 R-264 Passed RV RVMASHER-35 ISI-0304-C-01 B-G1 B650 VT-1 N-VT-1 200102 R-264 Passed	RV	RVWASHER-29	ISI-0304-C-01	B-G-1	B6.50	VT-1	N-VT-1		20001029	R-6264	Passed		
NV	RV	RVWASHER-30	ISI-0304-C-01	B-G-1	B6.50	VT-1	N-VT-1		20001029	R-6264	Passed		
NV NVMASHER-33 ISL0304-C01 B-G-1 B-G-3 NU-T 200102 R-254 Passed RV RVWASHER-34 ISL0304-C01 B-G-1 B-G-0 VT.1 N-VT-1 2001029 R-264 Passed RV RVWASHER-35 ISL0304-C01 B-G-1 B-G-0 VT.1 N-VT-1 2001029 R-264 Passed RV RVWASHER-35 ISL0304-C01 B-G-1 B-G-1 N-VT-1 2001029 R-264 Passed RV RVWASHER-36 ISL0304-C01 B-G-1 B-G-1 N-VT-1 1991025 R-264 Passed RV RVWASHER-36 ISL0313-C03 B-G-2 B-7.0 VT.1 N-VT-1 1991025 R-626 Passed RC 68-563 ISL0313-C03 B-M-2 B12.0 VT.3 N-VT-1 1991025 R-612 Passed Remote VT RR RHRW-16-A ISL0328-C01 C-A C1.10 UT N-UT-1 S001010 R-6195 Passed S7.% E	RV	RVWASHER-31	ISI-0304-C-01	B-G-1	B6.50	VT-1	N-VT-1		20001029	R-6264	Passed		
RV RVWASHER-34 ISI-0304-C-01 B-G-1 B-G-1 B-G-1 N-VT-1 200102 R-6264 Passed RV RVWASHER-35 ISI-0304-C-01 B-G-1 B-G-1 B-G-1 N-VT-1 2000102 R-6264 Passed RV RVWASHER-36 ISI-0304-C-01 B-G-1 B-G-1 B-G-1 N-VT-1 2000102 R-6264 Passed RV RVWASHER-36 ISI-0304-C-01 B-G-1 B-G-1 N-VT-1 1991025 R-G12 Passed RCS 68-563 ISI-0013-C-03 B-42 B12.50 VT-1 N-VT-1 1991025 R-G12 Passed RV RVINT ISI-0298-C-01 B-N-1 B13.10 VT-3 N-VT-4 1991025 R-G12 Passed 2.7% EXAMINATION COVERAGE ACHIEVED SG GSW-D1 ISI-0401-C-01 C-A C1.10 UT N-UT-18 SQ-15 2000102 R-G12 Passed 2.7% EXAMINATION COVERAGE ACHIEVED RHR RHRW-15-A ISI-0289-C-01 C-A	RV	RVWASHER-32	ISI-0304-C-01	B-G-1	B6.50	VT-1	N-VT-1		20001029	R-6264	Passed		
RVW RVWASHER-35 S1-030-C-01 B-G-1 B-G-0 VT-1 VT-11 20001029 R-G264 Passed RV RVWASHER-36 ISI-030-C-01 B-G-1 B6-50 VT-1 N-VT-1 20001029 R-G264 Passed RV RVWASHER-36 ISI-0013-C-03 B-G-2 B7.0 VT-1 N-VT-1 19991025 R-6152 Passed RCS 68-563 ISI-0013-C-03 B-M-2 B12.50 VT-3 N-VT-1 19991025 R-6152 Passed RCS 68-563 ISI-0013-C-03 B-M-2 B12.50 VT-3 N-VT-1 19991025 R-6152 Passed Remote VT RCS 68-563 ISI-0013-C-03 B-M-2 B12.50 VT-3 N-VT-8 20001102 R-6152 Passed Remote VT RV RVINT ISI-028-C-01 C-A C1.10 UT N-UT-18 SQ-15 20001010 R-6195 Passed 27.7% EXAMINATION COVERAGE ACHIEVED RHR RHRW-15-A ISI-0280-C11<	RV	RVWASHER-33	ISI-0304-C-01	B-G-1	B6.50	VT-1	N-VT-1		20001029	R-6264	Passed		
RVWASHER-36 Isloade-Coll B-G1 B-G3 N-VT-1 2001023 N-0243 Passed RCS 68-563-BC Isloade-Coll B-G2 B7.00 VT-1 N-VT-1 20001023 R-6264 Passed RCS 68-563-BC Isloade-Coll B-G2 B7.00 VT-1 N-VT-1 19991025 R-6152 Passed RCS 68-563 Isloade-Coll B-H2 B12.50 VT-3 N-VT-1 19991025 R-6152 Passed RV RVINT Isloade-Coll B-H2 B12.50 VT-3 N-VT-3 19991025 R-6152 Passed Remole VT RRW RVMA Isloade-Coll G-A C1.00 UT N-UT-18 SQ-15 2001102 R-6152 Passed Passed SG SGW-D1 Isloade-Coll C-A C1.00 UT N-UT-18 SQ-15 2001102 R-6152 Passed Passed RHR RHRW-15-A Isloade-Coll C-A C.2.11 UT	RV	RVWASHER-34	ISI-0304-C-01	B-G-1	B6.50	VT-1	N-VT-1		20001029	R-6264	Passed		
RCS68-563-BCISI-0013-C-03B-G-2B7.70VT-1IN-TT-119991025R-6152PassedRCS68-563ISI-0013-C-03B-2B7.70VT-1N-VT-119991025R-6152PassedRVRVINTISI-028-C-03B-N-1B13.10VT-3N-VT-119991025R-6152PassedRHSW-16-AISI-0289-C-01C-AC1.10UTN-UT-18SQ-152001102R-6197PassedSGSGW-D1ISI-0401-C-01C-AC1.10UTN-UT-18SQ-152001010R-6197PassedRHRSRHRW-17-AISI-0289-C-01C-AC1.20UTN-UT-18SQ-152001012R-6197PassedRHRSBHRW-15-AISI-0289-C-01C-AC1.20UTN-UT-18SQ-152001012R-6197PassedRHRSRHRW-15-AISI-0289-C-01C-AC1.20UTN-UT-18SQ-152001012R-6197PassedRHRSBHRW-15-AISI-0289-C-01C-BC2.21PTN-UT-18SQ-152001012R-6197PassedRHRSBHRW-15-AISI-0289-C-01C-BC2.21UTN-UT-18SQ-152001012R-6197PassedRHRSBHRW-15-AISI-0249-C-01C-BC2.21UTN-UT-18SQ-152001010R-6172PassedSHRSBHT-5ISI-074-C-01C-BC2.21UTN-UT-18SQ-152001010R-6172Passed <t< td=""><td>RV</td><td>RVWASHER-35</td><td>ISI-0304-C-01</td><td>B-G-1</td><td>B6.50</td><td>VT-1</td><td>N-VT-1</td><td></td><td>20001029</td><td>R-6264</td><td>Passed</td><td></td><td></td></t<>	RV	RVWASHER-35	ISI-0304-C-01	B-G-1	B6.50	VT-1	N-VT-1		20001029	R-6264	Passed		
RCS68-563151-0013-C-038-M-2B12.50VT-3N-VT-11999102R-0152PassedRVRVINT151-0238-C-03B-M-2B13.10VT-3N-VT-820001102R-6152PassedRemole VTRHSRHW-16-A151-0238-C-01C-AC1.10UTN-UT-18SQ-1520001102R-6297Passed25.7% EXAMINATION COVERAGE ACHIEVEDSGSGW-D1IS1-0401-C-01C-AC1.10UTN-UT-18SQ-1520001102R-6197Passed25.7% EXAMINATION COVERAGE ACHIEVEDRHSRHW-17-AIS1-0289-C-01C-AC1.20UTN-UT-18SQ-152001101R-6176PassedRHSRHW-15-AIS1-0289-C-01C-BC2.21PTN-UT-18SQ-152001101R-6176PassedSILBIT-5IS1-0074-C-01C-BC2.21PTN-UT-18SQ-152001101R-6176PassedSILBIT-5IS1-0074-C-01C-BC2.21WTN-UT-18SQ-152001003R-6172PassedSILBIT-5IS1-0074-C-01C-BC2.21WTN-UT-18SQ-152001003R-6172PassedSILBIT-5IS1-0074-C-01C-BC2.21WTN-UT-19BNP-792001002R-6184Passed67% EXAMINATION COVERAGE ACHIEVEDSILBIT-5IS1-0074-C-01C-BC2.21WTN-WT-19BNP-792001002R-6184Passed67% EXAMINATION COVERAGE AC	RV	RVWASHER-36	ISI-0304-C-01	B-G-1	B6.50	VT-1	N-VT-1		20001029	R-6264	Passed		•
RVRVINTISI-0298-C-03B-N-1B13.10VT-3N-VT-820001102R-6297PassedRemote VTRHRSRHRW-16-AISI-0298-C-01C-AC1.10UTN-UT-18SQ-1520001102R-6155PassedSGSGW-D1ISI-0401-C-01C-AC1.10UTN-UT-18SQ-152000102R-6157Passed25.7% EXAMINATION COVERAGE ACHIEVEDRHRSRHRW-17-AISI-0289-C-01C-AC1.20UTN-UT-18SQ-1520001010R-6176Passed25.7% EXAMINATION COVERAGE ACHIEVEDRHRSRHRW-15-AISI-0289-C-01C-BC2.21PTN-PT-92000100R-6176Passed39% EXAMINATION COVERAGE ACHIEVEDSISBIT-5ISI-0074-C-01C-BC2.21VTN-UT-18SQ-152001010R-6176Passed39% EXAMINATION COVERAGE ACHIEVEDSISBIT-5ISI-0074-C-01C-BC2.21VTN-UT-18SQ-152001010R-6176Passed39% EXAMINATION COVERAGE ACHIEVEDSISBIT-5ISI-0074-C-01C-BC2.21VTN-UT-18SQ-152001002R-6186Passed67% EXAMINATION COVERAGE ACHIEVEDSISBIT-5ISI-0074-C-01C-BC2.21VTN-UT-19BNP-792001002R-6184Passed67% EXAMINATION COVERAGE ACHIEVEDSISBIT-5ISI-0074-C-01C-BC2.21VTN-UT-19BNP-792001002R-6184Passed67% EXAMINATION COVERAGE ACHI	RCS	68-563-BC	ISI-0013-C-03	B-G-2	B7.70	VT-1	N-VT-1		19991025	R-6152	Passed		
RHRSRHRW-16-AISI-026 9-C-01C-AC1.10UTN-UT-18SQ-152000102R-0537PassedRefine V1SGSGW-D1ISI-0289-C-01C-AC1.10UTN-UT-18SQ-152000102R-6195Passed25.7% EXAMINATION COVERAGE ACHIEVEDRHRSRHRW-17-AISI-0289-C-01C-AC1.20UTN-UT-18SQ-1520001012R-6197Passed25.7% EXAMINATION COVERAGE ACHIEVEDRHRSRHRW-15-AISI-0289-C-01C-BC2.21PTN-PT-920001010R-6176Passed39% EXAMINATION COVERAGE ACHIEVEDSISBIT-5ISI-0074-C-01C-BC2.21VTN-UT-18SQ-1520001002R-6186Passed39% EXAMINATION COVERAGE ACHIEVEDSISBIT-5ISI-0074-C-01C-BC2.21VTN-UT-19BNP-7920001002R-6188Passed67% EXAMINATION COVERAGE ACHIEVEDSISBIT-5ISI-0074-C-01C-BC2.21UTN-UT-19BNP-7920001002R-6188Passed67% EXAMINATION COVERAGE ACHIEVEDFWS2-FDH-326-IAMSG-0016-C-01C-CC3.20MTN-WT-12000102R-6184Passed67% EXAMINATION COVERAGE ACHIEVEDFWS2-FDH-326-IAMSG-0016-C-01C-CC3.20MTN-WT-12000102R-6184Passed67% EXAMINATION COVERAGE ACHIEVEDFWS2-FDH-326-IAMSG-0016-C-01C-CC-CC3.20MTN-WT-12000102R-6184	RCS	68-563	ISI-0013-C-03	B-M-2	B12.50	VT-3	N-VT-1		19991025	R-6152	Passed		
SG SGW-D1 Isleade of iteration String Str	RV	RVINT	ISI-0298-C-03	B-N-1	B13.10	VT-3	N-VT-8		20001102	R-6297	Passed		Remote VT
RHRSRHRW-17-AISI-0289-C-01C-AC1.20UTN-UT-18SQ-152000100R-6197PassedRHRSRHRW-15-AISI-0289-C-01C-BC2.21PTN-PT-920001010R-6176PassedRHRSRHRW-15-AISI-0289-C-01C-BC2.21PTN-UT-18SQ-1520001010R-6176PassedSISBIT-5ISI-0074-C-01C-BC2.21UTN-UT-18SQ-1520001003R-6172PassedSISBIT-5ISI-0074-C-01C-BC2.21UTN-UT-19BNP-7920001003R-6172PassedSISBIT-5ISI-0074-C-01C-BC2.21UTN-UT-19BNP-7920001002R-6188Passed67% EXAMINATION COVERAGE ACHIEVEDFWS2-FDH-326-IAMSG-0016-C-01C-CC3.20MTN-MT-620001010R-6188Passed67% EXAMINATION COVERAGE ACHIEVEDFWS2-FCVCH-548ISI-0449-C-33F-AF1.20BVT-3N-VT-120001016R-6194PassedWRC424266; Saddles in sleeveCVCS2-CVCH-583ISI-0449-C-29F-AF1.20BVT-3N-VT-120001010R-6183PassedWRC424266; Saddles in sleeveSIS2-SIH-466ISI-0449-C-29F-AF1.20BVT-3N-VT-120001010R-6183PassedWRC424266; Saddles in sleeveCVCS2-SIH-466ISI-0449-C-29F-AF1.20BVT-3N-VT-120001010R-6183Passed<	RHRS	RHRW-16-A	ISI-0289-C-01	C-A	C1.10	UT	N-UT-18	SQ-15	20001012	R-6195	Passed		
RHRS RHRW-15-A ISI-0289-C-01 C-B C2.21 PT N-PT-9 20001010 R-6176 Passed SIS BIT-5 ISI-0289-C-01 C-B C2.21 UT N-UT-18 SQ-15 20001010 R-6176 Passed 39% EXAMINATION COVERAGE ACHIEVED SIS BIT-5 ISI-0074-C-01 C-B C2.21 UT N-UT-19 BNP-79 20001003 R-6172 Passed 39% EXAMINATION COVERAGE ACHIEVED SIS BIT-5 ISI-0074-C-01 C-B C2.21 UT N-UT-19 BNP-79 20001003 R-6172 Passed 67% EXAMINATION COVERAGE ACHIEVED FWS 2-FDH-326-IA MSG-0016-C-01 C-C C3.20 MT N-UT-19 BNP-79 20001002 R-6188 Passed 67% EXAMINATION COVERAGE ACHIEVED FWS 2-FDH-326-IA MSG-0016-C-01 C-C C3.20 MT N-UT-19 20001028 R-6184 Passed 67% EXAMINATION COVERAGE ACHIEVED FWS 2-CVCH-548 ISI-0449-C-29 F-A F1.208 VT-3 N-VT-1 20001010 R-6183 Passed WRC424266; Saddles	SG	SGW-D1	ISI-0401-C-01	C-A	C1.10	UT	N-UT-19	WB-39	20001030	R-6342	Passed		25.7% EXAMINATION COVERAGE ACHIEVED
RHRSRHRW-15-AISI-0289-C-01C-BC2.21UTN-UT-18SQ-1520001010R-6170PassedSISBIT-5ISI-0074-C-01C-BC2.21UTN-UT-18SQ-1520001003R-6172PassedSISBIT-5ISI-0074-C-01C-BC2.21MTN-MT-620001003R-6172PassedFWS2-FDH-326-IAMSG-0016-C-01C-CC3.20MTN-UT-19BNP-7920001002R-6188PassedCVCS2-CVCH-548ISI-0449-C-33F-AF1.20BVT-3N-VT-120001016R-6194PassedWRC424266; Saddles in sleeveSIS2-SIH-466ISI-0449-C-29F-AF1.20BVT-3N-VT-120001010R-6183PassedVRC424266; Saddles in sleeveCVCS2-SIH-466ISI-0449-C-29F-AF1.20CVT-3N-VT-120001003R-6165Engineering 2-SQ-342Setting: 7/16"-11/16" 880#-972#	RHRS	RHRW-17-A	ISI-0289-C-01	C-A	C1.20	UT	N-UT-18	SQ-15	20001012	R-6197	Passed		
SIS BIT-5 ISI-0074-C-01 C-B C2.21 MT N-MT-6 20001003 R-6172 Passed 67% EXAMINATION COVERAGE ACHIEVED FWS 2-FDH-326-IA ISI-0074-C-01 C-B C2.21 UT N-UT-19 BNP-79 20001002 R-6188 Passed 67% EXAMINATION COVERAGE ACHIEVED FWS 2-FDH-326-IA MSG-0016-C-01 C-C C3.20 MT N-MT-6 20001002 R-6188 Passed 67% EXAMINATION COVERAGE ACHIEVED CVCS 2-CVCH-548 ISI-0449-C-33 F-A F1.20B VT-3 N-VT-1 20001010 R-6183 Passed WRC424266; Saddles in sleeve CVCS 2-CVCH-583 ISI-0449-C-29 F-A F1.20B VT-3 N-VT-1 20001010 R-6183 Passed SIS 2-SIH-466 ISI-0449-C-02 F-A F1.20C VT-3 N-VT-1 20001003 R-6165 Engineering 2-SQ-342 Setting: 7/16"-11/16" 880#-972#	RHRS	RHRW-15-A	ISI-0289-C-01	C-B	C2.21	PT	N-PT-9		20001010	R-6176	Passed		
SIS BIT-5 ISI-0074-C-01 C-B C2.21 UT N-UT-19 BNP-79 20001002 R-6188 Passed 67% EXAMINATION COVERAGE ACHIEVED FWS 2-FDH-326-IA MSG-0016-C-01 C-C C3.20 MT N-MT-6 20001003 R-6188 Passed 67% EXAMINATION COVERAGE ACHIEVED CVCS 2-CVCH-548 ISI-0449-C-33 F-A F1.20B VT-3 N-VT-1 20001010 R-6183 Passed WRC424266; Saddles in sleeve CVCS 2-CVCH-583 ISI-0449-C-29 F-A F1.20B VT-3 N-VT-1 20001010 R-6183 Passed SIS 2-SIH-466 ISI-0449-C-02 F-A F1.20C VT-3 N-VT-1 20001003 R-6165 Engineering 2-SQ-342 Setting: 7/16"-11/16" 880#-972#	RHRS	RHRW-15-A	ISI-0289-C-01	C-B	C2.21	UT	N-UT-18	SQ-15	20001012	R-6196	Passed		39% EXAMINATION COVERAGE ACHIEVED
FWS 2-FDH-326-IA MSG-0016-C-01 C-C C3.20 MT N-MT-6 20001002 R-6103 Passed BY # EXAMINATION COVERAGE ACHIEVED CVCS 2-CVCH-548 ISI-0449-C-33 F-A F1.20B VT-3 N-VT-1 20001016 R-6194 Passed WRC424266; Saddles in sleeve CVCS 2-CVCH-583 ISI-0449-C-29 F-A F1.20B VT-3 N-VT-1 20001010 R-6183 Passed SIS 2-SIH-466 ISI-0449-C-02 F-A F1.20C VT-3 N-VT-1 20001003 R-6165 Engineering 2-SQ-342 Setting: 7/16"-11/16" 880#-972# CVCS SWHXH ISI-0411 0.01 F0.402 F0.402 F0.402 F0.402 F0.402 F0.402	SIS	BIT-5	ISI-0074-C-01	C-8	C2.21	MT	N-MT-6		20001003	R-6172	Passed		
CVCS 2-CVCH-548 ISI-0449-C-33 F-A F1.20B VT-3 N-VT-1 20001016 R-6194 Passed WRC424266; Saddles in sleeve CVCS 2-CVCH-583 ISI-0449-C-29 F-A F1.20B VT-3 N-VT-1 20001010 R-6183 Passed SIS 2-SIH-466 ISI-0449-C-02 F-A F1.20C VT-3 N-VT-1 20001003 R-6165 Engineering 2-SQ-342 Setting: 7/16"-11/16" 880#-972#	SIS	BIT-5	ISI-0074-C-01	C-B	C2.21	UT	N-UT-19	BNP-79	20001002	R-6188	Passed		67% EXAMINATION COVERAGE ACHIEVED
CVCS 2-CVCH-583 ISI-0449-C-29 F-A F1.206 VT-3 N-VT-1 20001010 R-6183 Passed VVRC424266, Saddles in sleeve SIS 2-SIH-466 ISI-0449-C-02 F-A F1.20C VT-3 N-VT-1 20001003 R-6165 Engineering 2-SQ-342 Setting: 7/16"-11/16" 880#-972# CVCS SWHXH 1 ISI-0441-0-04 F1.405 VT-3 N-VT-1 20001003 R-6165 Engineering 2-SQ-342 Setting: 7/16"-11/16" 880#-972#	FWS	2-FDH-326-IA	MSG-0016-C-01	C-C	C3.20	MT	N-MT-6		20001028	R-6244	Passed		
SIS 2-SIH-466 ISI-0449-C-02 F-A F1.20C VT-3 N-VT-1 20001003 R-6165 Engineering 2-SQ-342 Setting: 7/16"-11/16" 880#-972# CVCS SWHXH 1 ISI-0444.0.04 F.A F1.405 VT-3 N-VT-1 20001003 R-6165 Engineering 2-SQ-342 Setting: 7/16"-11/16" 880#-972#	cvcs	2-CVCH-548	ISI-0449-C-33	F-A	F1.20B	VT-3	N-VT-1		20001016	R-6194	Passed		WRC424266; Saddles in sleeve
	CVCS	2-CVCH-583	ISI-0449-C-29	F-A	F1.20B	VT-3	N-VT-1		20001010	R-6183	Passed		
CVCS SWHXH-1 ISI-0461-C-01 F-A F1.40E1 VT-3 N-VT-1 20001029 R-6258 Passed	SIS	2-SIH-466	ISI-0449-C-02	F-A	F1.20C	VT-3	N-VT-1		20001003	R-6165	Engineering 2-S	SQ-342	Setting: 7/16"-11/16" 880#-972#
	CVCS	SWHXH-1	ISI-0461-C-01	F-A	F1.40E1	VT-3	N-VT-1		20001029	R-6258	Passed		

PLANT: SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

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

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

. ..

POST OUTAGE PRESERVICE REPORT

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

; ,

CERTIFICATION OF AUTHORIZATION: NOT REQUIRED

EXAM REQUIREMENT P08-02 UNIT: 2 CYCLE: 10 COMMERCIAL SERVICE DATE: JUNE 1, 1982

NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

Systəm	Component Number	ISO Drawing	Category	ltem Number	Exarn Scheduled	NDE Procedure	Calibration Standard		Exam Report	Exam Results	NOI Number	Comments
RCS	RCS-094-BC	ISI-0013-C-03	B-G-2	B7.50	VT-1	N-VT-1		20001030	R-6262	Passed		INSPECTED ONE NUT
RCP	RCP2CSABLT-01	ISI-0307-C-01	B-G-2	B7.60	VT-1	N-VT-1		20001026	R-6221	Passed		
RCP	RCP2CSABLT-02	ISI-0307-C-01	B-G-2	B7.60	VT-1	N-VT-1		20001026	R-6221	Passed		
RCP	RCP2CSABLT-03	ISI-0307-C-01	B-G-2	B7.60	VT-1	N-VT-1		20001026	R-6221	Passed		
RCP	RCP2CSABLT-04	ISI-0307-C-01	B-G-2	B7.60	VT-1	N-VT-1		20001026	R-6221	Passed		
RCP	RCP2CSABLT-05	ISI-0307-C-01	B-G-2	B7.60	VT-1	N-VT-1		20001026	R-6221	Passed		
RCP	RCP2CSABLT-06	ISI-0307-C-01	B-G-2	B7.60	VT-1	N-VT-1		20001026	R-6221	Passed		
RCP	RCP2CSABLT-07	ISI-0307-C-01	B-G-2	B7.60	VT-1	N-VT-1		20001026	R-6221	Passed		
RCP	RCP2CSABLT-08	ISI-0307-C-01	B-G-2	B7.60	VT-1	N-VT-1		20001026	R-6221	Passed		
RCP	RCP4CSABLT-01	ISI-0307-C-01	B-G-2	B7.60	VT-1	N-VT-1		20001026	R-6222	Passed		
RCP	RCP4CSABLT-02	ISI-0307-C-01	B-G-2	B7.60	VT-1	N-VT-1		20001026	R-6222	Passed		
RCP	RCP4CSABLT-03	ISI-0307-C-01	B-G-2	B7.60	VT-1	N-VT-1		20001026	R-6222	Passed		
RCP	RCP4CSABLT-04	ISI-0307-C-01	B-G-2	B7.60	VT-1	N-VT-1		20001026	R-6222	Passed		
RCP	RCP4CSABLT-05	ISI-0307-C-01	B-G-2	B7.60	VT-1	N-VT-1		20001026	R-6222	Passed		
RCP	RCP4CSABLT-06	ISI-0307-C-01	B-G-2	B7.60	VT-1	N-VT-1		20001026	R-6222	Passed		•
RCP	RCP4CSABLT-07	ISI-0307-C-01	B-G-2	B7.60	VT-1	N-VT-1		20001026	R-6222	Passed		
RCP	RCP4CSABLT-08	ISI-0307-C-01	B-G-2	B7.60	VT-1	N-VT-1		20001026	R-6222	Passed		
RCS	68-563-BC	ISI-0013-C-03	B-G-2	B7.70	VT-1	N-VT-1		19991124	R-6153	Passed		EXAMINED ON 7/21/98, WORK ORDER REVIEWED ON 11/24/99
RCS	68-564-BC	ISI-0013-C-03	B-G-2	B7.70	VT-1	N-VT-1		20001030	R-6344	Passed		THIS VALVE EXAMINED ON 7/18/98. INSTALLE DURING U2C10 ON 10/30/00.
SIS	63-559-BC	ISI-0002-C-07	B-G-2	B7.70	VT-1	N-VT-1		20001030	R-6263	Passed		SERIAL NO. 962080
SIS	SIF-198	ISI-0002-C-07	B-J	B9.11	UT	N-UT-64	SQ-01	20001102	R-6319	Passed		50% EXAMINATION COVERAGE ACHIEVED
SIS	SIF-198	ISI-0002-C-07	B-J	.B9.11	PT	N-PT-9		20001031	R-6348	Passed		
SIS	SIF-198B	ISI-0002-C-07	B-J	B9.11	UT	N-UT-64	SQ-01	20001027	R-6247	Passed		50% EXAMINATION COVERAGE ACHIEVED
SIS	SIF-198B	ISI-0002-C-07	B-J	B9.11	ΡΤ	N-PT-9		20001026	R-6256	Passed		
SIS	SIF-198C	ISI-0002-C-07	B-J	B9.11	РТ	N-PT-9		20001026	R-6219	Passed		
SIS	SIF-198C	ISI-0002-C-07	B-J	B9.11	UT	N-UT-64	SQ-01	20001027	R-6248	Passed		50% EXAMINATION COVERAGE ACHIEVED
SIS	SIF-198D	ISI-0002-C-07	B-J	B9.11	UT	N-UT-64	SQ-01	20001027	R-6249	Passed		
SIS	SIF-198D	ISI-0002-C-07	B-J	B9.11	PT	N-PT-9		20001022	R-6254	Passed		
SIS	SIF-198E	ISI-0002-C-07	B-J	B9.32	PT	N-PT-9		20001022	R-6255	Passed		
RHRS	SI-2122A	ISI-0003-C-08	B-J	B9.40	PT	N-PT-9		20001026	R-6308	Passed		
RHRS	SI-2122B	ISI-0003-C-08	B-J	B9.40	PT	N-PT-9		20001026	R-6309	Passed		

01/11/2001 NIS-1

Page 1

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

i i

CERTIFICATION OF AUTHORIZATION: NOT REQUIRED

EXAM REQUIREMENT P08-02 UNIT: 2 CYCLE: 10 COMMERCIAL SERVICE DATE: JUNE 1, 1982

NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

		Drawing	υ,	ltern Number	Exam Scheduled	NDE Procedure	Calibration Exam Standard Date	Exam Report	Exam Results	NOI Number	Comments
RHRS	SI-2122C	ISI-0003-C-08	B-J	B9.40	PT	N-PT-9	20001026	R-6310	Passed		
RHRS	SI-2122D	ISI-0003-C-08	B-J	B9.40	PT	N-PT-9	20001026	R-6311	Passed		
RHRS	SI-2190A	ISI-0003-C-08	B-J	B9.40	PT	N-PT-9	20001026	R-6304	Passed		
RHRS	SI-2190B	ISI-0003-C-08	B-J	B9.40	PT	N-PT-9	20001026	R-6305	Passed		
RHRS	SI-2190C	ISI-0003-C-08	B-J	B9.40	PT	N-PT-9	20001026	R-6306	Passed		
RHRS	SI-2190D	ISI-0003-C-08	B-J	B9.40	PT	N-PT-9	20001026	R-6307	Passed		
SIS	SI-1137A	ISI-0002-C-08	B-J	B9.40	PT	N-PT-9	20001026	R-6289	Passed		`
SIS	SI-1137B	ISI-0002-C-08	B-J	B9.40	PT	N-PT-9	20001026	R-6290	Passed		
SIS	SI-1137C	ISI-0002-C-08	B-J	B9.40	PT	N-PT-9	20001026	R-6291	Passed		
SIS	SI-1137D	ISI-0002-C-08	B-J	B9.40	PT	N-PT-9	20001026	R-6292	Passed		
SIS	SI-1829A	ISI-0002-C-09	B-J	B9.40	PT	N-PT-9	20001026	R-6285	Passed		
SIS	SI-1829B	ISI-0002-C-09	B-J	B9.40	РŤ	N-PT-9	20001026	R-6286	Passed		
SIS	SI-1829C	ISI-0002-C-09	B-J	B9.40	РТ	N-PT-9	20001026	R-6287	Passed		
SIS	SI-1829D	ISI-0002-C-09	B-J	B9.40	PT	N-PT-9	20001026	R-6288	Passed		
StS	SI-1886A	ISI-0002-C-10	B-J	B9.40	PT	N-PT-9	20001031	R-6335	Passed		·
SIS	SI-1886B	ISI-0002-C-10	B-J	B9.40	PT	N-PT-9	20001031	R-6336	Passed		
SIS	SI-1886C	ISI-0002-C-10	B-J	B9.40	PT	N-PT-9	20001031	R-6337	Passed		
SIS	SI-1886D	ISI-0002-C-10	B-J	B9.40	PT	N-PT-9	20001031	R-6338	Passed		
SIS	SI-1910A	ISI-0002-C-11	B-J	B9.40	PT	N-PT-9	20001026	R-6281	Passed		
SIS	SI-1910B	ISI-0002-C-11	B-J	B9.40	PT	N-PT-9	20001026	R-6282	Passed		
SIS	SI-1910C	ISI-0002-C-11	B-J	B9.40	PT	N-PT-9	20001026	R-6283	Passed		
SIS	SI-1910D	ISI-0002-C-11	B-J	B9.40	PT	N-PT-9	20001026	R-6284	Passed		
SIS	SI-1949E	ISI-0002-C-12	B-J	B9.40	PT	N-PT-9	20001026	R-6293	Passed		
SIS	SI-1949F	ISI-0002-C-12	B-J	B9.40	PT	N-PT-9	20001026	R-6294	Passed		
SIS	SI-1949G	ISI-0002-C-12	B-J	B9.40	PT	N-PT-9	20001026	R-6295	Passed		
SIS	SI-1949H	ISI-0002-C-12	B-J	B9.40	PT	N-PT-9	20001026	R-6296	Passed		
SIS	SI-1980A	ISI-0002-C-12	B-J	B9.40	РТ	N-PT-9	20001031	R-6349	Passed		
SIS	SI-1989A	ISI-0002-C-12	B-J	B9.40	ΡΤ	N-PT-9	20001026	R-6298	Passed		
SIS	SI-1989B	ISI-0002-C-12	B-J	B9.40	PT	N-PT-9	20001026	R-6299	Passed		
SIS	SI-1989C	ISI-0002-C-12	B-J	B9.40	PT	N-PT-9	20001026	R-6300	Passed		
SIS	SI-1989D	ISI-0002-C-12	B-J	B9.40	РТ	N-PT-9	20001026	R-6301	Passed		
SIŞ	SI-2054A	ISI-0002-C-05	B-J	B9.40	PT	N-PT-9	20001031	R-6331	Passed		

01/11/2001 NIS-1

Page 2

PLANT: SEQUOYAH NUCLEAR PLANT P.O. BOX 2000

; 1

SODDY DAISY, TENNESSEE 37379

CERTIFICATION OF AUTHORIZATION: NOT REQUIRED

EXAM REQUIREMENT P08-02 UNIT: 2 CYCLE: 10 COMMERCIAL SERVICE DATE: JUNE 1, 1982

NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

System	Component Number	ISO Drawing	Category	ltem Number	Exam Scheduled	NDE Procedure	Calibration Standard	Exam Date	Exam Report	Exam Results	NOI Numbər	Comments
SIS	SI-2054B	ISI-0002-C-05	B-J	B9.40	PŢ	N-PT-9		20001031	R-6332	Passed		ала 2012 г. н. на разлицион ставлени стародски полотоко на составлени со составлени составлени составлени сост Па на 2012 г. н.
SIS	SI-2054C	ISI-0002-C-05	B-J	B9.40	PT	N-PT-9		20001031	R-6333	Passed		
SIS	SI-2054D	ISI-0002-C-05	B-J	B9.40	PT	N-PT-9		20001031	R-6334	Passed		
SIS	SI-2093A	ISI-0002-C-06	B-J	B9.40	PT	N-PT-9		20001031	R-6327	Passed		
SIS	SI-2093B	ISI-0002-C-06	B-J	B9.40	ΡT	N-PT-9		20001031	R-6328	Passed		
IS	SI-2093C	ISI-0002-C-06	B-J	B9.40	PT	N-PT-9		20001031	R-6329	Passed		
IS	SI-2093D	ISI-0002-C-06	B-J	B9.40	PT	N-PT-9		20001031	R-6330	Passed		
ilS	SI-2255A	ISI-0002-C-06	B-J	B9.40	PT	N-PT-9		20001031	R-6323	Passed		
IS	SI-2255B	IS1-0002-C-06	B-J	B9.40	PT	N-PT-9		20001031	R-6324	Passed		
ilS	SI-2255C	ISI-0002-C-06	B-J	B9.40	PT	N-PT-9		20001031	R-6325	Passed		
IS	SI-2255D	ISI-0002-C-06	B-J	B9.40	PT	N-PT-9		20001031	R-6326	Passed		
IS	SI-2270A	ISI-0002-C-04	B-J	B9.40	PT	N-PT-9		20001031	R-6339	Passed		
IS	SI-2270B	ISI-0002-C-04	B-J	B9.40	PT	N-PT-9		20001031	R-6340	Passed		
IS	SI-2271	ISI-0002-C-04	B-J	B9.40	PT	N-PT-9		20001031	R-6341	Passed		
CS	68-563	ISI-0013-C-03	B-M-2	B12.50	VT-3	N-VT-1		19991124	R-6154	Passed		EXAMINED ON 7/21/98, WORK ORDER REVIEWED ON 11/24/99
CS	68-564	ISI-0013-C-03	B-M-2	B12.50	VT-3	N-VT-1		20001030	R-6345	Failed		THIS VALVE EXAMINED ON 7/18/98. INSTALLE DURING U2C10 ON 10/30/00. SEE RE-EXAM R 6347
RCS	68-564	ISI-0013-C-03	B-M-2	B12.50	VT-3	N-VT-1		19991026	R-6347	Passed		0041
IS	63-559	ISI-0002-C-07	B-M-2	B12.50	VT-3	N-VT-1		20001029	R-6260	Passed		SERIAL NO. 962080
VCS	CVC-3048C	ISI-0431-C-18	C-F-1	C5.21	PT	N-PT-9		20001010	R-6180	Passed		
VCS	CVC-3048C	ISI-0431-C-18	C-F-1	C5.21	UT	N-UT-64	SQ-06	20001011	R-6190	Passed		
vcs	CVC-3048D	ISI-0431-C-18	C-F-1	C5.21	PT	N-PT-9		20001010	R-6181	Passed		
VCS	CVC-3048D	ISI-0431-C-18	C-F-1	C5.21	UT	N-UT-64	SQ-13	20001011	R-6191	Passed		
VCS	CVC-3060E	ISI-0431-C-18	C-F-1	C5.21	PT	N-PT-9		20001010	R-6177	Passed		
VCS	CVC-3060E	ISI-0431-C-18	C-F-1	C5.21	UT	N-UT-64	SQ-06	20001011	R-6192	Passed		
vcs	CVC-3060F	ISI-0431-C-18	C-F-1	C5.21	PT	N-PT-9		20001010		Passed		
vcs	CVC-3060F	ISI-0431-C-18	C-F-1	C5.21	UT	N-UT-64	SQ-13	20001011		Passed		
vcs	CVC-3048A	ISI-0431-C-18	C-F-1	C5.30	PT	N-PT-9		20001031		Passed		
VCS	CVC-3048B	ISI-0431-C-18	C-F-1	C5.30	PT	N-PT-9		20001010		Passed		
vcs	CVC-3048G	ISI-0431-C-18	C-F-1	C5.30	ΡΤ	N-PT-9		20001010		Passed		
CVCS	CVC-3048H	ISI-0431-C-18	C-F-1	C5.30	РТ	N-PT-9		20001031		Passed		

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

i e

CERTIFICATION OF AUTHORIZATION: NOT REOUIRED

EXAM REQUIREMENT P08-02 UNIT: 2 CYCLE: 10 COMMERCIAL SERVICE DATE: JUNE 1, 1982

NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

System	Component Number	ISO Drawing	Category		Exam Scheduled	NDE Procedure	Calibration Standard	Exam Date	Exam Report	Exam Results	NOI Number	Comments
CVCS	CVC-3060C	ISI-0431-C-18	C-F-1	C5.30	PT	N-PT-9		20001102	R-6320	Passed	*****	Balaith a Balasia na van anna anna a
CVCS	CVC-3060D	ISI-0431-C-18	C-F-1	C5.30	PT	N-PT-9		20001023	R-6199	Passed		
CVCS	CVC-3060I	ISI-0431-C-18	C-F-1	C5.30	PT	N-PT-9		20001023	R-6198	Passed		
CVCS	CVC-3060J	ISI-0431-C-18	C-F-1	C5.30	PT	N-PT-9		20001102	R-6321	Passed		
CVCS	2-CVCH-364	MSG-0012-C-02	F-A	F1.10D	VT-3	N-VT-1		20001105	R-6350	Passed		
SIS	2-BIH-407	ISI-0449-C-16	F-A	F1.20A	VT-3	N-VT-1		19990802	R-6151	Passed		
RHRS	2-RHRH-454	MSG-0010-C-04	F-A	F1.20B	VT-3	N-VT-1		19990802	R-6150	Passed		
CSS	CSPH-A	ISI-0465-C-01	F-A	F1.40E3	VT-3	N-VT-1		20000814	R-6158	Passed		
CSS	CSPH-B	ISI-0465-C-01	F-A	F1.40E3	VT-3	N-VT-1		20000815	R-6159	Passed		
cvcs	CCPH-2A-A	ISI-0467-C-01	F-A	F1.40E3	VT-3	N-VT-1		20000814	R-6157	Passed		
cvcs	CCPH-2B-B	ISI-0467-C-01	F-A	F1.40E3	VT-3	N-VT-1		20000815	R-6160	Passed		

•

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

UNIT : TWO

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

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

SECTION 3

SUMMARY OF NOTIFICATION **OF INDICATIONS**

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

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

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

SUMMARY OF NOTIFICATIONS

The Unit 2 Cycle 10 Inservice Inspection of Class 1 and 2 components at Sequoyah Nuclear Plant included a total of two Notification of Indications (NOIs). The following is a listing of the NOIs and a brief summary of the corrective measures taken for each.

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

UNIT : TWO COMMERCIAL SERVICE DATE : JUNE 1, 1982

NATIONAL BOARD NUMBER FOR UNIT : NOT REQUIRED

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

SUMMARY : NOTIFICATION OF INDICATIONS

NOI	COMPONENT	DISCREPANCY	WORK	RE-EXAMINATION								
NUMBER	IDENTIFIER		INSTRUCTION									
2-SQ-342	2-SIH-466	spring setting and loose bolting (VT-3)	WR# C214032	No re-examination required								
DISPOSITION: Acceptance by evaluation per Code Case N-491 paragraph -3122.3.												
2-SQ-345	2-RCH-922	spring setting (VT-3)	N/A	No re-examination required								
DISPOSITION: Successive examination, acceptance by evaluation per Code Case N-491 paragraph - 3122.3.												

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

- -----

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

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

SECTION 4 ADDITIONAL SAMPLES

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

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

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

ADDITIONAL SAMPLE SUMMARY

There were no additional samples required for Unit 2 Cycle 10.

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

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

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

SECTION 5

SUCCESSIVE EXAMINATIONS

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

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

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

SUCCESSIVE EXAMINATIONS

COMPONENT	EXAM	CODE	PROGRAM	RESULTS
	METHOD	CATEGORY	0-SI-DXI-000-114.2	
		AND	REFERENCE	
		ITEM	SECTION	
		NUMBER		
2-CVCH-004	VT-3	F-A/F1.10B		Acceptable
Note: This is the addition	al preservice	examination re	quired per Code C	ase N-491
paragraph -2220(b)			Y	.
2-CVCH-013	VT-3	F-A/F1.10A	7.4.2.D	Acceptable
Note: This is the addition	al preservice	examination re	quired per Code C	ase N-491
paragraph -2220(b)			••••••••••••••••••••••••••••••••••••••	•·····
2-CVCH-016	VT-3	F-A/F1.10B		Acceptable
Note: This is the addition	al preservice	examination re	quired per Code C	ase N-491
paragraph -2220(b)			······	·····
2-CVCH-020	VT-3	F-A/F1.10D	7.4.2.D	Acceptable
Note: This is the addition	al preservice	examination re	quired per Code C	ase N-491
paragraph -2220(b)		m		·
2-CVCH-035	VT-3	F-A/F1.10B	7.4.2.D	Acceptable
Note: This is the addition	al preservice	examination re	quired per Code C	ase N-491
paragraph -2220(b)				
2-CVCH-072	VT-3	F-A/F1.10B		Acceptable
Note: This is the addition	al preservice	examination re	quired per Code C	ase N-491
paragraph -2220(b)				
2-CVCH-075	VT-3	F-A/F1.10A		Acceptable
Note: This is the addition	al preservice	examination re	quired per Code C	ase N-491
paragraph -2220(b)				
2-CVCH-076	VT-3	F-A/F1.10B		Acceptable
Note: This is the addition	al preservice	examination re	quired per Code Ca	ase N-491
paragraph -2220(b)	. <u></u>			
2-CVCH-128	VT-3	F-A/F1.10B	7.4.2.D	Acceptable
Note: This is the addition	al preservice	examination re	quired per Code Ca	ase N-491
paragraph -2220(b)				

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

UNIT : TWO

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

SUCCESSIVE EXAMINATIONS

(continued)

COMPONENT	EXAM	CODE	PROGRAM	RESULTS
	METHOD	CATEGORY	0-SI-DXI-000-114.2	
	:	AND	REFERENCE	
		ITEM	SECTION	
		NUMBER		
2-CVCH-130	VT-3	F-A/F1.10B	7.4.2.D	Acceptable
Note: This is the addition	al preservice	examination re	quired per Code C	ase N-491
paragraph -2220(b)			·	
2-CVCH-349	VT-3	F-A/F1.10D	7.4.2.D	Acceptable
Note: This is the addition	al preservice	examination re	quired per Code C	ase N-491
paragraph -2220(b)	- -		·	
2-RCH-019	VT-3	F-A/F1.10A	7.4.2.D	Acceptable
Note: This is the addition	al preservice	examination re	quired per Code C	ase N-491
paragraph -2220(b)				
2-RCH-027	VT-3	F-A/F1.10B	7.4.2.D	Acceptable
Note: This is the addition	al preservice	examination re	quired per Code C	ase N-491
paragraph -2220(b)				
2-RCH-833		F-A/F1.10D		Acceptable
Note: This is the addition	al preservice	examination re	quired per Code C	ase N-491
paragraph -2220(b)				
2-RCH-922	VT-3	F-A/1.10C	· · _ · _ · _ · _ · _ · _ · · _ · · · · · · · · · · · · · · · · · · · ·	Acceptable
Note: This is the addition	al preservice	examination re	quired per Code C	ase N-491
paragraph -2220(b)				
2-RHRH-420	VT-3	F-A/F1.20C	7.4.2.D	Acceptable
Note: This is the addition	al preservice	examination re-	quired per Code C	ase N-491
paragraph -2220(b)			·	
2-RHRH-425	VT-3	F-A/F1.20D		Acceptable
Note: This is the addition	al preservice	examination re-	quired per Code C	ase N-491
paragraph -2220(b)		· · · · · · · · · · · · · · · · · · ·		
2-SIH-029	VT-3	F-A/F1.20A		Acceptable
Note: This is the addition	al preservice	examination re-	quired per Code Ca	ase N-491
paragraph -2220(b)				

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

UNIT : TWO

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

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

SUCCESSIVE EXAMINATIONS

(continued)

COMPONENT	EXAM	CODE	PROGRAM	RESULTS
	METHOD	CATEGORY	0-SI-DXI-000-114.2	
		AND	REFERENCE	
		ITEM	SECTION	
		NUMBER		
2-SIH-031	VT-3	F-A/F1.10C	7.4.2.D	Acceptable
Note: This is the addition paragraph -2220(b)	al preservice	examination re	quired per Code C	ase N-491
2-SIH-038	VT-3	F-A/F1.10A	7.4.2.D	Acceptable
Note: This is the addition	al preservice	examination re	quired per Code C	ase N-491
paragraph -2220(b)				
2-SIH-045	VT-3	F-A/F1.20B	7.4.2.D	Acceptable
Note: This is the addition	al preservice	examination re	quired per Code C	ase N-491
paragraph -2220(b)				······
2-SIH-079	VT-3	F-A/F1.10B	7.4.2.D	Acceptable
Note: This is the addition	al preservice	examination re	quired per Code C	ase N-491
paragraph -2220(b)				1
2-SIH-450	VT-3	F-A/F1.20D		Acceptable
Note: This is the addition	al preservice	examination re	quired per Code C	ase N-491
paragraph -2220(b)	·		r	T
2-SIH-455	VT-3	F-A/F1.20B	7.4.2.D	Acceptable
Note: This is the addition	al preservice	examination re	quired per Code C	ase N-491
paragraph -2220(b)				r
47B465-01-004	VT-3	F-A/F1.10D		Acceptable
Note: This is the addition	al preservice	examination re	quired per Code C	ase N-491
paragraph -2220(b)				r
47B406-14-03	VT-3	F-A/F1.10A	L	Acceptable
Note: This is the addition	al preservice	examination re	quired per Code C	ase N-491
paragraph -2220(b)			·····	r
47B435-14-004	VT-3	F-A/F1.20B		Acceptable
Note: This is the addition	al preservice	examination re	quired per Code C	ase N-491
paragraph -2220(b)				

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

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

; .

CERTIFICATION OF AUTHORIZATION: NOT REQUIRED

EXAM REQUIREMENT S02-02 UNIT: 2 CYCLE: 10 COMMERCIAL SERVICE DATE: JUNE 1, 1982

NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

System	Component Number	ISO Drawing	Category	ltern Number	Exam Scheduled	NDE Procedure	Calibration Standard	Exam Date	Exam Report	Exam Results	NOI Number	Comments
CVCS	2-CVCH-013	MSG-0015-C-01	F-A	F1.10A	VT-3	N-VT-1		20001024	R-6209	Passed	****	антан такин алаан ал
CVCS	2-CVCH-075	MSG-0015-C-03	F-A	F1.10A	VT-3	N-VT-1		20001024	R-6213	Passed		
CVCS	2-RCH-19	MSG-0012-C-02	F-A	F1.10A	VT-3	N-VT-1		20001023	R-6204	Passed		
CVCS	47B406-14-03	MSG-0015-C-02	F-A	F1.10A	VT-3	N-VT-1		20001101	R-6274	Passed		
SIS	2-SIH-038	MSG-0009-C-05	F-A	F1.10A	√Т-3	N-VT-1		20001027	R-6225	Passed		
CVCS	2-CVCH-004	MSG-0015-C-01	F-A	F1.10B	VT-3	N-VT-1		20001024	R-6208	Passed		
CVCS	2-CVCH-016	MSG-0015-C-01	F-A	F1.10B	VT-3	N-VT-1		20001027	R-6224	Passed		Two supports
CVCS	2-CVCH-035	MSG-0015-C-02	F-A	F1.10B	VT-3	N-VT-1		20001024	R-6211	Passed		
CVCS	2-CVCH-072	MSG-0015-C-03	F-A	F1.10B	VT-3	N-VT-1		20001024	R-6212	Passed		
CVCS	2-CVCH-076	MSG-0015-C-03	F-A	F1.10B	VT-3	N-VT-1		20001024	R-6214	Passed		
cvcs	2-CVCH-128	MSG-0015-C-03	F-A	F1.10B	VT-3	N-VT-1		20001024	R-6215	Passed		
CVCS	2-CVCH-130	MSG-0015-C-03	F-A	F1.10B	VT-3	N-VT-1		20001024	R-6216	Passed		
RCS	2-RCH-027	MSG-0013-C-03	F-A	F1.10B	VT-3	N-VT-1		20001023	R-6202	Passed		Prior to shielding
SIS	2-SIH-079	MSG-0009-C-05	F-A	F1.10B	VT-3	N-VT-1		20001027	R-6226	Passed		
RCS	2-RCH-922	MSG-0013-C-02	F-A	F1.10C	VT-3	N-VT-1		20001023	R-6200	Engineering 2	2-SQ-345	Setting:3/16"-9/16" 149#-163#; Prior to shielding
SIS	2-SIH-031	MSG-0009-C-03	F-A	F1.10C	VT-3	N-VT-1		20001027	R-6228	Passed		- Setting: 1 7/16"-1 15/16" 173#-191#
CVCS	2-CVCH-020	MSG-0015-C-01	F-A	F1.10D	VT-3	N-VT-1		20001024	R-6210	Passed		
CVCS	2-CVCH-349	MSG-0012-C-02	F-A	F1.10D	VT-3	N-VT-1		20001025	R-6217	Passed		
RCS	2-RCH-833	MSG-0013-C-01	F-A	F1.10D	VT-3	N-VT-1		20001023	R-6203	Passed		Prior to shielding
RCS	47B465-01-004	MSG-0013-C-03	F-A	F1.10D	VT-3	N-VT-1		20001023	R-6201	Passed		Prior to shielding
SIS	2-SIH-029	ISI-0449-C-01	F-A	F1.20A	VT-3	N-VT-1		20001028	R-6242	Passed		
SIS	2-SIH-045	MSG-0009-C-05	F-A	F1.20B	VT-3	N-VT-1		20001027	R-6227	Passed		
SIS	2-SIH-455	MSG-0009-C-04	F-A	F1.20B	VT-3	N-VT-1		20001011	R-6187	Passed		
SIS	47B435-14-004	ISI-0449-C-09	F-A	F1.20B	VT-3	N-VT-1		20001027	R-6229	Passed		
RHRS	2-RHRH-420	MSG-0010-C-02	F-A	F1.20C	VT-3	N-VT-1		20001010	R-6184	Passed		Setting: 5/8"-15/16" 1712#-1892#
RHRS	2-RHRH-425	MSG-0010-C-04	F-A	F1.20D	VT-3	N-VT-1		20001011	R-6185	Passed		
SIS	2-SIH-450	MSG-0009-C-06	F-A	F1.20D	VT-3	N-VT-1		20001012	R-6189	Passed		

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

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

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

- --

SECTION 6

AUGMENTED EXAMINATIONS

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

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

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

Augmented Examinations

There were no augmented examinations performed during Unit 2 Cycle 10 as a part of the Inservice Inspection Program, 0-SI-DXI-000-114.2, that required submittal to regulatory agencies.

13 OF 201

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

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

.

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

SECTION 7

ANALYTICAL EVALUATIONS

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

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

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

There were no acceptance by analytical evaluation assessments required during Unit 2 Cycle 10 reporting period.

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

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

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

SECTION 8

REQUEST FOR RELIEF

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

UNIT : TWO COMMERCIAL

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

During Unit 2 Cycle 10 there were six code class 1 and three code class 2 component that did not receive code required examination coverage due to design configuration, access limitations, etc. Requests for relief will be submitted to the regulatory authority in accordance with 10 CFR 50.55a. Request for relief number 2-ISI-2 for W08-09B has been approved by the regulatory authorities in accordance with 10 CFR 50.55a. The percentage of examination coverage was derived from methods established in the TVA NDE Procedures Manual. The following is a component summary.

REQUEST FOR RELIEF SUMMARY ASME SECTION XI UNIT 2 CYCLE 10 CODE CLASS 1 AND 2

				EVALUATION.	DEDOENT			
COMPONENT	CODE	CODE	CODE	EXAMINATION	PERCENT			
8	CLASS	CATEGORY	ITEM	METHOD	COVERAGE			
			NUMBER					
W08-09B	1	B-A	B1.40	UT .	66.6%			
Examination report R-6343. Examination is limited due to the configuration of the								
closure head to f	lange we	eld. Refer to a	pproved req	uest for relief 2-IS	51-2.			
RCW-16	1	B-D	B3.110	UT	68.8%			
Examination repo	ort R-63	15. Examinatio	on is limited	due to the configu	iration of nozzle			
to pressurizer he	ad geon	netry.		······································				
RCW-17	1	B-D	B3.110	UT	68.8%			
Examination repo	ort R-63 ⁻	16. Examinatio	on is limited	due to the configu	ration of nozzle			
to pressurizer he	ad geon	netry.		······				
SGW-D-1	2	C-A	C1.10	UT	25.7%			
Examination repo	ort R-634	12. Examinatio	on is limited	due to a permane	nt steam			
generator lateral	compon	ent support.						
RHRW-15-A	2	C-B	C2.21	UT	39%			
Examination repo	ort R-619	96. Examinatio	n is limited	due to the configu	ration of nozzle			
to shell geometry	<i>'</i> .							
BIT-5	2	C-B	C2.21	UT	67%			
Examination repo	ort R-618	38. Examinatio	n is limited	due to the configu	ration of nozzle			
to head geometry	1.							

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

UNIT : TWO

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

REQUEST FOR RELIEF SUMMARY ASME SECTION XI UNIT 2 CYCLE 10 CODE CLASS 1 AND 2 (continued)								
COMPONENT CODE CLASS CATEGORY ITEM NUMBER NUMBER CATEGORY ITEM NUMBER NUMBER NUMBER NUMBER NUMBER NOT USING PDI TECHNIQUE See note 1								
SIF-198	1	B-J	B9.11	UT	95%	50%		
Examination elbow to no:		-6319. Prese	ervice exar	nination is limite	ed due to confi	guration of		
SIF-198B	1	B-J	B9.11	UT	100%	50%		
Examination report R-6247. Preservice examination is limited due to configuration of elbow to valve.								
SIF-198C	1	B-J	B9.11	UT	100%	50%		
Examination valve to pipe	•	-6248. Prese	rvice exan	nination is limite	ed due to confi	guration of		

NOTE: 1 As required in 10 CFR 50.55a published on September 22, 1999 and commencing May 22, 2000, TVA performance of ultrasonic examinations shall be in accordance with the requirements shown in ASME Section XI, Appendix VIII of the 1995 Edition with addenda through the 1996 Addenda (95A96) as amended by the final rule and as required in paragraphs 10 CFR 50.55a(b)(2)(xiv, xv, and xvi) and in 10 CFR 50.55a(g)(6)(ii)(C). TVA complies with these requirements through the use of the Performance Demonstration Initiative (PDI) program document, "PDI Program Description," Revision 1, Change 1, as allowed in the discussion on the proposed rule change in the Federal Register, Volume, 64, No. 183, (see Section 2.7) published on September 22, 1999.

· ^ _ _ _ _

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

UNIT : TWO

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

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

APPENDIX A

SUMMARY OF ASME SECTION XI STEAM GENERATOR TUBING EXAMINATIONS

The inspection plan work required for the second outage of the second period of the second interval for Code Category B-Q, item number B16.20 is on schedule. The following table is a tabulation of examinations, results of examinations and corrective measures taken.

PREPARED BY ______ Autom & awid famue

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

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

ì

SUMMARY OF SEQUOYAH UNIT 2 CYCLE 10 SG EDDY CURRENT INSPECTION/TUBE PLUGGING RESULTS

U-Bend Plus Point282Top of Tubesheet Plus Point3349Freespan Plus Point6H01 Plus Point14H02 Plus Point2H03 Plus Point4H04 Plus Point1H05 Plus Point2H06 Plus Point4H07 Plus Point35Diagnostice Plus Point12Total Exams Completed7060	281 332 261 27 281 332	8 293	13313 1114
Top of Tubesheet Plus Point334933Freespan Plus Point6H01 Plus Point14H02 Plus Point2H03 Plus Point4H04 Plus Point1H05 Plus Point2H06 Plus Point4H07 Plus Point35Diagnostice Plus Point12Total Exams Completed7060	281 332		1114
Top of Tubesheet Plus Point334933Freespan Plus Point6H01 Plus Point14H02 Plus Point2H03 Plus Point4H04 Plus Point1H05 Plus Point2H06 Plus Point4H07 Plus Point35Diagnostice Plus Point12Total Exams Completed7060		0 2363	111-
Freespan Plus Point6H01 Plus Point14H02 Plus Point2H03 Plus Point4H04 Plus Point1H05 Plus Point2H06 Plus Point4H07 Plus Point35Diagnostice Plus Point12Total Exams Completed7060		.0 3303	13313
H01 Plus Point14H02 Plus Point2H03 Plus Point4H04 Plus Point1H05 Plus Point2H06 Plus Point4H07 Plus Point35Diagnostice Plus Point12Total Exams Completed7060	7	6 3	22
H02 Plus Point2H03 Plus Point4H04 Plus Point1H05 Plus Point2H06 Plus Point4H07 Plus Point35Diagnostice Plus Point12Total Exams Completed7060	21 3	3 2	70
Hot Plus Point1H04 Plus Point1H05 Plus Point2H06 Plus Point4H07 Plus Point35Diagnostice Plus Point12Total Exams Completed7060	2	2 0	6
H04 Plus Point1H05 Plus Point2H06 Plus Point4H07 Plus Point35Diagnostice Plus Point12Total Exams Completed7060	10	2 1	• 17
H05 Plus Point2H06 Plus Point4H07 Plus Point35Diagnostice Plus Point12Total Exams Completed7060	1	1 2	5
H06 Plus Point4H07 Plus Point35Diagnostice Plus Point12Total Exams Completed7060	0	0 0	2
Hot Filds Found35H07 Plus Point12Diagnostice Plus Point12Total Exams Completed70606	0	1 0	5
Diagnostice Plus Point12Total Exams Completed70606	1 1	4 1	51
		4 39	122
Total Tubes Examined 3349 3	902 701	1 7067	28040
Total Tubes Examined	281 332	20 3363	13313
INDICATIONS (Tubes) SG 1 S	<u>G 2 SG</u>	<u>3 SG 4</u>	<u>Total</u>
AVB WEAR 7	23 1	4 8	52
CL WASTAGE 15		20 23	95
ODSCC HTS AXIAL 1	-	1 12	14
ODSCC HTS CIRC 2	3	1 2	8
	106 12		784
ODSCC TSP CIRC 0 ODSCC ERFESPAN 0		0 0 0 0	0 0
		3 1	10
PWSCC HTS AXIAL 0 PWSCC HTS CIRC 1	1	3 0	5
PWSCC TSP AXIAL	1	1 0	2
PWSCC TSP CIRC 0		0 0	0
PWSCC U-BEND AXIAL	0	2 6	8
PWSCC U-BEND CIRC 0	2	0 1	3
VOLUMETRIC INDICATIONS 1	0	0 1	2
Total 119			

۰.

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

UNIT : TWO COMMERCIAL SERVICE DATE : JUNE 1, 1982

......

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

2 į

-

NATIONAL BOARD NUMBER FOR UNIT : NOT REQUIRED

٠

SUMMARY OF SEQUOYAH UNIT 2 CYCLE 10 SG EDDY CURRENT INSPECTION/TUBE PLUGGING RESULTS

PLUGGING STATUS		<u>SG 1</u>	<u>SG 2</u>	<u>SG 3</u>	<u>SG 4</u>	Total
Previously Plugged Tubes		39	107	68	25	239
			,			
Damage Mechanism						
Damage Mechanism						
AVB WEAR		0	0	1	0	1
COLD LEG WASTAGE		1	0	0	1	2
ODSCC HTS AXIAL		1	0	1	12	14
ODSCC HTS CIRC		2	3	1	2	8
ODSCC TSP AXIAL	• • •	0	0	0	0	0
ODSCC TSP CIRC		0	0	0	0	0
PREVENTATIVE		2	3	2	2	9
PWSCC HTS AXIAL		0	6	3	1	10
PWSCC HTS CIRC		1	1	3	0	5
PWSCC TSP AXIAL	:	0	1	1	0	2
PWSCC TSP CIRC		0	0	0	0	0
PWSCC U-BEND AXIAL		0	0	2	. 6	8
PWSCC U-BEND CIRC		0	. 2	0	1	3
VOLUMETRIC INDICATION		1	0	0	1	2
Plugged Cycle 10		8	16	14	26	64
TOTAL TUBES PLUGGED		47	123	82	51	303
Classification of Inspection Results		SG1	SG2	SG3	SG4	
Full Length Bobbin Coil		C-2	C-2	C-2	C-3	
U-Bend Plus Point		C-1	C-3	C-3	C-3	
Top of Tubesheet Plus Point		C-2	C-2	C-2	C-2	
Dented TSP Plus Point		C-1	C-2		C-1	
Dented Freespan Plus Point		C-1	C-1	C-1	C-1	

Inspection	
Classification	
Category	Inspection Results
C-1	Less than 5% of the total tubes inspected are degraded tubes and none of the inspected
	tubes are defective
C-2	One or more tubes, but not more than 1% of the total tubes inspected are defective,
	or between 5 and 10% of the total tubes inspected are degraded tubes
C-3	More than 10% of the total tubes inspected are degraded tubes or more than 1% of the
	inspected tubes are defective

<1 nf 201

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

UNIT : TWO

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

Miscellaneous Nomenclature

Description Notation

- AVB Anti-Vibration Bar
- CL Cold Leg

CIRC Circumferential

1st Hot Support Plate H01

2nd Hot Support Plate H02

3rd Hot Support Plate H03

4th Hot Support Plate H04

H05 5th Hot Support Plate

- 6th Hot Support Plate H06
- 7th Hot Support Plate H07
- Top of Tubesheet Hot Leg HTS
- **ODSCC** Outer Diameter Stress Corrosion Cracking
- **PWSCC** Primary Water Stress Corrosion Cracking
- TSP **Tube Support Plate**

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

UNIT : TWO

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

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

APPENDIX B

FORM NIS-2 "OWNERS REPORT FOR REPAIRS OR REPLACEMENTS"

PREPARED B

Owner: Tennessee Valley Authority 1101 Market Street Chattanooga, Tennessee 37402-2801

Plant: Sequoyah Nuclear Plant P.O. Box 2000 Soddy-Daisy, Tennessee 37384-2000 Plant: Unit 2

Owner Certificate of Authorization: Not Required

Commercial Service Date: June 1, 1982

National Board Number for the Unit: Not Required

Sheet _____ of ____61

Appendix B

An index of the work documents which required reporting under the inclusion of the NIS-2 Report is as follows:

Work Order	Work Order	Work Order
WO 00-000467-000	WO 00-003508-012	WO 99-004422-001
WO 00-000595-000	WO 00-003514-002	WO 99-004422-002
WO 00-001321-000	WO 00-003526-000	WO 99-004422-005
WO 00-002907-000	WO 00-003527-000	WO 99-004422-006
WO 00-002909-000	WO 00-003528-000	WO 99-004479-000
WO 00-002942-000	WO 00-003529-000	WO 99-006768-000
WO 00-002944-000	WO 00-005064-000	WO 99-006768-001
WO 00-003096-000	WO 00-008869-000	WO 99-008455-000
WO 00-003178-000	WO 00-009453-000	WO 99-008456-000
WO 00-003182-000	WO 00-009919-000	WO 99-008457-000
WO 00-003508-001	WO 97-012225-000	WO 99-008458-000
WO 00-003508-002	WO 98-008002-000	WO 99-008973-000
WO 00-003508-003	WO 98-008313-002	WO 99-011708-000
WO 00-003508-004	WO 98-008313-004	WO 99-011709-000
WO 00-003508-005	WO 98-009451-000	WO 99-012099-000
WO 00-003508-006	WO 98-009451-002	WO 99-012111-000
WO 00-003508-007	WO 98-009451-003	WO 99-012112-000
WO 00-003508-008	WO 99-003654-000	WO 99-012113-000
WO 00-003508-009	WO 99-003729-001	
WO 00-003508-010	WO 99-003855-000	
WO 00-003508-011	WO 99-004116-000	

1. Owner Tennessee Valley Authority	Date 11/15/00
Name 1101 Market Street, Chattanooga, TN 37402-2801	Sheet 2 of 61
Address 2. Plant Sequoyah Nuclear Plant	Unit Z
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	W0#60-000467-000
Address 3. Work Performed by Sequoyah Nuclear Plant	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
Address	Expiration Date N/A
4. Identification of system FEEDWATER	CLOSS Z
5. (a) Applicable Construction Code <u>REMARKS</u> 19 (b) Applicable Edition of Section XI Utilized for Repair	
4. Identification of system FEEDWATER 5. (a) Applicable Construction Code REMARKS 19	CLASS Z <u>ABEdition</u> , <u>AB</u> Addenda, <u>AB</u> Code Case

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)
2-3-508	WALMORTH	nts-	NA	~kt	2000	REPLACED	ilo
					ļ		
				····			

7. Description of Work REPLACED BOUNET BOLTING.

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 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

[5 of 201

FORM NIS-2 (Back) CODE: DRAFT A SME CODE FER 9. Remarks CONSTRUCTION PUMPS ANIT VALVES

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this HEDACEMENT conforms to the repair or replacement
rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA
Type Code Symbol Stamp
Certificate of Authorization No. NA Expiration Date NA
Signed Methon, Mech ElGR Date 15 NOVEMBER 2000
CERTIFICATE OF INSERVICE INSPECTION
where the state of
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 Insp & Ins Co.</u>
of <u>Hartford</u> , <u>Connecticut</u> have inspected the components described in this
Owner's Report during the period 670 to 1350 to 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.
Commissions <u>TW343/</u> Inspector's Signature Commissions National Board, State, Province, and Endorsements
Date December 5, 2000

1. Owner Tennessee Valley Authority	Date 11/15/00
Name 1101 Market Street, Chattanooga, TN 37402-2801	Sheet 3 of 61
Address 2. Plant Sequoyah Nuclear Plant	Unit Z
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	WO# 00-000595-000
Address 3. Work Performed by Sequoyah Nuclear Plant	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
Address	Expiration Date N/A
4. Identification of system	CLASS MC
5. (a) Applicable Construction Code $3 = 7$ 19	(-1, -1, -1, -1, -1, -1, -1, -1, -1, -1,
(b) Applicable Edition of Section XI Utilized for Repairs	s or Replacements 1989-1992E, 92A

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)
SCV PENETRATION X-1	CBLI	No	NO	n/a-	1976	Repurces	ilo
PENETIZATION							
X-1							
					<u>. </u>		
·····							

7. Description of Work REPLACED ONE BOLT IN THE MAIN EQUIPMENT HATCH.

8. Tests Conducted: Hydrostatic D Pneumatic Nominal Operating Pressure Other D Pressure _____ psi Test Temp _____ °F

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

E7 of 201

FORM NIS-2 (Back)

9. Remarks NA
Applicable Manufacturer's Data Reports to be Attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this Reparement conforms to the
repair or replacement
rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA
Certificate of Authorization No. <u>NA</u> Expiration Date <u>NA</u>
Signed ZARTAN, MECHENGIZ Date 15 NOVENBEZ 2000
Ownef or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION -
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u>
of <u>Hartford</u> , <u>Connecticut</u> have inspected the components described in this
Owner's Report during the period $10/30/00$ to $12/4/00$ 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.
Commissions TU3431
Inspector's Signature National Board, State, Province, and Endorsements
Date December 4, 2000
Care Conclusion of the second

58 OF 201

1. Owner Tenness	see Valley Author	ity	Date	11/28	100		
1101 Market Stre	_{Name} eet, Chattanooga,	TN 37402-280	1 Shee	et 4 of	61		
2. Plant Sequoya	Address ah Nuclear Plant		Unit	2			
P. O. Box 2000,	_{Name} Soddy-Daisy, TN,	37384-2000	 ~	10#00-00	21321-	-200	
3. Work Performed I	Address 3. Work Performed by Sequoyah Nuclear Plant					No Job No etc	
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000 Authorization No N/A					<u></u>		
	Address	<u> </u>					
A literation of a			Expir	ration Date N	A		
4. Identification of sy	Istem AFE	MY IN EGT	IDal , CLA.	551		·······	_ <u></u>
 4. Identification of sy 5. (a) Applicable Con (b) Applicable Edi 6. Identification of C 	tion of Section XI	Utilized for Re	pairs or Repla	cements	ddenda, 1989 ents	N-416	le Case S C /
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)
2-63-559	WESTING- HOUSE	4750084	W22977	NA	1980	REPLACE	YES
	VELAN	962080	NA	No	2000	REPLACE	Yes
SAFETY INJECTION	TVA	NA	MA	~6	2000	REPLACED	No
PIPING							
·							
7. Description of Wo	rk REPLACE	D CHEC	KVALVE	AND A	ssa	IATEI)	
	2,~16.	<u> </u>					
8. Tests Conducted:	Hydrostatic D P	neumatic 🗆 N	Iominal Opera	ting Pressure [9		

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

Other D Pressure _____ psi Test Temp _____ °F

59 of 201

FORM NIS-2 (Back)	
9. Remarks CONSTRUCTION CODE:	
VALVE - ASME SECTION III, 1986 EDITION	
PIPING - ANSI B31.7, 1969 EDITION, 1970 ADDENDA.	
Tiphed The Deal Comment	

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this Replacement conforms to the repair or replacement
Type Code Symbol Stamp <u>NA</u>
Signed FULLER, MECHENGR Date 23 NOVEMBER 2000
Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u> of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>10/19/co</u> to <u>12/6/co</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.

TIJ343/ National Board, State, Province, and Endorsements Commissions Inspector's Signature Reember G. 2000 Date

1. Owner Tennessee Valley Authority	Date 9/7/00
Name 1101 Market Street, Chattanooga, TN 37402-2801	Sheet 5 of 61
Address 2. Plant Sequoyah Nuclear Plant	Unit ()
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	WO# 00-002907-000
Address 3. Work Performed by Sequoyah Nuclear Plant	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
Address	Expiration Date N/A
4. Identification of system RCS, CLASS	
5. (a) Applicable Construction Code Sect III 1	19 80 Edition, UBO Addenda, A Code Case
(b) Applicable Edition of Section XI Utilized for Repa	airs or Replacements 1989

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)
SPARE	TARGET ROCK	9	NA	NA	1985	REPAIRED	Yes
SPARE PRESSURIZER PORV							-
-							

7. Description of Work REINSTALLED BODY-TO-BONNET SEAL WELD FOLLOWING MAINTENANCE.

- 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 81/2 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.

61 OF ZO1

FORM NIS-2 (Back)

9. Remarks NA

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this $\frac{Rep_{AUP}}{repair or replacement}$ conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA
Certificate of Authorization No. NA Expiration Date NA
Signed DUTEN, MECHENGR Date 7. September 2000
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u>
of <u>Hartford</u> , <u>Connecticut</u> have inspected the components described in this
Owner's Report during the period $5/3/06$ to $9/3/00$ 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.
Commissions TN 3431
Inspector's Signature National Board, State, Province, and Endorsements
Date September 2000

.

.

		
1. Owner	Tennessee Valley Authority	Date 9/1/00
1101 M	Name arket Street, Chattanooga, TN 37402-2801	Sheet 6 of 61
2. Plant	Address Sequoyah Nuclear Plant	Unit O
P. O. B	Name ox 2000, Soddy-Daisy, TN, 37384-2000	W0#00-002909-000
3. Work Pe	Address erformed by Sequoyah Nuclear Plant	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A
P. O. B	Name Nox 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
<u></u>	Address	Expiration Date N/A
4. Identifica	ation of system <u>PCS</u> , CLASS 1	
5. (a) Appli	icable Construction Code <u>SECT III</u> 19 8	DEdition, WBO Addenda, MA Code Case
(b) Appli	icable Edition of Section XI Utilized for Repairs o	r Replacements 1989

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)
SPARE PRESSURER PORV	TANGET ROCK	7	NA	NA	1983	REPAIRED	No
PORV							
-							
			1				

7. Description of Work <u>REINSTALLED</u> BODY-TU-BONNET SEAL WELD FOLLOWING MAINTENANCE.

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

FORM NIS-2 (Back)

Applicable Manufacturer's Data Reports to be Attached

9. Remarks

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this REPAID conforms to the repair or replacement
rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA
Certificate of Authorization No. NA Expiration Date NA
Signed All March ENGR Date 7 September 2000 Owker or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u>
of <u>Hartford</u> , <u>Connecticut</u> have inspected the components described in this
Owner's Report during the period $5/2/00$ to $9/8/00$ 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.
Commissions TN 343/
Inspector's Signature National Board, State, Province, and Endorsements
Date <u>September B</u> , 2000

64 OF 201

1. Owner Tennessee Valley Authority	Date 11/7/00
Name 1101 Market Street, Chattanooga, TN 37402-2801	Sheet 7 of 61
Address 2. Plant Sequoyah Nuclear Plant	Unit 2
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	W0#00-002942-000
Address 3. Work Performed by Sequoyah Nuclear Plant	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
Address	Expiration Date N/A
4. Identification of system <u><u><u>RCS</u></u>, <u>CLASS</u></u>	1
Arran	9 & Edition, WBD Addenda, NA Code Case
(b) Applicable Edition of Section XI Utilized for Repa	

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)
2-02-68-334	TARGET ROCK	10	NA	rla	1985	REPLACED	YES
		7	als	NO	1983	REPLACED REPLACE MENT	Yes
· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·					
· · · · · · · · · · · · · · · · · · ·				<u></u>			

7. Description of Work REPLACED VALVE

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 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)

9. Remarks NA
Applicable Manufacturer's Data Reports to be Attached
· · · · · · · · · · · · · · · · · · ·
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>RepLACEMENT</u> conforms to the repair or replacement rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA
Certificate of Authorization No. <u>NA</u> Expiration Date <u>NA</u> Signed DUD MECH GLGR Date <u>7 November</u> 2000
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u> of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>$10/23/boo$</u> to <u>$11/29/boo$ 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.</u>
Mochooc/ Commissions TN 3431 Inspector's Signature National Board, State, Province, and Endorsements
Date November 29, 2000

The second stary of a Tage		
1. Owner	Tennessee Valley Authority	Date 11/2/00
1101 M	Name arket Street, Chattanooga, TN 37402-2801	Sheet 8 of 61
2. Plant	Address Sequoyah Nuclear Plant	Unit Z
P. O. B	Name ox 2000, Soddy-Daisy, TN, 37384-2000	W0# 00.002944-000
3. Work Pe	Address rformed by Sequoyah Nuclear Plant	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A
P. O. B	Name Name Nox 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
	Address	Expiration Date N/A
4. Identifica	ation of system <u>PCS</u> , CLASS	
5. (a) Appli	cable Construction Code SECTIL 19	BoEdition, Kloo Addenda, No Code Case
(b) Appli	cable Edition of Section XI Utilized for Repairs	s or Replacements 1989

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)
2-PON-68-340A	TARGET	2	MA	Na	1983	REPLACED	YES
		9	NA	No	1985	REPLACED DEPLACE MENT	YES
		х. 					
-							
			ı.				
L			1	L		L	L

KEPLACED VALVE 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 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

67 of 201

FORM NIS-2 (Back)

·

~

9. Remarks NA
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>Replacement</u> conforms to the
repair or replacement
rules of the ASME Code, Section XI.
Turse Code Symbol Stamp NA
Type Code Symbol Stamp NA
Certificate of Authorization No. NA Expiration Date NA
Signed LULLEN, MECH ENGR Date 7 NOVEMBER 2000
Owner or Øwner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u>
of <u>Hartford</u> , <u>Connecticut</u> have inspected the components described in this
Owner's Report during the period $\frac{102300}{102300}$ to $\frac{112900}{112900}$ 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.
M/2/2 // T//2//2/
Inspector's Signature Commissions 774 3431 National Board, State, Province, and Endorsements
Date <u>November 39</u> , 2000

				. /		······	
1. Owner Tenness	see Valley Author	ity	Date	11/16	100		
1101 Market Stre	Name et, Chattanooga,	TN 37402-280	1 Shee	et of of	61		
2. Plant Sequoya	Address ah Nuclear Plant		Unit	2			
P. O. Box 2000,	_{Name} Soddy-Daisy, TN,	37384-2000	W	o# 00-00	>309	6-000	>
3. Work Performed I	Address ov Sequovah Nuc	lear Plant	Type		ation P.O.	No., Job No., etc	
	Soddy-Daisy, TN	Name	, ···	orization No N	•		
P. O. B0x 2000,	Address	, 37304-2000	·•				······ <u>·</u> ··
	-			ration Date N			
 4. Identification of sy 5. (a) Applicable Con 	stem Court	AINMER	VT, CI	ASSMO	<u> </u>		
5. (a) Applicable Co	nstruction Code <	ASNE	19 / ca Editio	on, <u>468</u> A	ddenda.	177-5, 1413	1330 IS Case
(b) Applicable Edi	tion of Section XI	Utilized for Re	nairs or Repla	cements	1989-14	<u>[45]</u>	7 E0
(b) Applicable Edi			pano or riopia		1/1	6/00 199	2 ED 2 AO D
6. Identification of C	omponents Repai	ired or Replace	d and Replace	ement Compon	ents		
						Repaired.	ASME Code
Name of	Name of *	Manufacturer	National Board	Other	Year	Replaced,	Stamped
Component	Manufacturer	Serial No.	No.	Identification	Built	or Replacement	(Yes or No)
CONTAINMENT	CB&I	No-	NA	Ne	1976	REPLACED	No
PENETRATION				- 			
X-98							
· · ·							
							· · · · · · · · · · · · · · · · · · ·
							<u></u>
		L			l		

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

Other D Pressure _____ psi Test Temp _____ °F

8. Tests Conducted: Hydrostatic 🗆 Pneumatic 🗆 Nominal Operating Pressure 🔄

69 of 201

FORM NIS-2 (Back)

9. Remarks	NA
•	Applicable Manufacturer's Data Reports to be Attached
	CERTIFICATE OF COMPLIANCE
We certify that	the statements made in the report are correct and this Represent conforms to the
	repair or replacement
rules of the AS	SME Code, Section XI.
Type Code Syr	mbol Stamp NA
Certificate of A	Authorization No. NA Expiration Date NA
D. PI	ATEM MECHENGE Date 16 NOVEMBER 2000
Signed L	Øwner or Dwner's Designee, Title Date
L	

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u> of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>11/4/200</u> to <u>11/30/200</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.

Commissions 7/3/3/ National Board, State, Province, and Endorsements Inspector's Signature Date Noumber 30, 2000

1. Owner Tennessee Valley Authority	Date 11/8/00
Name 1101 Market Street, Chattanooga, TN 37402-2801	Sheet 10 of 61
Address 2. Plant Sequoyah Nuclear Plant	Unit 2
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	WO# 00-003178-000
Address 3. Work Performed by Sequoyah Nuclear Plant	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
Address	Expiration Date N/A
4. Identification of system <u>CVC5</u> , <u>CLASS</u>	2
5. (a) Applicable Construction Code Sec 19,	La Edition, Na Addenda, Na Code Case
(b) Applicable Edition of Section XI Utilized for Repairs	

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)
2-62-688	CROSBY	RV-2- 3124	NA	NA-	2000	REPLACED	No
		RV-2- B120	NB	No	2000	REPLACED REPLACE MENT	No
							
7. Description of Work REPLACED RELIEF VALVE WITH A SPARE.							

- 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 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back) OTE! 9. Remarks TZA 6797

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this Repucement conforms to the repair or replacement rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA
Certificate of Authorization No. <u>NA</u> Expiration Date <u>NA</u> Signed <u>EULIPM</u> , <u>MECHENGR</u> Date <u>BNOVEMBER</u> 2000 Swher of Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u> have inspected the components described in this of Hartford, Connecticut NO. and state that to the 10 Owner's Report during the period ററ to 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.

Commissions / Inspector's Signature National Board, State, Province, and Endorsements November 21 2000 Date

1. Owner Ter	nessee Valley Authority	Date 11/13/00
1101 Market	_{Name} t Street, Chattanooga, TN 37402-2801	Sheet // of 6/
2. Plant Sec	Address Juoyah Nuclear Plant	Unit Z
P. O. Box 20	_{Name} 000, Soddy-Daisy, TN, 37384-2000	W0#00-003182-000
3. Work Perform	Address ned by Sequoyah Nuclear Plant	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A
P. O. Box 2	Name 000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
	Address	Expiration Date N/A
4. Identification	of system SAFETY ALIEC	TION, CLASSZ
	e Construction Code <u>Remarks</u> 19 e Edition of Section XI Utilized for Repairs	Addenda, Code Case s or Replacements 1989

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)
2-63-627	GROSBY	N-69971- 01-007	NB	NA	2000	REPLACED	No
		RV-2- 8856B	NA	NA	1000	ROYACO 12671ACE MENT	NO
-							
			4				

ACED VALLE. 7. Description of Work 1600

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 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

73 of Zol

			FORM NIS-	2 (Back)		
	\wedge		Conce	CONTRO	== QIO2A	1.00
9. Remarks	CONST	NOCTION	COLE:	-ONI (ILA)	CT 91934	AND
11		Applicable			171767	
HESTING	HOUSE	E-SPEC	61815	8 AND	676257.	· · · · · · · · · · · · · · · · · · ·
		•	•			

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this Replacement conforms to the repair or replacement
rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA Certificate of Authorization No. NA Expiration Date NA Signed NA Main Main Main 2000 Signed Nerro Owner's Designee, Title Date 13 Movember 2000

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u> have inspected the components described in this of Hartford, Connecticut and state that to the 12 (m) 10/30/00 Owner's Report during the period _ to 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.

Commissions 7/ Chica nal Board, State, Province, and Endorsements Inspector's Signature ovenher 30. 2000 Date

	FORM NIS-2 OWI As Required	NER'S REPOR by the Provisi				TS	
1. Owner Tennes	ssee Valley Author	ity	Date	11/91	100		
Name 1101 Market Street, Chattanooga, TN 37402-2801				et 12 of	61		
2. Plant Sequo	Unit	2					
P. O. Box 2000	_{Name} , Soddy-Daisy, TN	, 37384-2000	 ~	15# 00-00	53508	-001	
3. Work Performed	Address I by Sequoyah Nu	clear Plant	Туре	Repair Ordar Code Symbo		No Job No etc N/A	
P. O. Box 2000), Soddy-Daisy, TN	Name 1, 37384-2000	Auth	orization No	N/A		
· · · · · · · · · · · · · · · · · · ·	Address	<u></u>	Expi	- ration Date	N/A		
4. Identification of	system <u>SAFE7</u>	Y INJEC	TION, C	LASS /			
5. (a) Applicable C	onstruction Code	SEE REMARKS I Utilized for Re	19 ABEdition pairs or Repla	on, <u>A</u>	Addenda, 1989 ments	NA COO -1 COOE CAS N-416	le Case ≩⊆ pl
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)
SAFETY INJECTION	TVA	NA	140	NA_	2000	REPLACE	-No
PIPING							-
2-02-63-542	U.S. TOOL AND DIE	2-08- 63-542	rla-	MA	1000	REPUCE MENT	YES
 7. Description of W 8. Tests Conducted 	PIPING.				_	350CIA	TED
	Other D Pres	sure	psi Tes	t Temp	°F		

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

75 AF 201

FORM NIS-2 (Back)	
9. Remarks CONSTRUCTION CODE:	
ORIFICE- ASME SECTION III 1989 EDITION	_
PIPING-ANSI B31.7 1969 EDITION/1970 ADDGNDA	

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this Reputement conforms to the repair or replacement
rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA
Certificate of Authorizatian No. NA Expiration Date NA
Signed Marth Meath Grand Date Honoverse 2000
CERTIFICATE OF INSERVICE INSPECTION -
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u>
of <u>Hartford</u> , Connecticut have inspected the components described in this
Owner's Report during the period 10 24/00 to 11/15/00 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.
Machyper Commissions 7743431
Inspector's Signature National Board, State, Province, and Endorsements
Date November 16, 2000

76 of 201

.

		As Required	by the Provisi	ons of the AS	SME Code Sec	tion XI		
1. Owner	Tenness	see Valley Authori	ity	Date	11/9	100		
1101 M	arket Stre	Name eet, Chattanooga,	TN 37402-280	1 Shee	et 13 of	61		
2. Plant	Sequoy	Address ah Nuclear Plant		Unit	2			
P. O. B	ox 2000,	_{Name} Soddy-Daisy, TN,	37384-2000	 W1	0 [±] 00 - 00 Repair Organiz	3508	3-602	·
3. Work Pe	rformed	Address by Sequoyah Nuc	lear Plant	Туре	Repair Organi: e Code Symbol	zation P.O. i Stamp	No Job No etc N/A	
P. O. B	ox 2000,	Soddy-Daisy, TN	Name , 37384-2000	Auth	orization No N	- /A		·
	<u> </u>	Address		Expii	ration Date N	/A		
4. Identifica	ation of sy	stem SAFET	MY INSE	CTION,	CLASS T			• <u> </u>
5. (a) Appli	cable Co	$\sqrt{\text{stem}} = \frac{\sum_{A \in E}}{\sum_{i=1}^{N}}$	SEE	19 A (AEditio	on, NA A	ddenda,	Coc	le Case
(b) Appli	cable Edi	ition of Section XI	Utilized for Re	pairs or Repla	cements	1989	., CODE CA	tse :
6. Identifica	ition of C	omponents Repai	red or Replace	d and Replace	ement Compon	ents	N-416-	-1
Name Compo		Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
SAFET	r Oni	TVA	NA	rfa	NA	2000	REPLACE	No
Pipin	67							
2-02-63	-544	U.S. Tooc AND DIC	2-0R- 63-544	A		2000	REPLACE	Yes
:								
7. Descripti	on of Wo	rk /LISTALLE	DECCS	THIZOTI	TING Q	217C:	EAN	0
8. Tests Co		SSOC(AT Hydrostatic D P Other D Press	neumatic 🗆 N			°F		

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

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

77 of 201

FORM NIS-2 (Back)
9. Remarks CONTRUCTION CODE:
Applicable Manufacturer's Data Reports to be Attached
OLIFICE - ASME SECTION III 1989 EDITION
PIDING - ANSI B31.7 1969 EDITION /1970 ADDENDA

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this Represent conforms to the repair or replacement rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA Certificate of Authorization No. NA Expiration Date NA
Signed MULTRM, MECH ENG(Date 16 NOVEMBER 2000 Owner of owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u> of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>10/34/00</u> to <u>11/15/00</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.

TN3431 National Board, State, Province, and Endorsements Commissions Inspector's Signature nempe 16. 2000 Date

		As Required	by the Provisi	ons of the As		e Secti			
1. Owner	r Tennessee Valley Authority				11/	9/0	∞		
Name 1101 Market Street, Chattanooga, TN 37402-2801				1 Shee	et 14	of	6Ĩ		
2. Plant	Sequoya	Address ah Nuclear Plant		Unit	2				
- P. O. Bo	x 2000, \$	_{Name} Soddy-Daisy, TN,	37384-2000	hit	,# 00 -	.003	508	-003	
3. Work Per	formed b	Address by Sequoyah Nuc	lear Plant		Repair Code Sy			No Job No etc N/A	
P. O. Bo	x 2000,	Soddy-Daisy, TN	Name , 37384-2000	Auth	orization i	NO N/A	- ب		
48 <u>-2.2 · · · </u>		Address	· · · · · · · · · · · · · · · · · · ·	 Expir	ration Dat	e N/A	4	··· · · ·	
4. Identificat	ion of sy	stem <u>SAF</u>	ETY INI	ECTION	, CLAS	351			
5. (a) Applic	able Co	vstem <u>SAF</u>	SEC REMORKS	19 ~{e-Editio	n, na	Ad	denda,	LA Coo	le Case
		tion of Section XI			cements	1	989	, CODE CA	-5E
6. Identificat	ion of C	omponents Repai	ired or Replace	d and Replace	ement Cor	npone	nts	N-416	
Name o Compon		Name of Manufacturer	Manufacturer Serial No.	National Board No.	Othe Identifica		Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
SAFET INJECT PIPINI	TION	TVA	NA	NA	NE	+	2000	REPLACE	No
PIPIN	9								
····									
2-02-63	-546	U.S. TOOL AND DIE	2-0R- 63-546	NA	بالـ	7	1000	REPLACE	YES
							⁻		
7. Descriptio	n of Wo	rk INSTALL	EN ECC.	S THADT	TING		RIFI	EE ANT	

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

ASSOCIATED PIPING. 8. Tests Conducted: Hydrostatic D Pneumatic Nominal Operating Pressure Other D Pressure _____ psi Test Temp _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 81/2 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 CONSTRUCTION CODE:
Applicable Manuactifier's Data Reports to be Alternet
DRIFICE - ASME SECTION TIL 1989 EDITION
PIDING - ANSI BOI.7, 1969 EDITION /1970 ADDONDA

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>Replacement</u> conforms to the repair or replacement rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA Certificate of Authorization No. NA Expiration Date NA
Signed HULLEN, MECHENGR Date 16November 2000 Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u> of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>109400</u> to <u>1111600</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.

Commissions Inspector's Signature National Board, State, Province, and Endorsements Klovenher 16. 2000 Date

80 OF 201

17 (
1. Owner Tennessee Valley Authority				11/0	3/00	2		
_{Name} 1101 Market Street, Chattanooga, TN 37402-2801				 t15	of	61		
2. Plant Sequo	Address yah Nuclear Plant		Unit	Z	_			
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000				10#00	-00	3503	3-004	
3. Work Performed	Address I by Sequoyah Nuc	lear Plant			Organiz	ation P.O.	No., Job No., etc	
P. O. Box 200	0. Soddy-Daisy, TN	Name , 37384-2000	Auth	orization I	No N/	Ά		
	Address	· , , ,. <u></u> ,. <u></u> ,. <u>_</u> _,.	Expir	ation Dat	e N/	΄Α		
4. Identification of	Address System SAFA Construction Code Section XI Components Repaired	ETY INTE	ECTION	CLAS	5 <u> </u>		<u> </u>	
5. (a) Applicable C	construction Code	SEE REMARKS	ہ Editio کی 19	on, 🛵	_ Ac	ldenda,	NCA Cou	le Case
(b) Applicable E	dition of Section XI	Utilized for Re	pairs or Repla	cements		1989	, CODE CA	55
6. Identification of	Components Repai	ired or Replace	d and Replace	ement Co	mpone	ents	N-416	6-1
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Othe		Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
SAFETY	TVA	NA	NO	NA	 -	2000	REPLACE MENT	No
PIPING								
			· · ·					
2-0R-63-548	U.S. TOOL BAND DE	2-0R- 63-548	NA	NA		2000	REPLACE MG-17	YES
7 Description of M		· · · · · · · · · · · · · · · · · · ·				• · · · · · ·	- Λ <i>ι</i>	

7. Description of Work INSTALLED ECCS THROTTLING ORIFICE (TWD

ASSOCIATED PIPING. 8. Tests Conducted: Hydrostatic D Pneumatic D Nominal Operating Pressure D Other D Pressure _____ psi Test Temp _____ °F

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

81 of Zol

FORM NIS-2 (Back) 9. Remarks DNESTRUCTION ME SECTION 080 DITION 70 ADDERIDA B31.7 2ING -1969 5170

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this Pepurcement conforms to the repair or replacement rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA
Certificate of Authorization No. NA Expiration Date NA
Signed KAUTAM MCCH GGZ Date 16 NOVEMBER 2000 Owned or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u> of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>10/24/000</u> to <u>11/16/000</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.

Commissions <u>71/343/</u> National Board, State, Province, and Endorsements Inspector's Signature Innember 16, 2000 Date

82 OF 201

		As Required	by the Provisi	ons of the AS	SME Code S	ection XI	•	
1. Owner	Owner Tennessee Valley Authority				11/	9/00		
1101 M	^{Name} Market Street, Chattanooga, TN 37402-2801				et 16 o	f 61		
2. Plant	Address nt Sequoyah Nuclear Plant				2		<u></u>	
P. O. B	Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000				0# m-1	00350	8-005	
Address 3. Work Performed by Sequoyah Nuclear Plant				Туре		anization P.O.	Na Job Na etc N/A	
P. O. E	Box 2000,	Soddy-Daisy, TN	Name , 37384-2000	Auth	orization No	N/A ·		· · · · · · · · · · · · · · · · · · ·
		Address		 Expir	ation Date	N/A		
4. Identific	ation of sy	stem <u>SAFE</u>	ETY LAS	ECTION	, CLA:	55		
5. (a) Appl (b) Appl	icable Cor icable Edi	Address vstem <u>SAF</u> nstruction Code <u>1</u> tion of Section XI components Repai	Sèe <u>2emarks</u> Utilized for Re	19 <u>م (</u> Editio pairs or Repla	on, <u>14</u> cements –	Addenda, 1989	NA COU	
6. Identifica	ation of Co	omponents Repai	red or Replace	d and Replace	ement Comp	onents	N-4.	
Name Compo		Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identificatior	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
SAFET INJECT PIDIN		TVA	MA	NA	NA	2000	REPLACE MENT	No
Pipia	16							
2-012-6	,3-550	U.S. Tool AND DIE	2-02- 63-550	NA	NA	2000	REPLACE	YES
					·			
· · · · · · · · · · · · · · · · · · ·								
7. Descript	ion of Wo	RK INSTALL	ED EC	CS THRE	STTLING	G OR 1	FICE A.	ΥD
7. Description of Work <u>INSTALLED ECCS THROTTLING OR IFICE AND</u> ASSOCIATED PIPING. 8. Tests Conducted: Hydrostatic Deneumatic Nominal Operating Pressure D								

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

Other D Pressure _____ psi Test Temp _____ °F

83 of ZO1

FORM NIS-2 (Back)
9. Remarks CONSTRUCTION CODE:
Applicable manufactures bata reports to constrained
ORIFICE - ASME SECTION II, 1989 EDITION
PIPING-ANSI B31.7, 1969 EDITION / 1970 ADDENDA

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this PEPLACEMENT conforms to the repair or replacement
rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA Certificate of Authorization No. NA Expiration Date NA Signed Mathematication MECH Gallar Date 16 Owner/or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u> have inspected the components described in this of Hartford, Connecticut 11/16/00 and state that to the ſО 00 to Owner's Report during the period ____ 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.

Commissions 77/3/3/ National Board, State, Province, and Endorsements Inspector's Signature

Nollember 16, _ 2000 Date

.

84 OF 201

							<u></u>	
1. Owner					11/9/0	0		
1101 M	Name Market Street, Chattanooga, TN 37402-2801				t <u>17</u> of	61		
2. Plant	Sequoya	Address ah Nuclear Plant		Unit	2			
P. O. B	ox 2000, \$	_{Name} Soddy-Daisy, TN,	37384-2000	kl	0-00-00	3508	3-006	
3. Work Pe	erformed t	Address by Sequoyah Nuc	lear Plant		Repair Organiz Code Symbol	ation P.O. I	No Job No etc	
P. O. E	3ox 2000,	Soddy-Daisy, TN	^{Name} , 37384-2000	Autho	orization No N	Ά		
-		Address		Expir	ation Date N	Ά		
4. Identifica	ation of sy	stem <u>SAFE</u>	ETY INHE	ECTION	CLASS 1			
5. (a) Appli	icable Cor	$\frac{SAFE}{SAFE}$	SEE	، 19 جزع Editio	on, <u>49</u>	ddenda,	No Coc	le Case
(b) Appli	icable Edi	nstruction Code \underline{F} tion of Section XI	Utilized for Re	pairs or Repla	cements	1989	., GOEG	ise,
		omponents Repai					~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	6-1
Name Compo		Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
SAFET INJEC PIPIN	Y TION	TUA	NA	NA	NA	2000	REPLACE MENT	No
PIPIN	G							
202-6	3-552	U.S. TOOL AND DIE	2-0R- 63-552	nla	NA	2000	REPLACE MENT	YES
			i		·			
· · · · · · · · · · · · · · · · · · ·								
L		L		L			L	_

7. Description of Work INSTALLED ECCS THROTTLING ORIFICE AND ASSOCIATED PRING.

- 8. Tests Conducted: Hydrostatic D Pneumatic D Nominal Operating Pressure Other D Pressure _____ psi Test Temp _____ °F
- NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 81/2 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.

85 of 201

FORM NIS-2 (Back)	
9. Remarks CONSTRUCTION CODE:	_
Applicable Manufacturer's Data Reports to be Attached	
ORIFICE - KSME SECTION TIT, 1989 EDITION	_
PIPING - ANSI B31.7, 1969 EDITIONS/1970 ADDENDA	

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this PERCENCIT conforms to the repair or replacement
rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA Certificate of Authorization No. NA Expiration Date NA Signed NA Owner of Owner's Designee, Title Date
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel

Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u> of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>10/25/00</u> to <u>11/16/00</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.

Commissions <u>7/4/3//</u> National Board, State, Province, and Endorsements luxoo Inspector's Signature 16 November 2000 Date

		7.5 Acquired						
1. Owner	Tennessee Valley Authority			Date	11	19/00		
1101 M	Name Market Street, Chattanooga, TN 37402-2801			1Shee	et 18	of 61		
2. Plant	Address Sequoyah Nuclear Plant				2			
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000					0# 00	-00350	9-00'	7
3. Work Pe	rformed t	Address by Sequoyah Nuc	lear Plant		Repair Or	canization P.O. Ibol Stamp	No., Job No., etc	
P. O. 8	ox 2000,	Soddy-Daisy, TN	_{Name} , 37384-2000	Auth	orization N	o N/A		
		Address		Expi	ration Date	N/A		
4. Identifica	ation of sy	stem SAFE	ETY IN	ECTION	, CLA	ss /		
5. (a) Appli (b) Appli	cable Coi cable Edi	Address Address $Address$ $Addre$	SEE Con Arxs Utilized for Re	19 AEditio	on, <u>Ab</u> cements	Addenda, 	CODE COU	le Case
6. Identifica	ation of C	omponents Repai	red or Replace	d and Replace	ement Com	ponents	N-416	-
Name Compo		Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	on Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
SAFETY INJEC PIPIN	TION	TVA	NA	No	NO	- 2000	PERACE MENT	-16
PIPIN	9							
2-02-6	3-554	U.S.TOOL AND DIE	2-0R- 63-554	NA	NA	2000	REPLACE MENT	YES
	<u></u>							
•••••••••••••••••••••••••••••••••••••		• • • • • • • • • • • • • • • • • • • •		· ·				

7. Description of Work INSTALLED ECCS TROTTUNG ORIFICE AND ASSOCIATED PIPING.

- 8. Tests Conducted: Hydrostatic D Pneumatic Nominal Operating Pressure D Other D Pressure _____ psi Test Temp _____ °F
- NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 81/2 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 CONSTICUCTION CODE: ORIFICE - ASME SECTION THE, 1989 EDITION PIPING - ANSI B31,7, 1969 EDITION / 1970 ADDENDA

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this Pepacement conforms to the repair or replacement
rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA
Certificate of Authorization No. NA Expiration Date NA
Signed William MECH GIGP Date 16 NOVGUBCE 2000
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u> of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>10/25/co</u> to <u>11/16/cc</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.
Missions TM3431 Inspector's Signature National Board, State, Province, and Endorsements
Date <u>November 16,</u> 2000

	•	As Required	by the Provisi	ons of the AS	SME Code S	ection XI			
1. Owner	Owner Tennessee Valley Authority				11	19/00			
Name 1101 Market Street, Chattanooga, TN 37402-2801					et <u>19</u> of	61			
2. Plant	Sequoya	Address ah Nuclear Plant		Unit	2				
P. O. Bo	ox 2000, S	_{Name} Soddy-Daisy, TN,	37384-2000	 L	-00 # 00-	00350	8-00B		
3. Work Pe	rformed b	Address by Sequoyah Nuc	lear Plant		Repair Ord Code Symb	anization P.O. I	No., Job No., etc		
P. O. B	ox 2000,	Soddy-Daisy, TN	_{Name} , 37384-2000	Auth	orization No	N/A			
		Address		Expir	ration Date	N/A			
4. Identifica	ation of sy	stem <u>Safe</u>	TY INII	ECTION	, CLASS				
5. (a) Appli (b) Appli 6. Identifica	Address Expiration Date N/A 4. Identification of system SAFETY Integration N/A 5. (a) Applicable Construction Code See 19 NA Edition, NA Addenda, NA Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989 Code Case 6. Identification of Components Repaired or Replaced and Replacement Components N-416-1								
Name Compo		Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	
SAFET LAJEC DIDI	TY TIONS JG	TVA	NA-	NA	NG	2000	REPLACE	No	
2-02-63	-556	U.S. Tool AND DIE	2-02- 63-556	NA	No	2 <i>00</i> 0	REPLACE	YES	
			2						
		······································							
7. Description of Work INSTALLED ECCS THROTTLING ORIFICE AND									
	8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Pressurepsi Test Temp°F								

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

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

R9 of 201

FORM NIS-2 (Back)
9. Remarks CONSTRUCTION CODE: Applicable Manufacturers Data Reports to be Attached
ORIFICE - A SME SECTION III, 1989 EDITION
PIDING - ANSI B31.7, 1969 EDITION/1970 ADDENDA

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this Pepucement conforms to the repair or replacement
rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA
Certificate of Authorization No. NA Expiration Date NA
Signed Killingen, Meat Edge Date 16 November 2000
Owner br Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
An and the second Dependence Versel
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 Insp & Ins Co.</u>
of <u>Hartford</u> , <u>Connecticut</u> have inspected the components described in this
Owner's Report during the period /0/25/00 to to II/16/00 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.
71/2/2/
Inspector's Signature Commissions
Inspector's Signature National Board, State, Province, and Endorsements
Date November, 16, 2000

90 OF 201

1. Owner Te	nnessee Valley	Authorit	.y	Date		1/00			
Name 1101 Market Street, Chattanooga, TN 37402-2801				Shee	et 20	of <u>61</u>			
2. Plant Se	Add quoyah Nuclea	ress r Plant		Unit	2				
P. O. Box 2	000, Soddy-Da	_{Name} isy, TN,	37384-2000		0# 00-	00350	8-000)	
3. Work Perfor		^{tress} yah Nucl	ear Plant		Repair O		No., Job No., etc		
P. O. Box 2	 2000, Soddy-Da		^{iame} 37384-2000	Auth	orization N	o N/A			
	Ado	iress	· · · · · · · · · · · · · · · · · · ·	Expi	Expiration Date N/A				
4. Identification	of system	SAFE	ETY INCE	CTION 1	CLASS	I			
 Identification (a) Applicab (b) Applicab 	le Construction le Edition of Se	Code $\underline{72}$	See Comanues Utilized for Rej	19 <u>A</u> Editi pairs or Repla	on, <u>A</u> icements	Addenda, 1989	NA COO	ie Case A SE	
6. Identificatior	of Component	ts Repair	ed or Replaced	d and Replace	$\begin{array}{c c} & & & \\ \hline \hline & & \\ \hline & & \\ \hline & & \\ \hline \hline \\ \hline & & \\ \hline \hline \\ \hline \\$				
Name of Component	Nam Manufa		Manufacturer Serial No.	National Board No.	Other Identificati	ion Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	
SAFETY	NY TI	IR	No	Na	NA	2000	REPLACE	NO	
Piping									
2-012-63-5	82 AND I	TOOL DIE	2-012-63 -582	Na	No	2000	REPLACE MENT	YES	
L	L				L	L	<u>ا</u>	LJ	

7. Description of Work INSTALLED ECCS THROTTLING ORIFICE AND ASSOCIATED PIPING.

8. Tests Conducted: Hydrostatic
Pneumatic
Nominal Operating Pressure
Other
Pressure _____psi Test Temp _____°F

91 05 201

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

FORM NIS-2 (Back)								
9. Remarks CONSTRUCTION CODE!								
Applicable Manufacturer's Data Réports to be Attachéd								
ORIFICE - ASME SECTIONITY, 1989 EDITION								
PIDING - ANSI B31.7, 1969 EDITION /1970 ADDENDA								

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this repair or replacement conforms to the
rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA
Certificate of Authorization No. NA Expiration Date NA
Signed Kulling MECHEAGE Date 16 NOVEMBER 2000
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u>
of <u>Hartford</u> , <u>Connecticut</u> have inspected the components described in this
Owner's Report during the period 10/34/00 to 11/16/00 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.
Mcbalange Commissions TN3431
Inspector's Signature National Board, State, Province, and Endorsements
Date November 16, 2000

1. Owner	Tenness	ee Valley Author	ity	Date	11/2	100		
Name 1101 Market Street, Chattanooga, TN 37402-2801					et 21 of	61	<u></u>	
2. Plant	Sequoya	Address h Nuclear Plant		Unit	2		· · · · · · · · · · · · · · · · · · ·	
P. O. Bo	x 2000, s	_{Name} Soddy-Daisy, TN	, 37384-2000	(4	40#00-00	3500	3-010	
3. Work Pei	rformed b	Address by Sequoyah Nuc	clear Plant			zation P.O.	No., Jab No., etc).
P. O. B	ox 2000, 3	Soddy-Daisy, TN	Name 1, 37384-2000	Auth	orization No N	/A		
		Address		Expi	ration Date N	/A		
4. Identifica	tion of sy	stem <u>SAFE</u>	ETY (Mg)	ECTION,	CLASS]			
(b) Applic	able Edit	nstruction Code tion of Section XI components Repa	KEMARKS	pairs or Repla	cements	1989	- CODE CA N-416	
Name Compor	- 1	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
SAFETY	on	TVA	NA	No	NA	2000	REPLACE	NO
PIPING	7				-		· · · ·	-
2-017-63-	583	U.S. TOOL AND DIE	2-0R-63- 583	NA	Na	2000	REPLACE	TES
	·····	. \			TUNG O	_	E AN	

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS.

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

93 05 201

FORM NIS-2 (Back)
9. Remarks CONSTICUCTION CODE: Applicable Manufacturers Data Reports to be Attached
Applicable Manufacturers Data Reports to be Attached
ORFICE - ADME SECTION TIL, 1989 EDITION
PIPING - ANSI B31.7, 1969 EDITION /1970 ADDENDA

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this repair or replacement
rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA
Certificate of Authorization No. NA Expiration Date NA
Signed Kutter Mach Graz Date 1616VGMBCZ 2000
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u>
of <u>Hartford</u> , <u>Connecticut</u> have inspected the components described in this
Owner's Report during the periodO/24/00 toI///00 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.
Λ
Commissions TN3431
Inspector's Signature National Board, State, Province, and Endorsements
Date November 16 2000

	ORM NIS-2 OWN As Required	by the Provisi				· - · ·		
1. Owner Tennessee Valley Authority				_11/7/	00			
1101 Market Stre	Name et, Chattanooga,	TN 37402-2801	Shee	et 22 of	6	1		
2. Plant Sequoya	Address ah Nuclear Plant	•	Unit	2				
P. O. Box 2000, S	_{Name} Soddy-Daisy, TN,	37384-2000		#00-00=	3508	-0/1		
Address 3. Work Performed by Sequoyah Nuclear Plant				Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A				
	·	Name		orization No N	-	·····	?	
	Address		 Expir	ration Date N	/A	· · · · ·		
4. Identification of sy	stem SAFF	TY ALL				· · · · ·		
 (a) Applicable Cor (b) Applicable Edi Identification of Content 	tion of Section XI	Utilized for Rej	pairs or Repla		1909	$\frac{NA}{N \in C}$	le Case ASE 16 -1	
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)	
SAFETY INJECTION	TVA	Ne	NA	NA	2000	REPLACE MENT	No	
PIPING					+			
2-0R-63-584	U.S. TOOL AND DIG	2-0R- 103-584	NA	NA	2000	REPLACE MENT	YES	
7. Description of Wo A_3 -	TK INSTALL	ED EU	S THIL	DITUNG	ORIF	FICE A	YD_	
8. Tests Conducted:	Sœ⊂(A 7@ Hydrostatic □ P Other □ Press	neumatic 🗆 N	Iominal Opera	ating Pressure	G			

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

FORM NIS-2 (Back) 9. Remarks CONSTRUCTION ASME SECTION 98 MEDITION RIFICE -

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this RepLACEMENT conforms to the repair or replacement rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA
Certificate of Authorization No. NA Expiration Date NA
Signed Marken Meett Encre Date <u>Honores 2000</u>

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u> have inspected the components described in this of Hartford, Connecticut and state that to the 11/16/00 <u>16|</u>]4 In to Owner's Report during the period ____ 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.

Commissions <u>TN3431</u> National Board, State, Province, and Endorsements Auco Inspector's Signature November 16, 2000 Date

		As Required	by the Provisi	ons of the As	SME Code Sec	tion XI				
1. Owner	Tenness	see Valley Authori	ty	Date	11/71	100				
Name 1101 Market Street, Chattanooga, TN 37402-2801					et 23 of	6	1			
2. Plant	Sequoya	Address ah Nuclear Plant		Unit	2					
P. O. B	ox 2000,	_{Name} Soddy-Daisy, TN,	37384-2000	 ~	10# 00-00	3508	3-012			
3. Work Pe	erformed l	Address by Sequoyah Nuc	lear Plant	Туре	Repair Organi Code Symbol		No Job No etc N/A			
P. O. E	Box 2000,	Soddy-Daisy, TN	^{Name} , 37384-2000	Auth	orization No N	I/A				
	. <u> </u>	Address		 Expii	Expiration Date N/A					
4. Identific	ation of sy	stem SAFET	ry INIEC		LASSI			·		
 5. (a) Applicable Construction Code <u>Remarks</u> 19 <u>A</u> Edition, <u>NA</u> Addenda, <u>NA</u> Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989</u>, <u>Code Case</u> 6. Identification of Components Repaired or Replaced and Replacement Components 								le Case ASE -/		
Name Compo		Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)		
SAFET		TVA	Na	NO	NA	2000	REPLACE	No		
PIPING	, ,		· · · · · · · · · · · · · · · · · · ·							
2-0R-63	585	U.S. Tool And Die	2-012-63 - 585	Na	NØ	2006	REPLACE MENT	YES		
		· · · · · · · · · · · · · · · · · · ·				-				
				· ·						
7. Description of Work INSTALLED ECCS THROTTLING ORIFICE AND ASSOCIATED PIPING.										
							· <u>-</u>			
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 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-2 (Back)
9. Remarks CONISTRUCTION CODE:
ORACE - ASME SECTION III 1989 EDITION
PINING - ANSI B31.7, 1969 EDITION / 1970 ADDENDA

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>FEUACEMENT</u> conforms to the repair or replacement
rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA
Certificate of Authorization No. NA Expiration Date NA
Signed William Math GNGP Date 16MOVCMBER 2000
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u>
of <u>Hartford</u> , <u>Connecticut</u> have inspected the components described in this
Owner's Report during the period
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.
Commissions TU3431
Inspector's Signature National Board, State, Province, and Endorsements
Date November 16, 2000

98 OF 201

As Required by the Provisions of the ASME Code Section XI								
1. Owner Tennessee Valley Authority			Date	11/21	100			
Name 1101 Market Street, Chattanooga, TN 37402-2801			Shee	et 24 of	61	<u></u>		
2. Plant	Sequoya	Address ah Nuclear Plant		Unit	2			
P. O. B	ox 2000, 3	_{Name} Soddy-Daisy, TN,	37384-2000	hi	s#00-00			
3. Work Pe	erformed b	Address by Sequoyah Nuc	lear Plant	Туре	Repair Organia Code Symbol	stamp	No Job No etc N/A	
P. O. E	lox 2000,	Soddy-Daisy, TN	^{Name} , 37384-2000	Auth	orization No N	/A		
		Address		Expi	ration Date N	/A		
4. Identifica	ation of sy	stem <u>AFV</u>	J. LIAS	52				
(b) Appli	icable Edi	nstruction Code tion of Section XI omponents Repai		pairs or Repla		1989	NA COO , CODE CAS N-416	
Name	e of	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
2-3-8	391	In hew ORTH	C 58253	NO	NA	2000	REPLICED	740
		FLOWISERVE	ED23T- 1-1	ab-	No	2000	REPLACE	YES
2-3-8	392	WALMOZTH	C58254	NO	NA	2000	Reputed	NO
		FLOWISERVE	E023T-	NA	NO	2000	DEPLACE	YES
AFul	, ,	TVA	NA	Na	NA	1000	REPLACE	No
Pipi	19							
7. Description of Work REPLACED VALVES WITH NEW DESIGN								
AND ASSOCIATED PINE . 8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Pressurepsi Test Temp°F								

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

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

99 OF 201

FORM NIS-2 (Back)
9. Remarks CONSTRUCTION CODE:
PIPING-ANSI B31.7-1969 EDITION, 1970 ADDGNDA
1 10 1401 10 1/21/00 11 10 11/21/00
VALVES-ASME SECTION III, 1989 A. EDITION

CERTIFICATE OF COMPLIANCE					
We certify that the statements made in the report are correct and this Replacement conforms to the repair or replacement					
rules of the ASME Code, Section XI.					
Type Code Symbol Stamp NA					
Certificate of Authorization No. NA Expiration Date NA					
Signed Durby Mach Galar Date CoDecourse 2000					
CERTIFICATE OF INSERVICE INSPECTION					
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u> of Hartford Connecticut have inspected the components described in this					
of <u>Hartford</u> , <u>Connecticut</u> have inspected the components described in this of the components described in this described in this described in the components described in this described in the components described in the components described in this described in the components described in this described in the components described in the components described in the components described in the components described in this described in the components described in the com					
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.					
Machine Commissions T/J 3431 Inspector's Signature National Board, State, Province, and Endorsements					
Date December 7, 2000					

1. Owner Tennessee Valley Authority	Date 10/17/00
Name 1101 Market Street, Chattanooga, TN 37402-2801	Sheet 25 of 61
Address 2. Plant Sequoyah Nuclear Plant	Unit 2
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	Ho# 00-003526-000
Address 3. Work Performed by Sequoyah Nuclear Plant	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
Address	Expiration Date N/A
4. Identification of system SAFETY 14 JECTIC	DAY, CLASS 2
5. (a) Applicable Construction Code Arts 1 B31.7 19	GonEdition, 70 Addenda, NA Code Case
(b) Applicable Edition of Section XI Utilized for Repairs	

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)
2-514-457	PSA	369	No	NA	2000	REPLACED	No
		11429	NA	NO	02000	REPLACE MENT	No
					KW 10/1/00	- · ·	
-							
			ť				
L		L	L	<u>I. </u>	L	L	

EDLACED SAUBBER. 7. Description of Work

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

INI ~E 7~1

FORM NIS-2 (Back)

9. Remarks AA
Applicable Manufacturer's Uata Reports to be Attached
We certify that the statements made in the report are correct and this to the
rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA
Certificate of Authorization No. NA Expiration Date NA
The tables of the first of the second second
Signed Hull M CCH GR Date 17 OGDER 2000
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of and employed by _Hartford Steam Boiler Insp & Ins Co
of <u>Hartford</u> , <u>Connecticut</u> have inspected the components described in this
Owner's Report during the period
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.
Mochapoc Commissions TN 3431
Inspector's Signature Commissions
Date October 30, 2000

1. Owner Tennessee Valley Authority	Date 10/10/00
Name 1101 Market Street, Chattanooga, TN 37402-2801	Sheet 26 of 61
Address 2. Plant Sequoyah Nuclear Plant	Unit 2
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	WO# 00-003527-000
Address 3. Work Performed by Sequoyah Nuclear Plant	Repair Organization P.O. No Job No etc. Type Code Symbol Stamp N/A
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
Address	Expiration Date N/A
4. Identification of system <u>SGBD</u> CLASS	s 2
5. (a) Applicable Construction Code Aus B31.7 19 6	Edition, 70 Addenda, KA-Code Case
(b) Applicable Edition of Section XI Utilized for Repairs	

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)
2-56134-102	PSA	19711	AL	NA	2000	REPLACE MEAT	No
	PSA	580	HA	No	2000	Replace	No
-							
	L		l		L	L	L

7. Description of Work KEPLACED DHUBBER

- 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 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.
 - 103 of 201

FORM NIS-2 (Back)

Applicable Manufacturer's Data Reports to be Attached

9. Remarks

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this Peptacement conforms to the repair or replacement rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA
Certificate/of Authorization No. <u>NA</u> Expiration Date <u>NA</u> Signed <u>NECH ENGR</u> Date <u>IO OCTOBER</u> 2000
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u>
of <u>Hartford</u> , <u>Connecticut</u> have inspected the components described in this

Owner's Report during the period 10/4/00 to 10/30/00 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.

Commissions <u>71/3/3/</u> National Board, State, Province, and Endorsements Inspector's Signature October 30, 2000 Date /

1. Owner Tennessee Valley Authority	Date 10/26/00
Name 1101 Market Street, Chattanooga, TN 37402-2801	Sheet Z7 of 61
Address 2. Plant Sequoyah Nuclear Plant	Unit Z
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	WO# 00-003528-000
Address 3. Work Performed by Sequoyah Nuclear Plant	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
Address	Expiration Date N/A
4. Identification of system SGBD, CLA	532
5. (a) Applicable Construction Code <u>ANSIB31.7</u> ¹⁹ (b) Applicable Edition of Section XI Utilized for Repairs	

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)
2-5GBH-11	PSA	540	NA-	nla	2000	REPLACED	No
		16581	NO	No	2000	REPLACE REPLACE MENT	NO
· · · · · · · · · · · · · · · · · · ·							
-							
· · · · · · · · · · · · · · · · · · ·							
		· · · · · · · · · · · · · · · · · · ·					
7. Description of Wo	rk Repla		SHUBBE	E.,	1	I	
8. Tests Conducted:		neumatic 🗆 N	Jominal Oper	ating Pressure st Temp	□ °F		

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

105 of 201

FORM NIS-2 (Back)

Applicable Manufacturers Usita Reports to ce Attached CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this DepLACEMENT_ conforms to the repair or replacement rules of the ASME Code, Section XI. Type Code Symbol Stamp NA Certificate of Authorization No. NA Expiration Date NA Signed I Mech Edder Date 2000 CERTIFICATE OF INSERVICE INSPECTION
We certify that the statements made in the report are correct and this <u>RepLACEMENT</u> conforms to the repair or replacement rules of the ASME Code, Section XI. Type Code Symbol Stamp <u>NA</u> Certificate of Authorization No. <u>NA</u> Expiration Date <u>NA</u> Signed <u>Mathematication Mech</u> <u>Expiration Date</u> <u>260C70B62</u> 2000 Owner of Owner's Designee, Title
We certify that the statements made in the report are correct and this <u>RepLACEMENT</u> conforms to the repair or replacement rules of the ASME Code, Section XI. Type Code Symbol Stamp <u>NA</u> Certificate of Authorization No. <u>NA</u> Expiration Date <u>NA</u> Signed <u>Muture</u> , <u>Mech</u> <u>Expiration</u> Date <u>260c70Bec</u> 2000 Owner of Owner's Designee, Title
We certify that the statements made in the report are correct and this <u>RepLACEMENT</u> conforms to the repair or replacement rules of the ASME Code, Section XI. Type Code Symbol Stamp <u>NA</u> Certificate of Authorization No. <u>NA</u> Expiration Date <u>NA</u> Signed <u>Muture</u> , <u>Mech</u> <u>Expiration</u> Date <u>260c70Bec</u> 2000 Owner of Owner's Designee, Title
We certify that the statements made in the report are correct and this <u>RepLACEMENT</u> conforms to the repair or replacement rules of the ASME Code, Section XI. Type Code Symbol Stamp <u>NA</u> Certificate of Authorization No. <u>NA</u> Expiration Date <u>NA</u> Signed <u>MUTAN</u> , <u>MECH</u> <u>ENGR</u> Date <u>260C70BER</u> 2000 Owner of Owner's Designee, Title
We certify that the statements made in the report are correct and this <u>RepLACEMENT</u> conforms to the repair or replacement rules of the ASME Code, Section XI. Type Code Symbol Stamp <u>NA</u> Certificate of Authorization No. <u>NA</u> Expiration Date <u>NA</u> Signed <u>Muture</u> , <u>Mech</u> <u>Expiration</u> Date <u>260c70Bec</u> 2000 Owner of Owner's Designee, Title
We certify that the statements made in the report are correct and this <u>RepLACEMENT</u> conforms to the repair or replacement rules of the ASME Code, Section XI. Type Code Symbol Stamp <u>NA</u> Certificate of Authorization No. <u>NA</u> Expiration Date <u>NA</u> Signed <u>Muture</u> , <u>Mech</u> <u>Expiration</u> Date <u>260c70Bec</u> 2000 Owner of Owner's Designee, Title
rules of the ASME Code, Section XI. Type Code Symbol Stamp <u>NA</u> Certificate of Authorization No. <u>NA</u> Expiration Date <u>NA</u> Signed <u>Mathematication Mecch</u> <u>Expiration Date</u> <u>260c70BER</u> 2000 Owner of Owner's Designee, Title
rules of the ASME Code, Section XI. Type Code Symbol Stamp <u>NA</u> Certificate of Authorization No. <u>NA</u> Expiration Date <u>NA</u> Signed <u>Match 516R</u> Date <u>260C70BER</u> 2000 Owner of Owner's Designee, Title
Certificate of Authorization No. <u>NA</u> Expiration Date <u>NA</u> Signed <u>MUTTAN</u> , <u>MECH</u> <u>Expiration Date</u> <u>260C70BER</u> 2000 Owner of Owner's Designee, Title
Certificate of Authorization No. <u>NA</u> Expiration Date <u>NA</u> Signed <u>MUTTAN</u> , <u>MECH</u> <u>EAGR</u> Date <u>260CTOBER</u> 2000 Owner of Owner's Designee, Title
Signed Withow, MECH ENGR Date 26 OCTOBER 2000 Owner of Owner's Designee, Title
Owner of Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of and employed by _Hartford Steam Boiler Insp & Ins Co
of <u>Hartford</u> , Connecticut have inspected the components described in this
Owner's Report during the period $\frac{9/36/00}{10/36/00}$ to $\frac{10/36/00}{10/36/00}$ 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.
Machine Commissions TN 3431
Inspector's Signature National Board, State, Province, and Endorsements
Date October 30, 2000
Date <u>October 30,</u> 2000

106 OF 201

· · ·	·
1. Owner Tennessee Valley Authority	Date 10/17/00
Name 1101 Market Street, Chattanooga, TN 37402-2801	Sheet 28 of 61
Address 2. Plant Sequoyah Nuclear Plant	Unit 2
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	k10#60-003529-000
Address 3. Work Performed by Sequoyah Nuclear Plant	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
Address	Expiration Date N/A
4. Identification of system SAFETY IN IECTIC	DN1, CLASS 2
5. (a) Applicable Construction Code ALISI B31.7 19	
(b) Applicable Edition of Section XI Utilized for Repairs	

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)
2-51H-28	PSA	880	~6	14-	2000	REPLACED	No
		880 11347	No	No	2000	REPLACED REPLACE- MGUT	No
-							

7. Description of Work

REPLACED SNUBBER.

- 8. Tests Conducted: Hydrostatic
 Pneumatic
 Nominal Operating Pressure
 Other
 Pressure
 psi Test Temp
 P
- NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

107 of 201

9. Remarks NA
Applicable Manufacturer's Data Reports to be Attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this PALACEMENT conforms to the
repair or replacement
rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA
Certificate of Authorization No. NA Expiration Date NA
Signed MURM, MECHERIGE Date 17 OCTOBER 2000
Owher or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u>
of <u>Hartford</u> , Connecticut have inspected the components described in this
Owner's Report during the period 9/12/00 to to 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.
Inspector's Signature Commissions TK1343/ National Board, State, Province, and Endorsements
Date October 30, 2000
Date October 30, 2000

1. Owner Tennessee Valley Authority	Date <u>////6/00</u>
Name 1101 Market Street, Chattanooga, TN 37402-2801	Sheet 29 of 61
Address 2. Plant Sequoyah Nuclear Plant	Unit 2
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	140#00-005064-000
Address 3. Work Performed by Sequoyah Nuclear Plant	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
Address	Expiration Date N/A
4. Identification of system <u>CVC5</u> , <u>CLA55</u>	1 AND 2
5. (a) Applicable Construction Code AUSI B31,7	B (Edition, 70 Addenda, MA Code Case

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

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)
2-CVCH-208	TVA	NA	NA	MA	2000	REPLACENCEN	Tho
2-CVCH-364	TVA	NA	NA	NA	2000	РЕРИЧСЕМЕН Перичсемент	NO
	, <u>, , , , , , , , , , , , , , , , , , </u>			· .			
				µ, g F. * p			

ADDIFIED PIPE SUPPORTS 7. Description of Work

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

109 OF 201

9. Remarks NA-
Applicable Manufacturer's Data Reports to be Attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this $\frac{Per A cen e T}{repair or replacement}$ conforms to the
rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA
Certificate of Authorization No. NA Expiration Date NA
Signed Aller MECHENGE Date 16 NOVEMBER 2000
Owner pr Owner's Désignee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co</u>
the standard the components described in this
of <u>Hartford</u> , <u>Connecticut</u> have inspected the components described in this Owner's Report during the period <u>$10 \partial 100$</u> to $1\partial 100$ and state that to the
Owner's Report during the period IO IO IO UO und state that to an operations and taken corrective measures
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.
Inspector's Signature Commissions <u>T/13431</u> National Board, State, Province, and Endorsements
Date December 1, 2000

1. Owner Tennessee Valley Authority	Date 11/10/00
Name 1101 Market Street, Chattanooga, TN 37402-2801	Sheet 30 of 61
Address 2. Plant Sequoyah Nuclear Plant	Unit <i>2</i>
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	W0# 00-008869-000
Address 3. Work Performed by Sequoyah Nuclear Plant	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
Address	Expiration Date N/A
4. Identification of system	
	Edition Addenda la Cada Casa

- 5. (a) Applicable Construction Code <u>ANSI B31.7</u> 19 60 Edition, 70 Addenda, <u>AA</u> Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989
- 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)
2-CVCH-205	P5A	2244	NA	NA	2000	REPLACED	-~~
		19328	NA	NA.	1000	REPLACE REPLACE MELT	No
	· · · ·						
		<u></u>					
				· · · · · · · · · · · · · · · · · · ·			

7. Description of Work REPLACED SNUBBER.

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

111 of 201

9. Remarks NA Applicable Manufacturers Data Rep	orts to be Attached
CERTIFICATE OF CC	MPLIANCE
We certify that the statements made in the report are correct	t and this PERACEMENT conforms to the repair or replacement
rules of the ASME Code, Section XI.	
Type Code Symbol Stamp NA	· · · · · · · · · · · · · · · · · · ·
Certificate of Authorization No. NA Expiration D	
Signed Cliffon, Mech ELGE D	ate <u>10 NOIEMBER 2000</u>
CERTIFICATE OF INSERV	CF INSPECTION -
<i>,</i>	
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 e	inspected the components described in this
	11/30/00 and state that to the
Owner's Report during the period $\frac{11/3/00}{11/3/00}$ to best of my knowledge and belief, the Owner has performed	
described in this Owner's Report in accordance with the requ	virements of the ASME Code, Section XI.
By signing this certificate neither the inspector nor his emplo	wer makes any warranty expressed or implied.
concerning the examinations and corrective measures desc	ribed in this Owner's Report. Furthermore.
neither the inspector nor his employer shall be liable in any	
damage or a loss of any kind arising from or connected with	
mli	
Commissions Na	1000 Note: Note: Market Ma
Date November 30, 2000	
·	

112 OF ZO(

1. Owner Tennessee Valley Authority	Date (1/8/00
Name 1101 Market Street, Chattanooga, TN 37402-2801	Sheet 31 of 61
Address 2. Plant Sequoyah Nuclear Plant	Unit Z
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	WO# 00-009453-000
Address 3. Work Performed by Sequoyah Nuclear Plant	Repair Organization P.O. No Job No etc. Type Code Symbol Stamp N/A
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
Address	Expiration Date N/A
4. Identification of system <u>CNCS</u> , CLASS	
5. (a) Applicable Construction Code Sec 19	Addenda, Addenda, Code Case
(b) Applicable Edition of Section XI Utilized for Repairs	

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
MASON- EICAN	Nea	NA	NO	2000	Repuced	Ñо
	Manufacturer	Manufacturer Serial No.	Manufacturer Serial No. No.	Manufacturer Serial No. No. Identification	Manufacturer Serial No. No. Identification Built	Name of Manufacturer National Board Other Year Replaced, Manufacturer Serial No. No. Identification Built or Replacement Serial No. No. Identification Built or

7. Description of Work REPLACED VALVE PLUG.

- 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 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

113 of 201

CODE : CON TDACT 91934 9. Remarks CONSTRUCTION AND WESTINGHOUSE E-SPEC 678763 AND 676270.

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this RepAcement conforms to the repair or replacement rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA
Certificate of Authorization No. <u>NA</u> Expiration Date <u>NA</u> Signed <u>DUUTEN, MCCH GLGR</u> Date <u>BNDVEMBER</u> 2000 Wher or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u> of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>IDDDC</u> to <u>IIDDC</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.
Inspector's Signature Commissions 71/3/31 National Board, State, Province, and Endorsements
Date November 30, 2000

1. Owner Tennessee Valley Authority	Date 11/7/00
Name 1101 Market Street, Chattanooga, TN 37402-2801	Sheet 32 of 61
Address 2. Plant Sequoyah Nuclear Plant	Unit Z
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	W0# 00-009919-000
Address 3. Work Performed by Sequoyah Nuclear Plant	Repair Organization P.O. No Job No etc. Type Code Symbol Stamp N/A
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
Address	Expiration Date N/A
4. Identification of system CVC5, CLASS	2
5. (a) Applicable Construction Code ANSI B31.7 19	69 Edition, 70 Addenda, NA_Code Case
(b) Applicable Edition of Section XI Utilized for Repairs	

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

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)
2-CVCH-868	TVA	NA	NA	No	2000	REPLICED	No
-							
				(
L		L	L	1		.L	1

7. Description of Work

KEPLACED SUPPORT BOLTING.

- 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 81/2 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.

115 of 201

9. Remarks NA
Applicable Manufacturer's Data Reports to be Attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this REPACEMENT conforms to the repair or replacement
rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA
Certificate of Authorization No. NA Expiration Date NA
Signed Aller Mech Exappate 7 Naveneer 2000
Öwner ar Owner's Désignée, Title
CERTIFICATE OF INSERVICE INSPECTION
l, 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 Insp & Ins Co.</u>
of <u>Hartford</u> , <u>Connecticut</u> have inspected the components described in this
Owner's Report during the period 11/5/00 to 12/9/00 and state that to the
Owner's Report during the period to to and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures
best of my knowledge and belief, the Owner has performed examinations and taken corrective measures
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.
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,
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,
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
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,
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.
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.
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. Mathematical Commissions Mathematical Commissions Mathem
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.

116 of 201

1. Owner Tennessee Valley Authority	Date (1/8/00
Name 1101 Market Street, Chattanooga, TN 37402-2801	Sheet 33 of 6
Address 2. Plant Sequoyah Nuclear Plant	Unit 2
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	WO# 97-012225-000
Address 3. Work Performed by Sequoyah Nuclear Plant	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
Address	Expiration Date N/A
	TION, CLASS 2
5. (a) Applicable Construction Code DEE 19	La Edition, NA Addenda, NA Code Case
(b) Applicable Edition of Section XI Utilized for Repair	s or Replacements 1989

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)	
2-FCV-63-156	VELAN	Na	NA	rfa	2000	REPLACED	ilo	
······	· · · · · · · · · · · · · · · · · · ·							
·								
			· · · · · · · · · · · · · · · · · · ·					
						· · · · · · · · · · · · · · · · · · ·		
					l	<u> </u>		
7. Description of Wo	7. Description of Work REPLACED BONNET NUT.							

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 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

117 of 201

9. Remarks <u>Construction Code: Contract</u> 91934 AND Applicable Manufacturers Uata Reports to be Attached 14ESTING 1-TOUSE E-Spec 676258 AND 678765.

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this Replacement conforms to the repair or replacement rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA Certificate of Authorization No. NA Expiration Date NA NA Expiration Date NA
Signed LULLEN, NECK 54672 Date SNOVENDER 2000 Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u>
of Hartford, Connecticut have inspected the components described in this
Owner's Report during the period 10/26/00 to to to 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.
Commissions <u>7/1/34/3/</u> Inspector's Signature Commissions National Board, State, Province, and Endorsements
Date November 29 2000

1. Owner Tennessee Valley Authority	Date ((/7/00
Name 1101 Market Street, Chattanooga, TN 37402-2801	Sheet 34 of 61
Address 2. Plant Sequoyah Nuclear Plant	Unit 2
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	W0# 98-008002-000
Address 3. Work Performed by Sequoyah Nuclear Plant	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
Address	Expiration Date N/A
4. Identification of system RCS, CLASS 1	· · · · · · · · · · · · · · · · · · ·
 5. (a) Applicable Construction Code Remarks 19 (b) Applicable Edition of Section XI Utilized for Repairs 	Addenda, Addenda, Code Case

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)
2-68-564	CROSBY	RV-3- 8010C	2	rfa	2000	REPLACED	No
		RV-4- 8010A	NA	NA	2000	REPLACE	NO
RCS PIPING	TVA	NA	NA	NA	2000	Repusco	No
1						•	

7. Description of Work REPLACED PRESSURIZER SAFET REDLACED SOME INLET FLANGE NUTS.

8. Tests Conducted: Hydrostatic 🗆 Pneumatic 🗆 Nominal Operating Pressure Other D Pressure _____ psi Test Temp ____ ۰F

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

119 of 201

9. Remarks CONSTRUCTION CODE : Applicable Manufacturers Data Reports to be Attached
VALVE - CONTRACT 91934 AND WESTINGHOUSE
E-Specs 678764 AND 676279.
PIDING- ANSI B31.7 - 1969 EDITION / 1970 ADDONDA
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>Equacence</u> conforms to the repair or replacement
rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA
Certificate of Authorization No. NA Expiration Date NA
Signed AUTH MECH GIGN Date 13 NOVEMBER 2000
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
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 Insp & Ins Co.</u>
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 Insp & Ins Co.</u> of <u>Hartford, Connecticut</u> have inspected the components described in this
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 Insp & Ins Co.</u> of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>$B 23 \omega$</u> to <u>$11 28 \omega$</u> and state that to the
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 Insp & Ins Co.</u> of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>B_{23}/ω</u> to <u>$II/28/\omega$ and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures</u>
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 Insp & Ins Co.</u> of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>$823/00$</u> to <u>$11/28/00$</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,
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 Insp & Ins Co.</u> of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>B_{23}/ω</u> to <u>$11/28/\omega$ 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.</u>
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 Insp & Ins Co.</u> of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>$B \partial 3 \partial 0 \partial 0$</u> to <u>$II / 2B \partial 0 \partial 0$</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,
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 Insp & Ins Co.</u> of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>BJJJW</u> to <u>IIJJB</u> W 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
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 Insp & Ins Co.</u> of <u>Hartford, Connecticut</u>
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 Insp & Ins Co.</u> of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>BJJJW</u> to <u>IIJJB</u> W 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

120 OF 20(

· · · · · · · · · · · · · · · · · · ·	
1. Owner Tennessee Valley Authority	Date 9 /18/00
Name 1101 Market Street, Chattanooga, TN 37402-2801	Sheet 35 of 61
Address 2. Plant Sequoyah Nuclear Plant	Unit Z
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	klo# 98-008313-002
Address 3. Work Performed by Sequoyah Nuclear Plant	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
Address	Expiration Date N/A
4. Identification of system <u>CS</u> CLASS 2	
5. (a) Applicable Construction Code ANSI B31.7 19	
(b) Applicable Edition of Section XI Utilized for Repairs	s or Replacements 1989

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)
CS PIPING	TVA	24	NA	NA	2000	Repused	NO
		· · · · · · ·					
-			· · · · · · · · · · · · · · · · · · ·				
			-				
						·	
			· · · · · · · · · · · · · · · · · · ·				

7. Description of Work DUTING AT CONTAINMENT KEDLACED Y TRAINER 2-STN-72-33 FLANGES

8. Tests Conducted: Hydrostatic 🗆 Pneumatic 🗆 Nominal Operating Pressure 🔄 ____ °F psi Test Temp _____ Other D Pressure ___

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

121 OF 201

·

9. Remarks NA
Applicable Manufacturer's Data Reports to be Attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this RepLACEMENT conforms to the
rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA
Certificate of Authorization No. NA Expiration Date NA
Signed CHURA, MECHENGE Date 18 DEPTEMBER 2000
Owner of owner's Designee, The
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u>
of Hartford, Connecticut have inspected the components described in this
Owner's Report during the period $5/1/\infty$ to $9/20/00$ 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.
M/2/3/
Commissions TN 393
Inspector's Signature National Board, State, Province, and Endorsements
Inspector's Signature National Board, State, Province, and Endorsements Date <u>September 20</u> , 2000

<u></u>		
1. Owner	Tennessee Valley Authority	Date 9/18/00
1101 Ma	Name Arket Street, Chattanooga, TN 37402-2801	Sheet 36 of 61
2. Plant	Address Sequoyah Nuclear Plant	Unit 2
P. O. Bo	Name 0x 2000, Soddy-Daisy, TN, 37384-2000	WO# 98-008313-004
3. Work Pe	Address rformed by Sequoyah Nuclear Plant	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A
P. O. B	Name ox 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
	Address	Expiration Date N/A
4. Identifica	tion of system <u>CS</u> , CLASS 2	
	cable Construction Code <u>Sec</u> 19 cable Edition of Section XI Utilized for Repairs	or Replacements 1989

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)
2-FCV-72-22	ALOYCO	No	NA	NA	2000	Rejuced	2
-							
			···				
······		L,,,,,,					
7. Description of Wo	IN REPLACE	D Bon	NET P	DUTINEG,	1	L <u></u>	

- 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 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

123 of 201

FORM NIS-2 (Back) XAFT ASME CODE CODE: STRUCTION 9. Remarks 1-20 1968 CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this Keplacement conforms to the repair or replacement rules of the ASME Code, Section XI. Type Code Symbol Stamp NA Expiration Date NA Certificate of Authorization No. NA 13 DE 2000 ECH 1GE Date Signed Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u> have inspected the components described in this of Hartford, Connecticut and state that to the Owner's Report during the period 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. Commissions _77/343 National Board, State, Province, and Endorsements Inspector's Signature September 20, Date 2000

1. Owner	Tennessee Valley Authority	Date 9/8/00
1101 M	Name arket Street, Chattanooga, TN 37402-2801	Sheet 37 of 61
2. Plant	Address Sequoyah Nuclear Plant	Unit 2
P. O. B	Name ox 2000, Soddy-Daisy, TN, 37384-2000	W0#98-009451-000
3. Work Pe	Address rformed by Sequoyah Nuclear Plant	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A
P. O. B	Name Name Nox 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
	Address	Expiration Date N/A
4. Identifica	ation of system An Carding	CHLLED WATER , CLASS 2
5. (a) Appli	cable Construction Code ANX B31.7 19 6	n Edition, 70 Addenda, A Code Case
	cable Edition of Section XI Utilized for Repairs	

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)
47A915- 8-3 47A915- 8-3	PSA	9876, 9639	NA	NA	NA	RepLACED	No
47A915- 8-3	LISEGA	Na	NA	NA	NA	Replace- MENT	No
		-					
					·		

PIPE SUPPORT 7. Description of Work 10DIFIE

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

125 OF 201

9. Remarks NA
Applicable Manufacturer's Data Reports to be Attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this RepLicement T conforms to the repair or replacement rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA
Certificate of Authorization No. NA Expiration Date NA
Signed ALLARY MECHENGR Date SEPTEMBER 19 92 Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u>
of <u>Hartford, Connecticut</u> have inspected the components described in this
Owner's Report during the period $8/10/99$ to $9/9/99$ 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.
Inspector's Signature Commissions <u>JN 3931</u> National Board, State, Province, and Endorsements
c l 0 0 c
Date <u>Sept. 9</u> 19 <u>99</u>
·

1. Owner	Tennessee Valley Authority	Date 9/7/のの		
1101 Ma	Name Arket Street, Chattanooga, TN 37402-2801	Sheet 38 of 61		
2. Plant	Address Sequoyah Nuclear Plant	Unit 2		
P. O. Bo	Name 0x 2000, Soddy-Daisy, TN, 37384-2000	WO# 98-009451-002		
3. Work Per	Address formed by Sequoyah Nuclear Plant	Repair Organization P.O. No Job No etc. Type Code Symbol Stamp N/A		
P. O. B	Name ox 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A		
	Address	Expiration Date N/A		
4. Identifica	tion of system CNCS 54562	- CLASS ZAID 3		
5. (a) Applic	cable Construction Code ANSI B31.7 19 6	gEdition, 70 Addenda, <u>A</u> Code Case		
(b) Applic	cable Edition of Section XI Utilized for Repairs	or Replacements 1989		

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)
2-BIH-407	TVA	NA	NA	NA	1999	REPLACE - MENET	NO
2-CVCMH-days	tva	NA	NA	NA	1999	Replace - MENT	NO
2-CV/CMH-460	TVA	NA	NA-	NA	19999	Repurce- MGJT	No
2-CVCNA11-461	TVA	NA	NH	NA	1990)	Replace - MAGNET	No
2-01CMH-462	Tra	NA	NA	NA	1999	REPLACE- MOLT	No
47B 435- 4-2	TVA	NA	NA	NA	1900	REPLACE	NO
					·		

PIDE SUPPORTS 7. Description of Work RODIFIED

8. Tests Conducted: Hydrostatic
Pneumatic
Nominal Operating Pressure
Other
Pressure
Pressur

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

9. Remarks - 14-1009/ 2-CVCMH - 460	Applicable Manufacturer's Data Reports to be Attached AND Z-CVCM1-1-461 INCERE DELETED.
	<u></u>
· · ·	CERTIFICATE OF COMPLIANCE
We certify that the statement	is made in the report are correct and this \mathbb{Z}
rules of the ASME Code, Se	repair or replacement
THES OF THE ASIME COUR, SET	
Type Code Symbol Stamp	NA
Certificate of Authorization N	o. NA Expiration Date NA
AZIANTA .	MECH ENGR Date 75Eprember 19 92
Signed KCUUFAN 1 Owner or Owner	r's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
	valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or P	valid commission issued by the National Board of Boiler and Pressure Vessel rovince of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u>
Inspectors and the State or P of <u>Hartford, Connecticut</u>	valid commission issued by the National Board of Boiler and Pressure Vessel Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u> have inspected the components described in this
Inspectors and the State or P of <u>Hartford, Connecticut</u> Owner's Report during the pe	valid commission issued by the National Board of Boiler and Pressure Vessel Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u> have inspected the components described in this priod <u>$2/2/00$</u> to <u>$9/9/00$</u> and state that to the
Inspectors and the State or P of <u>Hartford, Connecticut</u> Owner's Report during the pe best of my knowledge and be	valid commission issued by the National Board of Boiler and Pressure Vessel province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u> have inspected the components described in this priod <u>$2/2/99$</u> to <u>$9/9/99$ and state that to the elief, the Owner has performed examinations and taken corrective measures</u>
Inspectors and the State or P of <u>Hartford, Connecticut</u> Owner's Report during the pe best of my knowledge and be described in this Owner's Rep	valid commission issued by the National Board of Boiler and Pressure Vessel province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u> have inspected the components described in this priod <u>$2/2/99$</u> to <u>$9/9/99$ and state that to the elief, the Owner has performed examinations and taken corrective measures port in accordance with the requirements of the ASME Code, Section XI.</u>
Inspectors and the State or P of <u>Hartford, Connecticut</u> Owner's Report during the pe best of my knowledge and be described in this Owner's Rep By signing this certificate neit	valid commission issued by the National Board of Boiler and Pressure Vessel province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u> have inspected the components described in this priod <u>2299</u> to <u>9999</u> and state that to the elief, the Owner has performed examinations and taken corrective measures port in accordance with the requirements of the ASME Code, Section XI. ther the inspector nor his employer makes any warranty, expressed or implied,
Inspectors and the State or P of <u>Hartford, Connecticut</u> Owner's Report during the pe best of my knowledge and be described in this Owner's Rep By signing this certificate neit concerning the examinations	valid commission issued by the National Board of Boiler and Pressure Vessel province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u> have inspected the components described in this priod <u>2/2/99</u> to <u>9/9/99</u> and state that to the elief, the Owner has performed examinations and taken corrective measures port in accordance with the requirements of the ASME Code, Section XI. ther the inspector nor his employer makes any warranty, expressed or implied, and corrective measures described in this Owner's Report. Furthermore,
Inspectors and the State or P of <u>Hartford, Connecticut</u> Owner's Report during the pe best of my knowledge and be described in this Owner's Rep By signing this certificate neit concerning the examinations neither the inspector nor his e	valid commission issued by the National Board of Boiler and Pressure Vessel province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u> have inspected the components described in this eriod <u>2/2/99</u> to <u>9/9/99</u> and state that to the elief, the Owner has performed examinations and taken corrective measures bort in accordance with the requirements of the ASME Code, Section XI. ther the inspector nor his employer makes any warranty, expressed or implied, and corrective measures described in this Owner's Report. Furthermore, employer shall be liable in any manner for any personal injury or property
Inspectors and the State or P of <u>Hartford, Connecticut</u> Owner's Report during the pe best of my knowledge and be described in this Owner's Rep By signing this certificate neit concerning the examinations neither the inspector nor his e	valid commission issued by the National Board of Boiler and Pressure Vessel province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u> have inspected the components described in this priod <u>2/2/99</u> to <u>9/9/99</u> and state that to the elief, the Owner has performed examinations and taken corrective measures port in accordance with the requirements of the ASME Code, Section XI. ther the inspector nor his employer makes any warranty, expressed or implied, and corrective measures described in this Owner's Report. Furthermore,
Inspectors and the State or P of <u>Hartford, Connecticut</u> Owner's Report during the pe best of my knowledge and be described in this Owner's Rep By signing this certificate neit concerning the examinations neither the inspector nor his e	valid commission issued by the National Board of Boiler and Pressure Vessel province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u> have inspected the components described in this priod <u>2/2/09</u> to <u>9/9/09</u> and state that to the elief, the Owner has performed examinations and taken corrective measures port in accordance with the requirements of the ASME Code, Section XI. ther the inspector nor his employer makes any warranty, expressed or implied, and corrective measures described in this Owner's Report. Furthermore, employer shall be liable in any manner for any personal injury or property arising from or connected with this inspection.
Inspectors and the State or Plot <u>Hartford, Connecticut</u> Owner's Report during the pe best of my knowledge and be described in this Owner's Rep By signing this certificate neit concerning the examinations neither the inspector nor his e damage or a loss of any kind	valid commission issued by the National Board of Boiler and Pressure Vessel rovince of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u> have inspected the components described in this priod <u>$2/2/99$</u> to <u>$9/9/99$</u> and state that to the elief, the Owner has performed examinations and taken corrective measures bort in accordance with the requirements of the ASME Code, Section XI. ther the inspector nor his employer makes any warranty, expressed or implied, and corrective measures described in this Owner's Report. Furthermore, employer shall be liable in any manner for any personal injury or property arising from or connected with this inspection. <u>Commissions</u> <u>TW3431</u>
Inspectors and the State or Plot <u>Hartford, Connecticut</u> Owner's Report during the pebest of my knowledge and be described in this Owner's Rep By signing this certificate neit concerning the examinations neither the inspector nor his ed damage or a loss of any kind	valid commission issued by the National Board of Boiler and Pressure Vessel rovince of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u> have inspected the components described in this priod <u>$2/2/99$</u> to <u>$9/9/99$</u> and state that to the elief, the Owner has performed examinations and taken corrective measures bort in accordance with the requirements of the ASME Code, Section XI. ther the inspector nor his employer makes any warranty, expressed or implied, and corrective measures described in this Owner's Report. Furthermore, employer shall be liable in any manner for any personal injury or property arising from or connected with this inspection. <u>Commissions</u> <u>TW3431</u>

.

.

1. Owner Tennessee Valley Authority	Date 0/7/00
Name 1101 Market Street, Chattanooga, TN 37402-2801	Sheet 39 of 61
Address 2. Plant Sequoyah Nuclear Plant	Unit 2
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	W0# 98-009451-003
Address 3. Work Performed by Sequoyah Nuclear Plant	Repair Oroanization P.O. No Job No etc. Type Code Symbol Stamp N/A
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
Address	Expiration Date N/A
4. Identification of system <u>51 And RH</u>	R, CLASS 2
5. (a) Applicable Construction Code AUSI B31.7	62 Edition, 70 Addenda, A

1989

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

6. Identification of Components Repaired or Replaced and Replacement Components

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements

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)
2-51H-405	TVA	NA	NA	NO	1999	REPLACEMENT	No
2-51H-497	TVA	NA	NA	NA	1999	REPLACEMENT	NO
2-514-490	TVA	NA	NA	No	1999	Replacement	No
2-514-406	BP	×17RS- 310193	NA	NA	1979	REPLACEMENT	NO
2-124124-454	TUA	NA	NA	NA	1999	Repracement	NO

7. Description of Work MIDE. NOD/FIGD 1002

8. Tests Conducted: Hydrostatic
Pneumatic
Nominal Operating Pressure
Other
Pressure
Pressure
SF

129 of 201

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

9. Remarks A 100 9/8/09 2-511- 490 DELETEN CERTIFICATE OF COMPLIANCE 1t We certify that the statements made in the report are correct and this Personant conforms to the repair or replacement rules of the ASME Code, Section XI. Type Code Symbol Stamp NA Expiration Date Certificate of Authorization No. NA NA JEDT GUIDER 19 Signed RECA ENGR Date CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Tennessee and employed by Hartford Steam Boiler Insp & Ins Co. have inspected the components described in this of Hartford, Connecticut and state that to the Owner's Report during the period 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. Commissions 77343/ National Board, State, Province, and Endorsements spector's Signature 10 19 99 Date

1. Owner Tennessee Valley Authority	Date 11/13/00
Name 1101 Market Street, Chattanooga, TN 37402-2801	Sheet 40 of 61
Address 2. Plant Sequoyah Nuclear Plant	Unit 2
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	W0#99-003654-000
Address 3. Work Performed by Sequoyah Nuclear Plant	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
Address	Expiration Date N/A
4. Identification of system <u>C3</u> , <u>CLASS</u> 2	
5. (a) Applicable Construction Code ZEMARKS 19	Edition, Addenda, Addenda, Code Case
(b) Applicable Edition of Section XI Utilized for Repairs	

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)
CS PUMP ZB	SULTER	No	No	NG-	2000	REPLACED	No
ZB					 		
L		<u></u>	I				

7. Description of Work REPLACED GLAND AND STUFFING BOX BOLTING.

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 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

131 of 201

9. Remarks CONSTRUCTION CODE: CONTRACT 92646 AND
TVA DESIGN SPEC 1153.
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this Polacement conforms to the repair or replacement
rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA
Certificate of Authorization No. NA Expiration Date NA
Signed HULLEN, MECHENGR Date 13 NOVENBER 2000 Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
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 Insp & Ins Co.</u>
Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boller http://www.sco.</u>
Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boller Hisp & His Co.</u> of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period $IO[\partial B]OO$ to $I\partial[5]OO$ and state that to the
Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boller HSP & HS CO.</u> of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>$10/28/00$</u> to $13/5/00$ and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures
Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boller hisplains co.</u> of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>$10/28/00$</u> to $12/5/00$ 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.
Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boller hisp & his Co.</u> of <u>Hartford, Connecticut</u> owner's Report during the period <u>$10/28/00$</u> to $12/5/00$ 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,
Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boller hisp & his co.</u> of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>$10/28/00$</u> to $13/5/00$ 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,
Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boller hisp & his co.</u> of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>$10/28/00$</u> to $13/5/00$ 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,
Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boller hisp & his Co.</u> of <u>Hartford, Connecticut</u> owner's Report during the period <u>$10/28/00$</u> to $12/5/00$ 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,
Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boller https a life Co.</u> of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>100800</u> to <u>10500</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.
Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boller Hisp & His Co.</u> of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>100800</u> to <u>10500</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.
Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boller https a life Co.</u> of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>100800</u> to <u>10500</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.

1. Owner Tennessee Valley Authority	Date 11/14/00
Name 1101 Market Street, Chattanooga, TN 37402-2801	Sheet 41 of 61
Address 2. Plant Sequoyah Nuclear Plant	Unit 2
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	W0#99-003729-001
Address 3. Work Performed by Sequoyah Nuclear Plant	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
Address	Expiration Date N/A
4. Identification of system Main STEAM	CLASS 2
5. (a) Applicable Construction Code Devenues 19	Addenda, MA_ Addenda, MA_ Code Case
(b) Applicable Edition of Section XI Utilized for Repair	s or Replacements 1989

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)
2-PCV-1-30	Copes Vulcani	NA	NA	NA	2020	Replacer	No
							-
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,			······································			
· ·							
L		L,	L	 `	l <u></u>		

7. Description of Work <u>Replaced</u> VALLE <u>PLUG</u> 8. Tests Conducted: Hydrostatic D Pneumatic D Nominal Operating Pressure D Other D Pressure <u>NA</u> psi Test Temp <u>°</u>F

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

133 OF 201

DRAFT CODE: 1968 9. Remarks ONSTRUCTION UCLEAR- 7 -ODE FOR CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this <u>EPLACEMENT</u> conforms to the repair or replacement rules of the ASME Code, Section XI. Type Code Symbol Stamp - NA Expiration Date NA Certificate of Authorization No. NA 6 DECEMBER FalGPDate 2000 Sianed 's Designee CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u> have inspected the components described in this of Hartford, Connecticut and state that to the 1217100 113/00 Owner's Report during the period ____ to 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.

Commissions National Board, State, Province, and Endorsements Inspector's Signature Verenher 2000 Date

134 of Zol

1. Owner Tennessee Valley Authority	Date 11/7/00
^{Name} 1101 Market Street, Chattanooga, TN 37402-2801	Sheet 42 of 61
Address 2. Plant Sequoyah Nuclear Plant	Unit Z
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	W0#99-003855-000
Address 3. Work Performed by Sequoyah Nuclear Plant	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
Address	Expiration Date N/A
4. Identification of system CVCS, CLASS	2
5. (a) Applicable Construction Code REMARKS 19	La Edition, Addenda, MA Code Case
(b) Applicable Edition of Section XI Utilized for Repairs	s or Replacements 1989

- 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)
2-FCX-62-89	MASON- EILANI	No-	ALA	NA	2000	REPLACED	No
· · · · · · · · · · · · · · · · · · ·	·						
				······································			

7. Description of Work REPLACED VALVE PLUG

8. Tests Conducted: Hydrostatic
Pneumatic Nominal Operating Pressure
Other
Pressure
Pressure psi Test Temp
F

135 of 201

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

9. Remarks CONSTRUCTION CODE: CONTRACT 91934 AND 763 CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this KEDLACEMELT conforms to the repair or replacement rules of the ASME Code, Section XI. Type Code Symbol Stamp NA Certificate of Authorization No. NA **Expiration** Date NA 2000 Signed 4 ECH ENG D_ Date Owned or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u> have inspected the components described in this of Hartford, Connecticut 11/2/100 and state that to the Owner's Report during the period 10/30/00 to 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. Commissions_J7/34 National Board, State, Province, and Endorsements Inspector's Signature Date November 21, 2000

1. Owner Tennessee Valley Authority	Date $ \iota /\gamma/\infty$
Name 1101 Market Street, Chattanooga, TN 37402-2801	Sheet 43 of 61
Address 2. Plant Sequoyah Nuclear Plant	Unit Z
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	WO# 99-004116-000
Address 3. Work Performed by Sequoyah Nuclear Plant	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
Address	Expiration Date N/A
4. Identification of system SAFETY INJEC	FION , CLASS 2
5. (a) Applicable Construction Code ANSI B31.7 19	
(b) Applicable Edition of Section XI Utilized for Repair	

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)
SAFETY INJECTION Piping	TVA	NA	NA	NA	2000	REPAIDED	ilo
Fiping							
	. <u></u>						

7. Description of Work REMOVED AIL STRIKE

8. Tests Conducted: Hydrostatic
Pneumatic
Nominal Operating Pressure
Other
Pressure
Pressure psi Test Temp
F

137 OF 201

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

9. Remarks NA	Applicable Manufacturer's Data Reports to be Attached
	CERTIFICATE OF COMPLIANCE
We certify that the st	atements made in the report are correct and this Pepare conforms to the repair or replacement
rules of the ASME C	• •
Type Code Symbol S	Stamp NA
Certificate of Authoriz	zation No. NA Expiration Date NA
Signed 2004	SM, MECHENGE Date 7 NOVEMBER 2000
	or Owner's Designee, Title
<u></u>	CERTIFICATE OF INSERVICE INSPECTION -
Inspectors and the St of <u>Hartford, Connec</u> Owner's Report durin best of my knowledge described in this Owr By signing this certific concerning the exam neither the inspector damage or a loss of a <u>Inspector's S</u>	and the period $(6/33/00)$ to $11/31/00$ and state that to the e and belief, the Owner has performed examinations and taken corrective measures ther's Report in accordance with the requirements of the ASME Code, Section XI. Cate neither the inspector nor his employer makes any warranty, expressed or implied, and the corrective measures described in this Owner's Report. Furthermore, nor his employer shall be liable in any manner for any personal injury or property any kind arising from or connected with this inspection.
Date <u>/Vowemb</u>	$e = 21, \dots, 2000$
	138 of Zol
	138 of 201

1. Owner Tennessee Valley Authority	Date 9/12/00
Name 1101 Market Street, Chattanooga, TN 37402-2801	Sheet 44 of 61
Address 2. Plant Sequoyah Nuclear Plant	Unit 2
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	Wo# 99-004422-001
Address 3. Work Performed by Sequoyah Nuclear Plant	Recair Orcanization P.O. No Job No etc. Type Code Symbol Stamp N/A
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
Address ·	Expiration Date N/A
4. Identification of system CVCS, CLASS	2
5. (a) Applicable Construction Code REMARKS	Addenda, My Code Case
(b) Applicable Edition of Section XI Utilized for Repai	irs or Replacements 1989

6. Identification of Components Repaired or Replaced and Replacement Components

CCP ZB-B	PALIFIC	NA	NA	NA	2000	Replacement RepLace- MENT	or No)
				· · · · · · · · · · · · · · · · · · ·			

7. Description of Work MODIFIED PUMP BASE BY DEILING OF HOLES (Support NACC Supports. 8. Tests Conducted: Hydrostatic Openantic Openatic Pressure Openation Pressure Openation Pressure Pressu

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 81/2 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.

139 of 201

FORM NIS-2 (Back) ODE : CONTRACT 9. Remarks / - 677125. CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this KEPLACENAENT conforms to the repair or replacement rules of the ASME Code, Section XI. Type Code Symbol Stamp NA NA Certificate of Authorization No. Expiration Date NA 2 SEI EMBER 2000 NGR Date Sianed Owner or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u> have inspected the components described in this of Hartford, Connecticut and state that to the 4118 7128100 Owner's Report during the period _____ to 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. Commissions 7713931 National Board, State, Province, and Endorsements Inspector's Signature September 18, 2000 Date

1. Owner Tennessee Valley Authority	Date 9/12/00				
Name 1101 Market Street, Chattanooga, TN 37402-2801	Sheet 45 of 61				
Address 2. Plant Sequoyah Nuclear Plant	Unit 2				
_{Name} P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	W0#99-004422-002				
Address 3. Work Performed by Sequoyah Nuclear Plant	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A				
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A				
Address	Expiration Date N/A				
4. Identification of system CUCS, CLASS 2					
5. (a) Applicable Construction Code Set 19 (b) Applicable Edition of Section XI Utilized for Repair	La Edition, Ma Addenda, Ma Code Case				

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)
CCP 2A-A	PACIFIC	NA	NA	NA	2000	Replace	No
· · · · · · · · · · · · · · · · · · ·							
		· · · · · · · · · · · · · · · · · · ·					
	÷.	<u> </u>					

7. Description of Work LING ASE SUPPORT. YNCC

CCEPT 8. Tests Conducted: Hydrostatic
Pneumatic
Nominal Operating Pressure
Other
Pressure
psi Test Temp _°F

141 of 201

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

FORM NIS-2 (Back)
9. Remarks ONSTRUCTION CODE: CONTRACT 91934 AND
Applicable Manufacturer's Data Reports to be Attached WESTINGHOUSE E-SPEC (677125,
MESTINGHOUSE E JEC WITTES
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this REPLACEMENT conforms to the repair or replacement
rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA
Certificate of Authorization No. NA Expiration Date NA
Signed Juliper, MECH GLER Date 12 SEPTEMBER 2000
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u>
of <u>Hartford</u> . Connecticut have inspected the components described in this
Owner's Report during the period $2/28/a_{0}$ to $4/18/00$ 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.
Commissions TH3431
Inspector's Signature National Board, State, Province, and Endorsements
Date September 18, 2000

142 of 201

1. Owner Tennessee Valley Authority	Date 9/13/00					
Name 1101 Market Street, Chattanooga, TN 37402-280	1 Sheet 46 of 61					
Address 2. Plant Sequoyah Nuclear Plant	Unit Z					
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	W0#99-004422-005					
Address 3. Work Performed by Sequoyah Nuclear Plant	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A					
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A					
Address	Expiration Date N/A					
4. Identification of system CS, CLASS Z						
5. (a) Applicable Construction Code Reventes 19 La Edition, Addenda, Code Case						
(b) Applicable Edition of Section XI Utilized for Re	(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989					

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)
CS RUMP2BB	SULZER	nlo-	rla	No	2000	REPLACE	20
-							
			•				
	<u> </u>	· · · ·				Λ	···········

7. Description of Work

7. Description of Work DRILLED I DLES N. PUMP BASE TO NACC Support. 8. Tests Conducted: Hydrostatic Deneumatic Dominal Operating Pressure Dother Pressure Manager Test Temp _____ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 81/2 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.

143 of 201

FORM NIS-2 (Back) 9. Remarks CONSTRUCTION CODE: CONTRACT 91934 AND LESTINGHOUSE DEC (077125, CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this KeplacencelT_ conforms to the repair or replacement rules of the ASME Code, Section XI. Type Code Symbol Stamp NA Certificate of Authorization No. Expiration Date NA NA 2M Signed 2000 Date or Owner's Designee, Title CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Tennessee and employed by Hartford Steam Boiler Insp & Ins Co. have inspected the components described in this of Hartford, Connecticut 7131100 and state that to the Owner's Report during the period _____ to 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. Commissions National Board. State, Province, and Endorsements Inspector's Signature Date <u>September 18</u> 2000

1. Owner Tennessee Valley Authority	Date 9/13/00
Name 1101 Market Street, Chattanooga, TN 37402-2801	Sheet 47 of 61
Address 2. Plant Sequoyah Nuclear Plant	Unit 2
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	W0#99-004422-006
Address 3. Work Performed by Sequoyah Nuclear Plant	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
Address	Expiration Date N/A
4. Identification of system CS, CLASS 2	
5. (a) Applicable Construction Code See 19	A Edition, NA Addenda, NA Code Case
(b) Applicable Edition of Section XI Utilized for Repairs	or Replacements 1989

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)
CS Runp 2A-A	Suzer	Na	No	NS	200	REPACE	NO
· · · · · · · · · · · · · · · · · · ·							

HOLES IN PUMP BASE TO ACCEPT 7. Description of Work DRILLED

SUPPORT -8. Tests Conducted: Hydrostatic
Pneumatic
Nominal Operating Pressure
Other
Pressure
F

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

145 of 201

FORM NIS-2 (Back) (ONLTRACT 9. Remarks / 617125 TINIGH CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this <u>FPLACEMENT</u> conforms to the repair or replacement rules of the ASME Code, Section XI. Type Code Symbol Stamp **Expiration** Date NA Certificate of Authorization No. NA 2000 Signed TDate wner/or Owner's Designee. Titl CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Tennessee and employed by Hartford Steam Boiler Insp & Ins Co. have inspected the components described in this of Hartford, Connecticut 100 Owner's Report during the period ∞ and state that to the to 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. Commissions TN 393 National Board, State, Province, and Endorsements Inspector's Signature <u>September 18,</u> 2000 Date

146 of 201

1. Owner	Tennessee Valley Authority	Date (1/10/00
1101 M	Name arket Street, Chattanooga, TN 37402-2801	Sheet 48 of 61
2. Plant	Address Sequoyah Nuclear Plant	Unit 2
P. O. Bo	Name ox 2000, Soddy-Daisy, TN, 37384-2000	Wo# 99-004479-000
3. Work Pe	Address rformed by Sequoyah Nuclear Plant	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A
P. O. B	Name Nox 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
	Address	Expiration Date N/A
4. Identifica	ation of system $\underline{RHR}, \underline{Ccass}$	2
5. (a) Appli	cable Construction Code An(S) B31,7 19	Addenda, LA_Code Case

1989

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

6. Identification of Components Repaired or Replaced and Replacement Components

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements

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)
RHR	TVA	NA	NA		2000	REPLACED	No
RHR Pipinig							
, 							
	, , , , , , , , , , , , , , , , , , ,						
		<u> </u>					

EPLACED FLANGE BOLTING AT 2-FCV-74-20 7. Description of Work

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

9. Remarks Applicable Manufacturer's Data Reports to be Attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this RepLACEMENT conforms to the repair or replacement
rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA
Certificate of Authorization No. NA Expiration Date NA
Signed Aller or Owner's Designee, Title
Wher of Owner's Designee, The
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u>
of Hartford, Connecticut have inspected the components described in this
Owner's Report during the period $2/25/00$ to $11/30/00$ 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.
Mational Board, State, Province, and Endorsements
Date November 30, 2000
· · · · · · · · · · · · · · · · · · ·
148 of 201

		•.	Date			<u></u>	
1. Owner Tenness	nessee Valley Authority				100		
1101 Market Stre	Name eet, Chattanooga,	TN 37402-280 ⁻	1 Shee	et <u>49</u> of		1	
2. Plant Sequoya	Address ah Nuclear Plant		Unit	2			
P. O. Box 2000, 3	_{Name} Soddy-Daisy, TN	, 37384-2000	kli	0# 99-C	0676	9-000	
3. Work Performed I	Address by Sequoyah Nuc	lear Plant			ization P.O.	No., Job No., etc	
P. O. Box 2000,	Soddy-Daisy, TN	Name , 37384-2000	Auth	orization No	۱/۸		·
······	Address		 Expi	 ration Date	J/A		
4. Identification of sy	vstem CVC	S, CLAS				· · · · · ·	
 Identification of sy (a) Applicable Con (b) Applicable Edi Identification of Content 	ition of Section XI	Utilized for Re	pairs or Repla		1989	<u>NA</u> Coo ,CODE CA N-416	le Case 5 5 - (
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)
CYCS	TVA	NA	NA	NA	2000	Replace	No
PIPING							
2-01-62-2033	U.S. TOOL AND DIE	9922-1	NA	~4	2000	Replace MENT	YE3
				· · · · · · · · · · · · · · · · · · ·			
	•						
7. Description of Wo	rk (NSTALLET	NEIAL	CCO 7.A - 1	A MINI	Zari	LINE	
7. Description of Wo Bize	AKDOVIA	ONFICE	E AND	ASSOCIA	TED	PIPING	<u>ا</u>
3. Tests Conducted:	Hydrostatic 🗆 F	neumatic 🗆 N sure	lominal Opera	ating Pressure	9	l	-

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 81/2 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.

149 of 201

9. Remarks CONSTRUCTION CODE : Applicable Manufacturers Data Reports to be Attached PIPING - ANSI B31.7, 1969EDITION, 1970ADDENEDA ORIFICE - ASME SEGION III, 1989 EDITION

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this Repucement conforms to the repair or replacement rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA
Certificate of Authorization No. <u>NA</u> Expiration Date <u>NA</u> Signed <u>Muthon</u> <u>MECHENGP</u> Date <u>17 NovEMBER</u> 2000
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u> of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period $8 \mu \rho \omega$ to $12/5 \rho \omega$ 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.
Mainage of a loss of any kind ansing from of connected with this inspection. Machine Commissions TN34.31 Inspector's Signature Date December 5, 2000

·	As Required	by the Provisi	ons of the AS	SME Code	e Section XI			
1. Owner Tenness	see Valley Author	ity	Date	(]	122100			
1101 Market Stre	Name eet, Chattanooga,	TN 37402-280	1 Shee	et 50	of 61			
2. Plant Sequoya	Address ah Nuclear Plant		Unit	2	-			
P. O. Box 2000,	_{Name} Soddy-Daisy, TN,	37384-2000	 Khi	,4- 90,	1-006765	3-001		
3. Work Performed	Address by Sequoyah Nuc	lear Plant	Туре		Organization P.O. mbol Stamp			
P. O. Box 2000,	Soddy-Daisy, TN	Name , 37384-2000	Auth	orization N	No N/A			
	Address		Expir	Expiration Date N/A				
4. Identification of sy	vstem CUC	5, CLASS	, 2	<u> </u>	·····			
 Identification of sy (a) Applicable Co (b) Applicable Edit Identification of C 	ition of Section XI	Utilized for Re	pairs or Repla	cements	1989	N-410	ie Case A SE	
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identifica		Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	
CUCS PIPING	-TVA-	NA-	NA	NE	+ 2000	REPLACE MENT	To	
2-012 -62-2034	U.S. TOOL AND DIE	9922-2	Na	NA	2000	Replace NENT	ЧЕЗ	
· · · · · · · · · · · · · · · · · · ·								
		· · · · · · · · · · · · · · · · · · ·					:	
7. Description of Wo	TR REPLACE		2B-BINA				HTH	

A NEW LESIGN ATHIS HOSOCIALED FIPI 8. Tests Conducted: Hydrostatic D Pneumatic D 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 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

¹⁵¹ OF 201

9. Remarks CONSTRUCTION CODE: Applicable Manufacturers Data Reports to be Attached PIPING - ANSI B31.7 1969 EDITION, 1970 ADDENDA ORFICE - ASME SECTION III 1989 EDITION

CERTIFICAT	TE OF COMPLIANCE
Ve certify that the statements made in the report a	are correct and this <u><u>AGCACEMEL</u> conforms to the repair or replacement</u>
ules of the ASME Code, Section XI.	
ype Code Symbol Stamp NA	
Certificate of Authorization No. NA Exp	piration Date NA
Signed Aller or Owner's Designee, Title	The 22 November 2000
CERTIFICATE OF	INSERVICE INSPECTION
the undersigned, holding a valid commission issuns the undersigned of the state of Province of Tennesse	ued by the National Board of Boiler and Pressure Vessel ee_ and employed by <u>Hartford Steam Boiler Insp & Ins Co</u>
f Hartford, Connecticut	have inspected the components described in this
Dwner's Report during the period8/10/00	to $12/5/cc$ and state that to the
	erformed examinations and taken corrective measures
	h the requirements of the ASME Code, Section XI.
	his employer makes any warranty, expressed or implied,
	ures described in this Owner's Report. Furthermore,
	le in any manner for any personal injury or property
lamage or a loss of any kind arising from or conne	
Λ	
Inspector's Signature	ions 7/13/3/ National Board, State, Province, and Endorsements
Date <u>December 5</u> , 2000	

1. Owner Tennessee Valley Authority	Date 11/14/00
Name 1101 Market Street, Chattanooga, TN 37402-2801	Sheet 51 of 61
Address 2. Plant Sequoyah Nuclear Plant	Unit 2
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	40#99-008455-000
Address 3. Work Performed by Sequoyah Nuclear Plant	Repair Organization P.O. No Job No etc. Type Code Symbol Stamp N/A
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
Address	Expiration Date N/A
4. Identification of system DCS, CLASS	2
5. (a) Applicable Construction Code ASME 19	77 Edition, 579 Addenda, Ma Code Case
(b) Applicable Edition of Section XI Utilized for Repair	s or Replacements 1989

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)
2-FSY-68-397	TARGET ROCK	23	288	NA	1981	REPARED	YES
		-					
		<u></u>					

- 7. Description of Work <u>REINSTALLED</u> <u>BODY TO BONNET</u> <u>SEAL <u>LELD</u> FOLCOWING MAINTENANCE. 8. Tests Conducted: Hydrostatic Deneumatic Dominal Operating Pressure Dominal Operating Pressure Dominal Operating Pressure Dominal Operating Pressure Press</u>
- NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 81/2 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.

9. Remarks Applicable Manufacturer's Data Reports to be Attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this PepA(p
rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA
Certificate of Authorization No. NA Expiration Date NA
Signed Kallan, MECH ENGR Date 14 NOVEMBER 2000 Owner or Dwner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u> of <u>Hartford, Connecticut</u> have inspected the components described in this
Owner's Report during the period $\frac{6/200}{11/3000}$ to $\frac{11/3000}{11/3000}$ 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.
Inspector's Signature Commissions 7/1/3/3/ National Board, State, Province, and Endorsements
Date <u>November 30,</u> 2000

1. Owner Tennessee Valley Authority	Date (1/14/00
Name 1101 Market Street, Chattanooga, TN 37402-2801	sheet 52 of 61
Address 2. Plant Sequoyah Nuclear Plant	Unit 2-
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	WO# 99-008456-000
Address 3. Work Performed by Sequoyah Nuclear Plant	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
Address	Expiration Date N/A
4. Identification of system 12CS, CLASS 2	
5. (a) Applicable Construction Code Sect 19-	77 Edition, 579 Addenda, NA Code Case
(b) Applicable Edition of Section XI Utilized for Repairs	or Replacements 1989

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)	
2-FSV-68-396	TARGET TROCK	22	287	NA	1981	REPAIRED	YES	
				- - -				
-								
Perfektion (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999) (1999								
		· ·						
L		······		/		, , , , , , , , , , , , , , , , , , , ,		-

7. Description of Work REINSTALLED BODY TO BONNET SEAL MED FOLLOWING

MAINTENANCE.

8. Tests Conducted: Hydrostatic
Pneumatic
Nominal Operating Pressure
Other
Pressure
Pressur

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 81/2 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.

155 of 201

9. Remarks Applicable Manufacturer's Data Reports to be Attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this Pepart conforms to the repair or replacement
rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA
$\frac{14 \text{ km}}{14 \text{ km}} = \frac{14 \text{ km}}{162} = 2000$
Signed <u>MCUUP WECHENGR</u> Date <u>14 NOVEMBER</u> 2000 Owner of Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u>
of <u>Hartford</u> , <u>Connecticut</u> have inspected the components described in this
Owner's Report during the period $\frac{6700}{11300}$ to $\frac{113000}{11300}$ 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.
Machines Commissions TN 3431
Inspector's Signature National Board, State, Province, and Endorsements
Date November 30, 2000

156 of 201

1. Owner Tennessee Valley Authority	Date (1/14/00
Name 1101 Market Street, Chattanooga, TN 37402-2801	Sheet 53 of 61
Address 2. Plant Sequoyah Nuclear Plant	Unit Z
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	KID#99-008457-000
Address 3. Work Performed by Sequoyah Nuclear Plant	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
Address	Expiration Date N/A
4. Identification of system	2
5. (a) Applicable Construction Code ASME 19-	77 Edition, 579 Addenda, Ma Code Case
(b) Applicable Edition of Section XI Utilized for Repairs	or Replacements 1989

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)
2-FSV-68-395	TANGET ROCK	15	280	MA	1981	REPAIRED	Yes
		~					

- 7. Description of Work REINSTALLED BODY TO BONNET SCAL LELD FOLLOWING NAINTENANCE. 8. Tests Conducted: Hydrostatic Deneumatic Dominal Operating Pressure D
 - NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 81/2 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.

157 of 201

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this Repaired to the repair or replacement
rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA
Certificate of Authorization No. NA Expiration Date NA
Signed RULLAR MECHENGE Date 14 NOVEMBER 2000 Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins C</u> of Hartford Connecticut have inspected the components described in this
Owner's Report during the period of 1/00 to to
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.
+1(2/12)
Inspector's Signature Commissions 7/1/3/3/ National Board, State, Province, and Endorsement
Date November 30, 2000

1. Owner Tennessee Valley Authority	Date (1/14/00
Name 1101 Market Street, Chattanooga, TN 37402-2801	Sheet 54 of 61
Address 2. Plant Sequoyah Nuclear Plant	Unit 2
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	WO#99-008458-000
Address 3. Work Performed by Sequoyah Nuclear Plant	Repair Organization P.O. No Job No etc. Type Code Symbol Stamp N/A
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
Address	Expiration Date N/A
4. Identification of system T2CS, CLAS	s 2
	77 Edition, 579 Addenda, Ma Code Case
(b) Applicable Edition of Section XI Utilized for Repairs	or Replacements 1989

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)
2-FSV-68-394	TARENET	16	281	NA	(981	REPHIRGE	YES
· · · · · · · · · · · · · · · · · · ·							
		······································					
	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·					

7. Description of Work REINSTALLED BODY-TO-BORING SEAL LED TELLOWING MAINTENANCE.

8. Tests Conducted: Hydrostatic
Pneumatic
/Nominal Operating Pressure
Other
Pressure
Pressu

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

159 OF 201

9. Remarks Applicable Manufacturer's Data Reports to be Attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this RepATZ conforms to the repair or replacement
rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA
Certificate of Authorization No. <u>NA</u> Expiration Date <u>NA</u> Signed KUURM, <u>MECHENGR</u> Date <u>IANOIENBER</u> 2000
Owner or Subesignee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u>
of Hartford, Connecticut have inspected the components described in this
Owner's Report during the period $(6/7/00)$ to $(1/30/00)$ 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.
Mochaoc Commissions Commissions
Inspector's Signature Commissions
Date November 30, 2000
/

160 of 201

1. Owner	Tennessee Valley Authority	Date 11/21/00
1101 Ma	_{Name} arket Street, Chattanooga, TN 37402-2801	Sheet 55 of 61
2. Plant	Address Sequoyah Nuclear Plant	Unit Z
P. O. Bo	_{Name} ox 2000, Soddy-Daisy, TN, 37384-2000	Wo# 99-008973-000
3. Work Pe	Address rformed by Sequoyah Nuclear Plant	Repair Organization P.O. No Job No etc. Type Code Symbol Stamp N/A
P. O. B	Name ox 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
	Address	Expiration Date N/A
4. Identifica	tion of system MAIN STEAM, C	CLASS 2
5. (a) Appli	cable Construction Code FEINARES 19	A Edition, NA Addenda, NA Code Case
(b) Appli	cable Edition of Section XI Utilized for Repair	s or Replacements 1989

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)
2-FCV-1-22	ATWODA MOREILL	7-375	NA	NA	2000	REPHIRCO	zlo
						AND REPLACED	
		-					
	<u> </u>						

7. Description of Work <u>REPAIRED</u> BODY AND BONNET GASKET SCATING SULFACES BY MENDING AND MACHINING. REPACED BONNET 8. Tests Conducted: Hydrostatic Deneumatic Dominal Operating Pressure DESTING

Other D Pressure _____ psi Test Temp _____ °F

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

	FORM NIS-2 (Back))	
9. Remarks	(CODE: T	DIZAFTASME	CODE FOR
S. Remarks	ble Manufacturer's Data Reports to	ce Attached	
PUMPS AND VALVES	NOVEMBER	1968 AND	MARCH
1970 ADDONDA.			

CERTIFICATE OF COMPLIANCE REPARE AND
We certify that the statements made in the report are correct and this REPACEMENT conforms to the repair or replacement
rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA
Certificate of Authorization No. NA Expiration Date NA
Signed CHURM, MECH FNGE Date 6 DECEMBER 2000
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u>
of _Hartford, Connecticut have inspected the components described in this
Owner's Report during the period $10/30/00$ to $13/12/00$ 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.
damage of a loss of any kind drising norm of connected mar and
m/1 / T1/2/21
Inspector's Signature Commissions 71/34/3/ National Board, State, Province, and Endorsements
Inspector's Signature National Board, State, Province, and Endorsements

Date <u>December 12</u> 2000

162 of 201

1. Owner Tennessee Valley Authority	Date 12/6/00
^{Name} 1101 Market Street, Chattanooga, TN 37402-2801	Sheet 56 of 6
Address 2. Plant Sequoyah Nuclear Plant	Unit 2
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	WD# 99-01170B-000
Address 3. Work Performed by Sequoyah Nuclear Plant	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
Address	Expiration Date N/A
4. Identification of system	1
5. (a) Applicable Construction Code ASME 19	74 Edition, 574 Addenda, A Code Case
(b) Applicable Edition of Section XI Utilized for Repairs	

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)
RCP#4	WESTING- HOUSE	2187	rla	NA	2000	RepLACED	YES
		2184	rla	NA	2000	REPLACED REPLACE MENT	Yes
		,* *					

CARTRIDGE SEAL ASSE 7. Description of Work

163 of 201

ASSOCIATED BOLTING. ND 8. Tests Conducted: Hydrostatic D Pneumatic D Nominal Operating Pressure Other D Pressure _____ psi Test Temp ___ °F

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

9. Remarks Applicable Manufacturer's Data Reports to be Attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>Pour ceneral</u> conforms to the repair or replacement
rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA
Certificate of Authorization No. NA Expiration Date NA
Signed Kulleron, MECHENGR Date 6 DECEMBER 2000
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 Insp & Ins Co.</u> of <u>Hartford, Connecticut</u> have inspected the components described in this
Owner's Report during the period $10/36/00$ to $12/13/00$ 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.
Commissions <u>7/1/3//3/</u> Inspector's Signature Commissions <u>7/1/3/3/</u> National Board, State, Province, and Endorsements
Date <u>December 12</u> , 2000

1. Owner Tennessee Valley Authority	Date 12/6/00
Name 1101 Market Street, Chattanooga, TN 37402-2801	Sheet 57 of GI
Address 2. Plant Sequoyah Nuclear Plant	Unit 2
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	W0 # 99-011709-000
Address 3. Work Performed by Sequoyah Nuclear Plant	Repair Organization P.O. No Job No etc. Type Code Symbol Stamp N/A
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
Address	Expiration Date N/A
4. Identification of system <u>PCS</u> , <u>CLASS</u>	1
5. (a) Applicable Construction Code Sect TH 19	74 Edition, 574 Addenda, A Code Case
(b) Applicable Edition of Section XI Utilized for Repair	s or Replacements 1989

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)
PCP# 2	WESTING- HOUSE	2016	NA	NG	2000	REPLACED	YES
		21897	No	NA	2000	REPLACED REPLACE MENT	YES
	·						

7. Description of Work RECLACED ARTRIDGE SEAL ASSEMBLY AND ASSOCIATED BOLTINE.

165 OF 201

8. Tests Conducted: Hydrostatic D Pneumatic Nominal Operating Pressure Other D Pressure _____ psi Test Temp ____ °F

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

9. Remarks
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this $\frac{PepLACEMENT}{repair}$ conforms to the
rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA
Certificate of Authorization No. NA Expiration Date NA
Signed Killiffor, MECHENGE Date 6 DECEMBER 2000
Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins C</u>
of <u>Hartford</u> , <u>Connecticut</u> have inspected the components described in this
Owner's Report during the period $6/16/00$ to $12/12/00$ 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.
described in this Owner's Report in accordance with the requirements of the viewal every expressed or implied.
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.
Λ
Mochup Commissions TN 3431
Inspector's Signature CommissionsNational Board, State, Province, and Endorsemen
Date <u>December</u> 12, 2000
166 of 201

1. Owner Tennessee Valley Authority	Date (1/10/00
Name 1101 Market Street, Chattanooga, TN 37402-2801	Sheet 58 of 61
Address 2. Plant Sequoyah Nuclear Plant	Unit Z
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	WO# 99-012099-000
Address 3. Work Performed by Sequoyah Nuclear Plant	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
Address	Expiration Date N/A
4. Identification of system RHR CLASS	, 2
5. (a) Applicable Construction Code <u>Remarks</u> 19 (b) Applicable Edition of Section XI Utilized for Repair	

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)
2.74-505	CROSBY	RV-1- 8708 RV-2- 8708	NO	NA	2000	REPLACE	NO
		RY-2- 8708	No	Na	2000	REPLACE	No

REPLACED RELEF VALUE 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 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

167 OF 201

9. Remarks CONSTRUCTION CODE: CONTRACT 91934
AND WESTINGHOUSE E-SPEC 678758 AND 676257.
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this Reput CEMENT conforms to the repair or replacement rules of the ASME Code, Section XI.
Type Code Symbol Stamp NA
Certificate of Authorization No. <u>NA</u> Expiration Date <u>NA</u>
Signed <u>KULUESA</u> MECH GAGE Date <u>10 NovGMBGE 2000</u> Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
and employed by Hartford Steam Boiler Insp & Ins Co
Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Series mer gene</u>
Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u> of <u>Hartford, Connecticut</u> have inspected the components described in this
of <u>Hartford</u> , <u>Connecticut</u> have inspected the components described in this
of <u>Hartford</u> , <u>Connecticut</u> have inspected the components described in this Owner's Report during the period $\frac{10/a/\infty}{10/a/\infty}$ to $\frac{11/30/\infty}{10/a/\infty}$ and state that to the
of <u>Hartford</u> , <u>Connecticut</u> have inspected the components described in this Owner's Report during the period <u>$\frac{10}{a}/cc$</u> to <u>$\frac{11}{30}/cc$ and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures</u>
of <u>Hartford</u> , <u>Connecticut</u> have inspected the components described in this Owner's Report during the period <u>$10/2/00$</u> to <u>$11/30/00$</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.
of <u>Hartford</u> , <u>Connecticut</u> have inspected the components described in this Owner's Report during the period <u>$10/a/coc$ to <u>$11/30/coc$ 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,</u></u>
of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>$10/a/ccccccccccccccccccccccccccccccccccc$</u>
of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>$10/2/00$</u> to <u>$11/30/00$</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
of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>$10/a/ccccccccccccccccccccccccccccccccccc$</u>
of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>$10/a/co}$</u> to <u>$11/30/cx$</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.
of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>$10/2/00$</u> to <u>$11/30/00$</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

1. Owner Tennessee Valley Authority	Date /1/13/00
Name 1101 Market Street, Chattanooga, TN 37402-28	01 Sheet 59 of 61
Address 2. Plant Sequoyah Nuclear Plant	Unit 2
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	WU# 99-012111-000
Address 3. Work Performed by Sequoyah Nuclear Plant	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
Address	Expiration Date N/A
	ECTION, CLASS 2
5. (a) Applicable Construction Code REMARKS	19 No Edition, AA Addenda, A Code Case
(b) Applicable Edition of Section XI Utilized for R	epairs or Replacements 1989

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)
2-63-626	CROSBY	N-69971- 01-0002	NA-	NA	2000	Repuices	No
		RV-1- 8856B	NA	No	200	REPLACE- NENT	No

······································							
and a second							
		LI	, ,		L	L	

7. Description of Work PEPLACED VACYE

- 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 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

169 of 201

FORM NIS-2 (Back) 9. Remarks CONSTRUCTION CODE: CONTRACT 91934 AND DECS 678758 AND 676257. WESTINGHOUSE CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this KEPLACEMENT conforms to the repair or replacement rules of the ASME Code, Section XI. Type Code Symbol Stamp NA Expiration Date NA Certificate of Authorization No. NA INGMBER 2000 WGR Date ECT Signed 8 Owner or Øwner's Designee, CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u> have inspected the components described in this of Hartford, Connecticut and state that to the 2125 '00 Owner's Report during the period to 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. Commissions $_7N32$ National Board, State, Province, and Endorsements Inspector's Signature Date November 30, 2000

·	
1. Owner Tennessee Valley Authority	Date ////3/00
Name 1101 Market Street, Chattanooga, TN 37402-2801	Sheet 60 of 61
Address 2. Plant Sequoyah Nuclear Plant	Unit Z
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	WO# 99-012/12-000
Address 3. Work Performed by Sequoyah Nuclear Plant	Repair Organization P.O. No Job No etc. Type Code Symbol Stamp N/A
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
Address	Expiration Date N/A
4. Identification of system CVCS, CLASS 2	
5. (a) Applicable Construction Code SEE 19	Addenda, Addenda, Code Case
(b) Applicable Edition of Section XI Utilized for Repairs	or Replacements 1989

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)
262649	CROSBY	RV-1- B123	NA	16	2000	REGLACED	the
		RV-2- 8123	NA	Na	7000	REPLACE- MG-17	NO
				· · · · · · · · · · · · · · · · · · ·			
				······			
L		ـــــــــــــــــــــــــــــــــــــ	l,	L	L		

KEPLACED VALVE 7. Description of Work

8. Tests Conducted: Hydrostatic
Pneumatic
Nominal Operating Pressure
Other
Pressure psi Test Temp
F

171 AE 201

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

FORM NIS-2 (Back) 9. Remarks CONSTILUCTION CODE: CONTRACT 91934 WESTINGHOUSE E-SPEC 673758 AND 676257.

CERTIFICATE OF COMPLIANCE				
We certify that the statements made in the report are correct and this <u>RepLACEMENT</u> conforms to the repair or replacement				
rules of the ASME Code, Section XI.				
Type Code Symbol Stamp NA				
Certificate of Authorization No. NA Expiration Date NA				
Signed Alla Son, MECHENGR Date 13 NOVEMBER 2000				
Owner op Owner's Designee, The				
CERTIFICATE OF INSERVICE INSPECTION				
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel				
Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u>				
of <u>Hartford</u> , <u>Connecticut</u> have inspected the components described in this				
(a a) and state that to the				

Owner's Report during the period ______ IO/2/00_____ to _____ to _____ II/30/00_____ 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.

Commissions <u>TN343</u> Inspector's Signature National Board, State, Province, and Endorsements

Date November 30, 2000

172 of 201

1. Owner Tennessee Valley Authority	Date (1/8/00
Name 1101 Market Street, Chattanooga, TN 37402-2801	Sheet 6/ of 6/
Address 2. Plant Sequoyah Nuclear Plant	Unit 2
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	W0#99-012/13-000
Address 3. Work Performed by Sequoyah Nuclear Plant	Repair Organization P.O. No., Job No., etc. Type Code Symbol Stamp N/A
Name P. O. Box 2000, Soddy-Daisy, TN, 37384-2000	Authorization No N/A
Address	Expiration Date N/A
4. Identification of system <u>CVCS</u> , <u>CLASS</u>	
5. (a) Applicable Construction Code Remarks 19	9 NoEdition, NA Addenda, NA Code Case
(b) Applicable Edition of Section XI Utilized for Repair	irs or Replacements 1989

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)
2-62-675	GOSBY	RV-1- 8119	NA	NA	2000	REPLACED	No
		RV-2- 8119	NA	NB	1000	REPLACED REPLACE MENT	No
		· · · · · · · ·					

REVLACED RELIEF VALVE WITH A SPACE. 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 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

9. Remarks CONSTRUCTION CODE: CONTRACT 91934 AND Applicable Manufacturers Lata Reports to be Attached WESTINGHOUSE E-SPEC 678758 AND 676257

CERTIFICATE OF COMPLIANCE				
We certify that the statements made in the report are correct and this <u>Epuacement</u> conforms to the repair or replacement rules of the ASME Code, Section XI.				
Type Code Symbol Stamp NA				
Certificate of Authorization No. <u>NA</u> Expiration Date <u>NA</u> Signed <u>NUMPAN</u> <u>MEGH GAGE</u> Date <u>10 NOIGNB62</u> 2000 Owner or Owner's Designee, Title				
CERTIFICATE OF INSERVICE INSPECTION				
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Tennessee</u> and employed by <u>Hartford Steam Boiler Insp & Ins Co.</u> of <u>Hartford, Connecticut</u> have inspected the components described in this Owner's Report during the period <u>10/2/00</u> to <u>11/29/00</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.				
Inspector's Signature Commissions 77/3431 National Board, State, Province, and Endorsements				

Date November, 29, 2000

174 OF 201

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

UNIT : TWO

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

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

APPENDIX C

PRESSURE TEST REPORT

The inspection plan work required for the second outage of the second period of the second interval for Code Category B-P, Code Category C-H, Code Category D-A, Item number D1.10; Code Category D-B, Item number D2.10; and Code Category D-C, Item number D3.10 is on schedule. The following table is a tabulation of pressure test, results of pressure test and corrective measures taken.

PREPARED BY

175 nº 201

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

UNIT : TWO

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

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

System Pressure Tests Unit 2 Cycle 10 Second Period of the Second Interval

System	Test	Performance	Test
• · ·	Package	Date	Results
· ·	ID		Results
CVCS outside containment	P4180	6/7/00	No leakage identified
Excess Letdown	P4180	10/22/00	No leakage identified
SIS CLA's and associated piping	P4180	11/12/00	No leakage identified
RCS system leakage	P4197	11/12/00	No leakage identified
Sampling	P6245	11/12/00	No leakage identified
ERCW inside containment	P4180	10/23/00	No leakage identified
Containment Perietrations	P4180	11/8/00	No leakage identified
Floor Drains	P4180	11/4/00	No leakage identified
Glycol & Demin Water Containment Penetrations	P4180	11/8/00	No leakage identified
SPFPC Containment Penetrations	P4180	10/30/00	No leakage identified
ECCS Hot Leg and Cold Injection	P4180	10/27/00	No leakage identified
ECCS relief valve header	P3617	11/1/00	No leakage identified
CCS inside containment	P4180	10/22/00	No leakage identified
Main Steam and SG8D	P4180	11/12/00	Minor bonnet leak at 2-PCV-1-23 *
TDAFW Pump steam supply and exhaust. TDAFW supply and discharge	P4180	11/12/00	No leakage identified
FW and AFW outside containment	P4180	11/20/00	No leakage identified
CSS A Train	P4180	6/14/00	Minor flange leakage at 2-FCV-72-22, 2VLV-72-506, and 2- STN-72-33*
CSS B Train	P4180	6/21/00	Minor flange leakage at 2-VLV-72-507 and 2-STN-72-16*
RHR A Train	P4180	11/2/00	Minor flange leakage at 2-VLV-74-520, 2-VLV-74-514, 2-VLV-74-530, and 2-FT-63-92A.*
RHR B Train	P4180	11/6/00	No leakage identified
RHR Hot Leg Injection	P4180	10/23/00	No leakage identified
CCP A Train suction and discharge piping	P4180	7/11/00	Minor flange leakage at 2-VLV-62-509.*
SIS A Train Pump Room Piping	P4180	7/10/00	No leakage identified.

*The leakage and associated components were evaluated and found acceptable for continued service.

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

UNIT: TWO

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

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

APPENDIX D

IWE METAL CONTAINMENT EVALUATIONS

The following are the evaluations performed for containment examinations performed during U2C10 for inaccessible areas and additional examinations in accordance with 10CFR 50.55a(b)(2)(x) for Class MC components.

Jeffy (1 oula PREPARED BY

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

UNIT : TWO

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

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

SUMMARY OF IWE METAL CONTAINMENT EVALUATIONS

The Unit 2 Cycle 10 Inservice Inspection of Class MC components included a total of five Notification of Indications (NOIs) for IWE Metal Containment evaluations. The following is a index of the NOIs for the evaluations that require reporting per 10CFR 50.55a(b)(2)(x).

170 AF 201

PLANT : SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000

UNIT : TWO

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

CERTIFICATE OF AUTHORIZATION : NOT REQUIRED

SUMMARY : IWE NOTIFICATION OF INDICATIONS

NOI NUMBER	COMPONENT IDENTIFIER		
2-SQ-346	MB-1, MB-2 and MB-3 (SCV surface 12" above and		
	6" inches below)		
DISPOSITION: Cleaned and repainted areas			
2-SQ-347	MB-2 and MB-3		
DISPOSITION: Replaced all the moisture barrier.			
2-SQ-348	SCV-1, 2, 3, and 4 (G-J)		
DISPOSITION: Cleaned and re	epainted areas		
2-SQ-353	X-001-BLT		
DISPOSITION: Replaced one bolt.			
2-SQ-354	SCV-1 (D at 57° and 75°)		
	SCV-2 (D at 104°)		
	SCV-1 (E at 64°, 66°, 74°, and 77°)		
	SCV-2 (E at 104°)		
DISPOSITION: Cleaned and repainted areas.			

179 of 201

NOTIFICATION OF INDICATION FORM

NOI No. <u>2-SQ-346</u> P	lant/Unit <u>SQN2</u>	PART I - FINDING ISI Dwg./Sh. No.	GS CISI-2000-C-59
Examination Report No.	SCV-0142 SCV-0143 SCV-0148	Component ID	MB-1, MB-2 and MB-3(SVC surface 12" above and 6" below)
Description of Indication (See attached sheets	Sketch/Photograph	if Required for Clari	fication):
-	miner/Certification 1 Coordinator (Field Program Owner:		15 (aulon 7/ 1Date: 10/26/00 195 to acle 1Date: 10/26/00 194/1 Aoular 1Date: 10/27/00
Re-coated wall at the mois with EDC E 20286A, insp			TION /replace moisture barrier in accordance ttached.
Administrative control doc	ument number (PE	R, WR/WO) if appli	cable: WO 98-008274-003
ASME XI Subsection IWE		of Page 2 of Page 1. If N	Olete the supplemental information Parts II and III this form in addition to Parts II, III, and IV, of lo, completion of Parts II and III of Page 2 of not required and attachment of Page 2 with Page lired. Org. <u>Eu-nec</u> y Date: <u>Horfstron</u> Ra
Disposition Prepared/Rec		- Udan	
Additional Sample Requir		- ADDITIONAL EX	AMINATIONS Page 2 of 2 additional Yes No samples attached?
(Attach list of items in add	litional sample, if ye		ISI or CISI Program Owner Date
Successive Examination	Required:	Yes X No	Asl of CISI Program Owner Date
Reexamination Report nu Signature of		- VERIFICATION (SCV-0144, SCV	OF CLOSURE V-0145r and SCV-0149 All Date: 11/6/00
Finding resulted from performation	ormance of the Ger	☐ Yes	No If Yes, concurrence of the Registered Professional Engineer (RPE) or Individual Responsible for performance is required (N/A otherwise):
Comments:		۲۲ 	E/Responsible Engineer Date
Verification of Complete C Signature of IS Owner:	Corrective Action Re I or CISI Program		on (Including Page 2 , if applicable) Date: 11/6/0
Contor.	·		

IRN OF ZOI

PAGE 4 OF 4 of Report SCV-0142 NOI# 2-SQ-346

UNIT 2 MB-2 EXAMINATION

INBOARD AREAS OF STEEL CONTAINMENT VESSEL CORROSION

Component	Area of Reportable	Length/Size	Description of Reportable	Report No.
ID	Condition	of Area	Condition	
MB-2	184' - 248'	64'	General oxidation & Rust	SCV-0142
Azimuth	184' - 195'	11'	Minor Pitting < .125"	SCV-0142
175°-254° &	200' - 210'	_ 10'	Minor Pitting < .125"	SCV-0142
267° -303°	204'0" - 204'2"	2"	Pit 0.140" in depth	SCV-0142
	210' to 215'	5'	General oxidation & Rust	SCV-0142
	215' to 225'	10'	Minor Pitting Max. Depth	SCV-0142
	230'	1"	Isolated Pit < .125" in	SCV-0142
			Depth	
	225' - 230'	5'	Minor Pitting < .125"	SCV-0142
	230'0 - 254'	24'	General oxidation & Rust	SCV-0142
	267'0 - 303'	36'	General oxidation & Rust	SCV-0142
	267'0 - 267' 2.25"	2.25"	Minor Pitting < .125"	SCV-0142
	268'5" - 269'	6"	Minor Pitting < .125"	SCV-0142
	273'6" - 273' 8.25"	2.25"	Minor Pitting < .125"	SCV-0142
	280'10" - 281' 1"	3"	Minor Pitting < .125"	SCV-0142
			· · · · · · · · · · · · · · · · · · ·	

Norm Sinjaho EXAMINED BY: LEVEL: 111

101 - 7-

PAGE 5 OF 5 of Report SCV-0143 NOI# 2-SQ-346

UNIT⁻2 MB-3 EXAMINATION

INBOARD AREAS OF STEEL CONTAINMENT VESSEL CORROSION

Component	Area of Reportable	Length/Size	Description of Reportable	Report No.
ID	Condition	of Area	Condition	
MB-3	303' - 335'	32'	General oxidation & Rust	SCV-0143
Azimuth	332' - 333' 6"	18"	Minor Pitting < .125"	SCV-0143
303° - 60°				· · · · · · · · · · · · · · · · · · ·
	335'6" - 336'	6"	Line of Minor Corrosion	SCV-0143
	336'0"	- 2"	Pit < 0.125" in depth	SCV-0143
	337' to 338'	1'	Line of Minor Corrosion	SCV-0143
	346' to 347'	1'	Line of Minor Corrosion	SCV-0143
	349' to 360	21'	Line of Minor Corrosion	SCV-0143
	335' - 360'	25'	General Corrosion < 1/32"	SCV-0143
	0'0 - 1'	1'	Line of Minor Corrosion	SCV-0143
	2'0 - 22'	20'	Line of Minor Corrosion	SCV-0143
	30'0 - 37'	7'	Line of Minor Corrosion	SCV-0143
	59' 6"	4"	Minor Pitting < .125"	SCV-0143
	41'	4"	Minor Pitting < .125"	SCV-0143
	48'	4"	Minor Pitting < .125"	SCV-0143
	50'	6"	Minor Pitting < .125"	SCV-0143
•	37' to 56' 6"	19' 6"	General oxidation & Rust	SCV-0143

D. r. M- Caurles EXAMINED BY: -1/-LEVEL:

lorm Siniaho LEVEL: TIL EXAMINED BY:

PAGE 3 0F 3 of Report SCV-0148 NOI# 2-SQ-346

UNIT 2 MB-1 EXAMINATION

INBOARD AREAS OF STEEL CONTAINMENT VESSEL CORROSION

Component	Area of Reportable	Length/Size	Description of Reportable	Report No.
ID	Condition	of Area	Condition	
MB-1	114' - 175'	61'	General oxidation & Rust	SCV-0148
Azimuth	172' - 172'6"	6"	Minor Pitting < .125"	SCV-0148
60° -175°	156' - 156'3"	3"	Minor Pitting < .125"	SCV-0148
	170' - 170'3"	3"	Minor Pitting < .125"	SCV-0148
	83' to 83'2"	2"	Minor Pitting < .062"	SCV-0148
	89'6"	1.5" Dia.	Minor wear	SCV-0148
	101' - 101'4"	4"	Minor Pitting < .062"	SCV-0148
	102' - 102'6"	6"	Minor_Pitting < .062"	SCV-0148
	109'6" - 110	6"	Minor Pitting < .062"	SCV-0148
	· · · · · · · · · · · · · · · · · · ·			

EXAMINED BY LEVEL:

183 OF 201

NOI No. 2-SQ-346

Plant/Unit SQN / UNIT 2

Examination Report No.

<u>SCV-0142</u> <u>SCV-0143</u> SCV-0148 Component ID M

D MB-1(60° -175°) MB-2 (175°-254° & 267° -303°) and MB-3 (303°)

-360°&0°`-60°`

(SCV surface 12" above and 6" below)

PART II - DISPOSITION (Attachment to Page 1of 2) continued

This NOI documents the indications noted during the VT-3 visual examination of the SCV interior surface in the vicinity of the moisture barrier at the interface of the SCV and raceway floor. This inspection was a result of a VT-3 visual examination of the moisture barrier integrity and is documented under NOI 2-SQ-347. The examination results identified degradation of the seal at various locations as noted in the examination report for NOI 2-SQ-347 (the seal was not adhered to the concrete and SCV interface). After removal of the moisture barrier the accessible areas adjacent to and beneath the moisture barrier were identified as having coating degradation. A VT-3 visual examination identified conditions consisting of mild uniform corrosion, discoloration and minor pitting below the floor surface. There was one area at 273° 30' azimuth where the SCV wall thickness was slightly reduced due to corrosion mechanisms (ref. PER 00-08217-000), however ultrasonic thickness readings verified that there was no significant wall loss in this location (ref. Calc# SCG-CSG-88-091 and PER SQ981102PER). All areas were evaluated by engineering after surface cleaning or preparation.

All the moisture barrier was removed and the SCV surface was examined in accordance with the requirements of Table IWE-2500-1 Examination Category E-A and (IWE-2500(b)). The examination was performed from 12 inches above the floor to 6 inches below the floor interface. There was mild uniform corrosion, minor pitting and discoloration of the coating below the floor surface, with one suspect area at 273° 30' azimuth. There were no detrimental flaws or significant degradation of the SCV liner noted during the inspection.

All the existing moisture barrier along with the fiberglass filler in the crevice (6 inches below the surface) was removed and replaced with a polyurethane elastomeric material. This polyurethane elastometric material will serve to fill the crevice area, act as the protective coating for the SCV, and provide a leak tight barrier. While the moisture barrier was removed a VT-3 examination was performed from 12 inches above the moisture barrier to 6 inches below the moisture barrier. This area is normally inaccessible due to the stainless steel flashing, insulation, and moisture barrier material (refer to drawing CISI-2000-C-59). There was one area at 273° 30' azimuth where the corrosion appeared to reduce the SCV wall thickness. This suspect area was located in the crevice 1.25 inches below the moisture barrier seal area. The area was cleaned and an ultrasonic examination performed to determine remaining SCV wall thickness (for the UT results refer to Report BOP-1058). The ultrasonic thickness readings verified that there was no significant wall loss in this location. To ensure that no further reduction in wall loss would occur in this area the SCV was coated and polyurethane elastomeric subsequently applied which also serves as the coating for SCV surface within the crevice area (6 inches below the floor level). The moisture barrier seal was replaced in accordance with EDC E20286A, re-examined and determined acceptable under VT-3 requirements.

Based on the information above, these SCV areas are not considered suspect and do not impact the structural integrity or leak tightness of the SCV. The SCV area is acceptable for continued service, and no further corrective

184 of 201

Disposition Prepared By:

action is required.

V: Jack Adams

Org. M/N

Date: 11/1/00



	2-SQ-346	<u></u>	Plant/Unit SQN / UN	UT 2	
Examinatior	n Report No.	<u>SCV-0142</u> <u>SCV-0143</u> <u>SCV-0148</u>	Component ID	MB-1 (60°-175°) MB-2 (175°-254° & 267°-303°) and MB-3 (303° -360°&0°-60°)	(SCV surface 12 above and 6" below)
		PART II - DISP	OSITION (Supplemental Info	ormation)	
(Include (1) degradation	A description ; (2) An evalu	of the type and esti ation of each area,	y 10CFR50.55a(b)(2)(ix)(A) mated extent of degradation, a and the result of the evaluatio uation sheets may be attached	on; and (3) A descri	at led to the ption of necessary
(SEE ATTA	CHED)				
					<i>(</i>
			·		
<u></u> .		• . 			
	Action Program WO) if applical		Control document number	WO 98-008274-003	
Disposition	Prepared By:	Jack Adams	Org. M/N		Date <u>11/1/00</u>
			Olg. Initi		
Diopodition			EXAMINATIONS (Supplem		
Additional e If Yes, prov that led to t to verity tha corrective a	PAR examinations re ide (1) A desc he degradation t similar degra ctions; and (4	T III - ADDITIONAL equired per 10CFR5 ription of each flaw ; (2) The acceptat dation does not exis) The number and	<u> </u>	ental Information) ON Of degradation, and the need for addition A description of the sto ensure detection	ne conditions nal examinations necessary n of similar
Additional e If Yes, prov that led to t to verity tha corrective a degradatior	PAR examinations re ide (1) A desc he degradation t similar degra ctions; and (4 i in similar com	T III - ADDITIONAL equired per 10CFR5 ription of each flaw ; (2) The acceptat dation does not exis) The number and	EXAMINATIONS (Supplem 0.55a(b)(2)(ix)(D) or area, including the extent o illity of each flaw or area, and st in similar components; (3) type of additional examination	ental Information) ON Of degradation, and the need for addition A description of the sto ensure detection	ne conditions nal examinations necessary n of similar
Additional e If Yes, prov that led to t to verity tha corrective a	PAR examinations re ide (1) A desc he degradation t similar degra ctions; and (4 i in similar com	T III - ADDITIONAL equired per 10CFR5 ription of each flaw ; (2) The acceptat dation does not exis) The number and	EXAMINATIONS (Supplem 0.55a(b)(2)(ix)(D) or area, including the extent o illity of each flaw or area, and st in similar components; (3) type of additional examination	ental Information) ON Of degradation, and the need for addition A description of the sto ensure detection	ne conditions nal examinations necessary n of similar
Additional e If Yes, prov that led to t to verity tha corrective a degradatior	PAR examinations re ide (1) A desc he degradation t similar degra ctions; and (4 i in similar com	T III - ADDITIONAL equired per 10CFR5 ription of each flaw ; (2) The acceptat dation does not exis) The number and	EXAMINATIONS (Supplem 0.55a(b)(2)(ix)(D) or area, including the extent o illity of each flaw or area, and st in similar components; (3) type of additional examination	ental Information) ON Of degradation, and the need for addition A description of the sto ensure detection	ne conditions nal examinations necessary n of similar
Additional e If Yes, prov that led to t to verity tha corrective a degradatior	PAR examinations re ide (1) A desc he degradation t similar degra ctions; and (4 i in similar com	T III - ADDITIONAL equired per 10CFR5 ription of each flaw ; (2) The acceptat dation does not exis) The number and	EXAMINATIONS (Supplem 0.55a(b)(2)(ix)(D) or area, including the extent o illity of each flaw or area, and st in similar components; (3) type of additional examination	ental Information) ON Of degradation, and the need for addition A description of the sto ensure detection	ne conditions nal examinations necessary n of similar
Additional e If Yes, prov that led to t to verity tha corrective a degradatior	PAR examinations re ide (1) A desc he degradation t similar degra ctions; and (4 i in similar com	T III - ADDITIONAL equired per 10CFR5 ription of each flaw ; (2) The acceptat dation does not exis) The number and	EXAMINATIONS (Supplem 0.55a(b)(2)(ix)(D) or area, including the extent o illity of each flaw or area, and st in similar components; (3) type of additional examination	ental Information) ON Of degradation, and the need for addition A description of the sto ensure detection	ne conditions nal examinations necessary n of similar
Additional e If Yes, prov that led to t to verity tha corrective a degradatior	PAR examinations re ide (1) A desc he degradation t similar degra ctions; and (4 i in similar com ACHED)	T III - ADDITIONAL equired per 10CFR5 ription of each flaw (2) The acceptat dation does not exis) The number and ponents [additiona	EXAMINATIONS (Supplem 0.55a(b)(2)(ix)(D) or area, including the extent o illity of each flaw or area, and st in similar components; (3) type of additional examination	ental Information) No f degradation, and th the need for addition A description of the is to ensure detection may be attached, as	ne conditions nal examinations necessary n of similar
Additional e If Yes, prov that led to t to verity tha corrective a degradation (SEE ATTA	PAR examinations re ide (1) A desc he degradation t similar degra ctions; and (4 i in similar com ACHED)	T III - ADDITIONAL equired per 10CFR5 ription of each flaw (2) The acceptat dation does not exis) The number and ponents [additiona	EXAMINATIONS (Supplem 0.55a(b)(2)(ix)(D) or area, including the extent of ility of each flaw or area, and st in similar components; (3) type of additional examination separate continuation sheets	ental Information) No f degradation, and th the need for addition A description of the is to ensure detection may be attached, as	ne conditions nal examinations necessary of similar s necessary].
Additional e If Yes, prov that led to t to verity tha corrective a degradation (SEE ATTA	PAR examinations re ide (1) A desc he degradation t similar degra ctions; and (4 i in similar com ACHED)	T III - ADDITIONAL equired per 10CFR5 ription of each flaw (2) The acceptat dation does not exis) The number and ponents [additiona	EXAMINATIONS (Supplem 0.55a(b)(2)(ix)(D) or area, including the extent of ility of each flaw or area, and st in similar components; (3) type of additional examination separate continuation sheets	ental Information) No f degradation, and th the need for addition A description of the is to ensure detection may be attached, as	ne conditions nal examinations necessary of similar s necessary].

.

SPP-9.1-2 [10-04-2000]

•--

NOI No. 2-SQ-346

Plant/Unit SQN / UNIT 2

Examination Report No.

SCV-0142 SCV-0143 SCV-0148 Component ID MB-1 (60° -175°) MB-2 (175°-254° & 267° -303°) and MB-3 (303° -360° & 0° -60°) (SCV surface 12" above and 6" below)

PART II - DISPOSITION (Attachment to Page 2 of 2) continued

This NOI documents the indications noted during the VT-3 visual examination of the SCV interior surface in the vicinity of the moisture barrier at the interface of the SCV and raceway floor. This inspection was a result of a VT-3 visual examination of the moisture barrier integrity and is documented under NOI 2-SQ-347. The examination results identified degradation of the seal at various locations as noted in the examination report for NOI 2-SQ-347 (the seal was not adhered to the concrete and SCV interface). After removal of the moisture barrier the accessible areas adjacent to and beneath the moisture barrier were identified as having coating degradation. A VT-3 visual examination was performed prior to surface preparation to satisfy the requirements of IWE-2500(b). The examination identified conditions consisting of mild uniform corrosion, discoloration and minor pitting below the floor surface. There was one area at 273° 30' azimuth where the SCV wall thickness was slightly reduced due to corrosion mechanisms (ref. PER 00-08217-000), however ultrasonic thickness readings verified that there was no significant wall loss in this location (ref. Calc# SCG-CSG-88-091 and PER SQ981102PER). All areas were evaluated by engineering after surface cleaning or preparation.

All the moisture barrier was removed and the SCV surface was examined in accordance with the requirements of Table IWE-2500-1 Examination Category E-A and (IWE-2500(b)). The examination was performed from 12 inches above the floor to 6 inches below the floor interface. There was mild uniform corrosion, minor pitting and discoloration of the coating below the floor surface, with one suspect area at 273 ° 30' azimuth. There were no detrimental flaws or significant degradation of the SCV liner noted during the inspection.

All the existing moisture barrier along with the fiberglass filler in the crevice (6 inches below the surface) was removed and replaced with a polyurethane elastomeric material. This polyurethane elastometric material will serve to fill the crevice area, act as the protective coating for the SCV, and provide a leak tight barrier. While the moisture barrier was removed a VT-3 examination was performed from 12 inches above the moisture barrier to 6 inches below the moisture barrier. This area is normally inaccessible due to the stainless steel flashing, insulation, and moisture barrier material (refer to drawing CISI-2000-C-59). There was one area at 273° 30' azimuth where the corrosion appeared to reduce the SCV wall thickness. This suspect area was located in the crevice 1.25 inches below the moisture barrier seal area. The area was cleaned and an ultrasonic examination performed to determine remaining SCV wall thickness (for the UT results refer to Report BOP-1058). The ultrasonic thickness readings verified that there was no significant wall loss in this location. To ensure that no further reduction in wall loss would occur in this area the SCV was coated and polyurethane elastomeric subsequently applied which also serves as the coating for SCV surface within the crevice area (6 inches below the floor level). The moisture barrier seal was replaced in accordance with EDC E20286A, re-examined and determined acceptable under VT-3 requirements.

Based on the information above, these SCV areas are not considered suspect and do not impact the structural integrity or leak tightness of the SCV. Therefore, there is no indication that an adverse condition exists in the area examined or that an adverse condition would be present in inaccessible areas.

Disposition Prepared By:

Jack Adams 92a

Org. M/N

Date: 11/1/00

106 AC 20

NOI No. 2-SQ-346

Plant/Unit SQN / UNIT 2

Examination Report No.

<u>SCV-0142</u> SCV-0143

Component ID MB-1 (60° -175°) MB-2 (175°-254° & 267° -303°)

and MB-3 (303° - 360° & 0° -60°)

(SCV surface 12" above and 6" below)

PART III- ADDITIONAL EXAMINATIONS (Attachment to Page 2of 2) continued

This NOI documents the indications noted during the VT-3 visual examination of the SCV interior surface in the vicinity of the moisture barrier at the interface of the SCV and raceway floor. This inspection was a result of a VT-3 visual examination of the moisture barrier integrity and is documented under NOI 2-SQ-347. The examination results identified degradation of the seal at various locations as noted in the examination report for NOI 2-SQ-347 (the seal was not adhered to the concrete and SCV interface). After removal of the moisture barrier the accessible areas adjacent to and beneath the moisture barrier were identified as having coating degradation. A VT-3 visual examination was performed prior to surface preparation to satisfy the requirements of IWE-2500(b). The examination identified conditions consisting of mild uniform corrosion, discoloration and minor pitting below the floor surface. There was one area at 273° 30' azimuth where the SCV wall thickness was slightly reduced due to corrosion mechanisms (ref. PER 00-08217-000), however ultrasonic thickness readings verified that there was no significant wall loss in this location (ref. Calc# SCG-CSG-88-091 and PER SQ981102PER). All areas were evaluated by engineering after surface cleaning or preparation.

All the moisture barrier was removed and the SCV surface was examined in accordance with the requirements of Table IWE-2500-1 Examination Category E-A and (IWE-2500(b)). The examination was performed from 12 inches above the floor to 6 inches below the floor interface. There was mild uniform corrosion, minor pitting and discoloration of the coating below the floor surface, with one suspect area at 273 ° 30' azimuth. There were no detrimental flaws or significant degradation of the SCV liner noted during the inspection.

All the existing moisture barrier along with the fiberglass filler in the crevice (6 inches below the surface) was removed and replaced with a polyurethane elastomeric material. This polyurethane elastometric material will serve to fill the crevice area, act as the protective coating for the SCV, and provide a leak tight barrier. While the moisture barrier was removed a VT-3 examination was performed from 12 inches above the moisture barrier to 6 inches below the moisture barrier. This area is normally inaccessible due to the stainless steel flashing, insulation, and moisture barrier material (refer to drawing CISI-2000-C-59). There was one area at 273° 30' azimuth where the corrosion appeared to reduce the SCV wall thickness. This suspect area was located in the crevice 1.25 inches below the moisture barrier seal area. The area was cleaned and an ultrasonic examination performed to determine remaining SCV wall thickness (for the UT results refer to Report BOP-1058). The ultrasonic thickness readings verified that there was no significant wall loss in this location. To ensure that no further reduction in wall loss would occur in this area the SCV was coated and polyurethane elastomeric subsequently applied which also serves as the coating for SCV surface within the crevice area (6 inches below the floor level). The moisture barrier seal was replaced in accordance with EDC E20286A, re-examined and determined acceptable under VT-3 requirements.

Based on the information above, these SCV areas are not considered suspect and do not impact the structural integrity or leak tightness of the SCV. The SCV area is acceptable for continued service, and no further corrective action is required. Therefore, Therefore, additional examinations are not warranted.

Jack Adams

Specified By

Org. M/N

197 AF 201

Date: [111100

NOTIFICATION OF INDICATION FORM

۰.

4

1

PART Í - FINDINGS NOI No. <u>2-SQ-347</u> Plant/Unit <u>SQN2</u> ISI Dwg./Sh. No. <u>CISI-2000-C-59</u>	
Examination Report No. SCV-0139 Component ID MB-2 and MB-3 SCV-0141	
Description of Indication (Sketch/Photograph if Required for Clarification): See attached sheets	<u> </u>
Signature of Examiner/Certification Level: Signature of ISO Coordinator (Field Supervisor): Signature of ISI Program Owner: PART II - DISPOSITION Remove/replace moisture barrier in accordance with EDC E 20286A, inspect the crevice for material	/00 00 2
degradation	
Administrative control document number (PER, WR/WO) if applicable: WO 98-008274-003	
ASME XI Subsection IWE Yes No If Yes, complete the supplemental information Parts II of Page 2 of this form in addition to Parts II, III, and IV Page 1. If No, completion of Parts II and III of Page 2 this form is not required and attachment of Page 2 with 1 is not required.	, of of h Page
PART III - ADDITIONAL EXAMINATIONS Additional Sample Required [IW(X)-2430]: Yes SEE COMMENTS BELOW Second 11/1 (Attach list of items in additional sample, if yes.) Yes Successive Examination Required: Yes	× No /00
PART IV - VERIFICATION OF CLOSURE Reexamination Report number, if Applicable: SCV-0146 and SGV-0147 Signature of ISO Coordinator: Juncole Date: 11/	6 /00
Finding resulted from performance of the General visual Examination If Yes, concurrence of the Reginneer (RPE) or Individual Responsible for performance (N/A otherwise): RPE/Responsible Engineer Data	r
Comments: This examination is for the additional sample based on the disposition of the examination performed on MB-1 During U2C9. (refer NOI 2-SQ-314 and 314A)	
Verification of Complete Corrective Action Required by Disposition (Including Page 2 , if applicable) Signature of ISI or CISI Program (1000000000000000000000000000000000000	0

188 - 2 7 1

.

PAGE 5 OF 5 of Report SCV-0139 NOI# 2-SQ-347

UNIT 2 MB-2 EXAMINATION

AREAS OF MOISTURE BARRIER DETERIORATION

Component ID	Unacceptable Area	Unacceptable Condition	Length of Area	Report No
MB-2	267'0" to 268'	Concavity	12"	SCV-0139
Azimuth	269'1" to 269'2"	Separated From SCV	1"	SCV-0139
175° -254° &	270'0" to 270'4"	4" Section torn 1/2" deep	4"	SCV-0139
267° -303°	270'0" to 279'0"	Generalized Cracking	9'	SCV-0139
207 -000	280'0" to 284'0"	MB not bonded @ Concrete Interface	. 4'	SCV-0139
	285'0" to 290'0"	MB not bonded @ Concrete Interface	5'	SCV-0139
	290'0" to 303'0"	Cracked Surface	13'	SCV-0139
	249'6"	Tear in Moisture Barrier	4"	SCV-0139
	184'0" to 190'0"	MB not bonded @ Concrete Interface	6'	SCV-0139
	190'0" to 235'0"	General Deterioration, Concavity and Areas Not Bonded to Concrete.	45'	SCV-0139
	207'0"	Moisture Barrier is Split	2"	SCV-0139
	235'0" to 248'0"	MB Hard and Brittle	13'	SCV-0139
	175'0" to 184'0"	General Deterioration, and Areas Not Bonded to Concrete.	9'	SCV-0139
		•		<u> </u>

M2 Causton EXAMINED BY LEVEL: EXAMINED BY: Norm Siniaho LEVEL: TIL

189 of 201

PAGE 5 0F 5 of Report SCV-0141 NOI# 2-SQ-347

UNIT 2 MB-3 EXAMINATION

AREAS OF MOISTURE BARRIER DETERIORATION

Component ID	Unacceptable Area	Unacceptable Condition	Length of Area	Report No.
MB-3	303'0" to 312'	Cracked Surface	9'	SCV-0141
Azimuth	312'0" to 315'0"	Concavity	3'	SCV-0141
303° -60°	315'0" to 317'0"	Cracked Surface	2'	SCV-0141
-	317'0" to 335'0"	Cracked Surface	18'	SCV-0141
	335'0" to 360'0"	Cracked Surface	25'	SCV-0141
	336'0" to 338'0"	MB not bonded @ SCV Interface	2'	SCV-0141
	0'0" to 37'0"	Cracked Surface	37'	SCV-0141
	5'0" to 12'	Tear in Moisture Barrier	7'	SCV-0141
	23'0" to 25'0"	MB not bonded @ SCV Interface	2'	SCV-0141
	28'0" to 30'0"	MB not bonded @ SCV Interface	2'	SCV-0141
	25'0" to 27'	Duct Tape on Barrier	2°.	SCV-0141
	57'0" to 57'6"	Concavity	6"	SCV-0141
	58'0" to 58'9"	General Deterioration, and Areas Not Bonded to Concrete.	9"	SCV-0141
		-		

EXAMINED BY LEVEL:

EXAMINED BY: Norm Siniaho LEVEL:

	SQ-347		Plant/Unit <u>SQN / UN</u>	IT 2
Examination Re	port No.	<u>SCV-0139</u> SCV-0141	Component ID	MB-2 (175°-254° & 267°-303°) and MB-3 (303°-360 ° & 0°-60°)
		PART II - DISPOS	SITION (Supplemental info	rmation)
Include (1) A (legradation; (2	description of 2) An evalua	f the type and estimation of each area, an	10CFR50.55a(b)(2)(ix)(A) ated extent of degradation, a nd the result of the evaluatio tion sheets may be attached	nd the conditions that led to the n; and (3) A description of necessar l, as necessary].
SEE ATTACH	ED)			
				· · · · · · · · · · · · · · · · · · ·
· · ·				
PER, WR/WO Disposition Pre) if applicable pared By: PART	e: Jack Adams		-
f Yes, provide hat led to the c o verity that sir	 A descrip legradation; milar degrada ns; and (4) 	otion of each flaw or (2) The acceptabilit ation does not exist i The number and typ	area, including the extent of ty of each flaw or area, and n similar components; (3) be of additional examinations	f degradation, and the conditions the need for additional examinations A description of the necessary s to ensure detection of similar may be attached, as necessary].
corrective actio legradation in			and the second	
corrective actio degradation in SEE ATTACH	ED)			
legradation in	ED)			· · · · · · · · · · · · · · · · · · ·
legradation in	ED)			
legradation in	ED)			
legradation in	ED) Jack Adar	ns John	Org. <u>M/N</u>	Date: <u>11/1/00</u>
SEE ATTACH		ns Jula	Org. <u>M/N</u>	Date: <u>11/1/00</u>

 NOI No.
 2-SQ-347
 Plant/Unit
 SQN / UNIT 2

 Examination Report No.
 SCV-0139 SCV-0141
 Component ID
 MB-2 (175°-254° & 267°-303°) and MB-3 (303°-360 ° & 0°-60°)

PART II - DISPOSITION (Attachment to Page 2 of 2) continued

These additional examinations are based on the disposition of the examinations performed on MB-1 during the Unit 2 Cycle 9 outage. Per the disposition of NOI's 2-SQ-314 and 314A the required additional examination was to examine the remaining MB (MB-2 and MB-3) accessible areas following U2C9 but no later than September 8, 2001 (end of the first period). These areas MB-2 and MB-3 were examined during U2C10. This NOI documents the indications noted during the VT-3 examination of these moisture barrier areas at the interface between the SCV and the raceway floor. Moisture barrier (MB-2) extends from azimuths 175° to 303° (excluding the fuel transfer concrete enclosure from azimuth 254° to 267° where the moisture barrier does not exist) and MB-3 extends from azimuth 303° to 360° and 0° to 60° and both areas were examined in accordance with the requirements of Table IWE-2500-1 Examination Category E-D. The examination results identified degradation of the seal at various locations as noted in the examination report (the seal is not adhered to the concrete interface, torn, cracking and seperated from the SCV).

There was one degradation identified for the SCV surface in the seal area. The SCV was evaluated under NOI 2-SQ-346 and determined acceptable. The other areas of the SCV (12 inches above and 6 inches below the MB) did not show any major degradation. The accessible area of the SCV wall was recoated in accordance with site procedures. The remaining moisture barrier seal appeared to have good adherence to the SCV and concrete floor. All the existing moisture barrier (MB-1, 2 and 3) along with the fiberglass filler in the crevice (6 inches below the surface) was removed and replaced with a polyurethane elastomeric material. This polyurethane elastometric material will serve to fill the crevice area, act as the protective coating for the SCV, and provide a leak tight barrier. While the moisture barrier was removed a VT-3 examination was performed from 12 inches above the moisture barrier to 6 inches below the moisture barrier. Also the SCV wall at the moisture barrier interface was re-coated. This area is normally inaccessible due to the stainless steel flashing, insulation and moisture barrier material (refer to drawing CISI-2000-C-59). Examination results (minor pitting and corrosion) for this area (12 inches above to 6 inches below the moisture barrier surface) are documented on NOI 2-SQ-346. There was one area at 273° 30' azimuth where corrosion caused slight reduction in the SCV wall thickness (ref. PER 00-08217-000). This suspect area was located in the crevice 1.25 inches below the moisture barrier seal area. This area was cleaned and an ultrasonic examination performed (for the UT results refer to Report BOP-1058). The ultrasonic thickness readings verified that there was no significant wall loss in this location (ref. Calc# SCG-CSG-88-091 and PER SQ981102PER). To ensure that no further SCV wall reduction would occur would occur in the MB area of the SCV was recoated and the polyurethane elastomeric subsequently applied which also will serve as the coating in the moisture barrier area. The moisture barrier seal was replaced in accordance with EDC E20286A, re-examined and determined acceptable under VT-3 requirements. Based on the information above, there is no indication that an adverse condition exists in the areas examined or that an adverse condition would be present in inaccessible areas.

Disposition Prepared By;

Jack Adams Ila

Org. M/N

102 201

Date: 11 (1/00

NOI No.	2-SQ-347	· .	Plant/Unit <u>SQN / UN</u>	NT 2
Examination	n Report No.	<u>SCV-0139</u> <u>SCV-0141</u>	Component ID	MB-2 (175°-254° & 267° -303°) and MB-3 (303° -360 ° & 0° -60°)

PART III- ADDITIONAL EXAMINATIONS (Attachment to Page 2of 2) continued

These additional examinations are based on the disposition of the examinations performed on MB-1 during the Unit 2 Cycle 9 outage, Per the disposition of NOI's 2-SQ-314 and 314A the required additional examination was to examine the remaining MB (MB-2 and MB-3) accessible areas following U2C9 but no later than September 8, 2001 (end of the first period). These areas MB-2 and MB-3 were examined during U2C10. This NOI documents the indications noted during the VT-3 examination of these moisture barrier areas at the interface between the SCV and the raceway floor. Moisture barrier (MB-2) extends from azmiths 175° to 303° (excluding the fuel transfer concrete enclosure from azimuth 254° to 267° where the moisture barrier does not exist) and MB-3 extends from azimuth 303° to 360° and 0° to 60° and both areas were examined in accordance with the requirements of Table IWE-2500-1 Examination Category E-D. The examination results identified degradation of the seal at various locations as noted in the examination report (the seal is not adhered to the concrete interface, torn, cracking and seperated from the SCV).

There was one degradation identified for the SCV surface in the seal area. The SCV was evaluated under NOI 2-SQ-346 and determined acceptable. The other areas of the SCV (12 inches above and 6 inches below the MB) did not show any major degradation. The accessible area of the SCV wall was recoated in accordance with site procedures. The remaining moisture barrier seal appeared to have good adherence to the SCV and concrete floor. All the existing moisture barrier (MB-1, 2 and 3) along with the fiberglass filler in the crevice (6 inches below the surface) was removed and replaced with a polyurethane elastomeric material. This polyurethane elastometric material will serve to fill the crevice area, act as the protective coating for the SCV, and provide a leak tight barrier. While the moisture barrier was removed a VT-3 examination was performed from 12 inches above the moisture barrier to 6 inches below the moisture barrier. This area is normally inaccessible due to the stainless steel flashing, insulation and moisture barrier material (refer to drawing CISI-2000-C-59). Examination results (minor pitting and corrosion) for this area (12 inches above to 6 inches below the moisture barrier surface) are documented on NOI 2-SQ-346. There was one area at 273° 30' azimuth where the corrosion appeared to reduce the SCV wall thickness (ref. PER 00-08217-000). This suspect area was located in the crevice 1.25 inches below the moisture barrier seal area. This area was cleaned and an ultrasonic examination performed (for the UT results refer to Report BOP-1058). The ultrasonic thickness readings verified that there was no significant wall loss in this location (ref. Calc# SCG-CSG-88-091 and PER SQ981102PER). To ensure that no further reduction would occur in the MB area of the SCV was coated and the polyurethane elastomeric subsequently applied which will serve as the coating for the area at the moisture barrier. The moisture barrier seal was replaced in accordance with EDC E20286A, reexamined and determined acceptable under VT-3 requirements.

Additional examinations are not required because this completes 100% of the examination in Examination Category E-D, Item number E5.30 (moisture barrier).

Specified By

Jack Adams (12a

Org. M/N

193 of 201

Date: 11/1/00

NOTIFICATION OF INDICATION FORM

	NOI No.	2-SQ-348	Plant/Unit	<u>SQN2</u>	PART I - FINDIN ISI Dwg./Sh. No		CISI-2000)-C-08		<u> </u>
	Examinati	on Report No.	SCV-0151 SCV-0152 SCV-0153 SCV-0154	2 3	Component ID	SC	V-1,2,3 and	14 (G-J)		
_	Descriptio GENER	n of Indication LAC 2UST	n (Sketch/Phot AND DIS	ograph if <u>くひに</u> のれ	Required for Clar A TION ON	rificati <u>Co</u> ル	on): 7 AIIJ ME	TYT LING	en IN	<u></u>
_	THE A	TYNULUS						<u></u>		
-	ç	Signature of IS	xaminer/Certif SO Coordinato SI Program Ov	r (Field S vner:	evel: D-X. supervisor): ART II - DISPOS	M ² (<i>M</i> ²	work Work (7 ale	////Date e /Date /Date	e: 10/2	6/00 6/00 7/00
	See Attac	hed	<u></u>				<u> </u>			
-							<u> </u>		<u> </u>	
-	Administr	ative control o	locument num	ber (PEF	R, WR/WO) if app	licable	2	WR-C4422	82, 83 and	84
	ASME XI	Subsection IV	VE Yes		No If Yes, com of Page 2 d Page 1 If	plete of this Noco	the suppler form in add	mental inform dition to Part of Parts II and	s II, III, and d III of Pag	e2of
A	R. Dam For Dispositio	$\sum_{i=1}^{n} \sum_{j=1}^{n} A_{j}$	(E /J/31/0 ecorded By:		this form is 1 is not rec	uired.		i attachment Date:	1,	
-	Additiona	il Sample Req	uired [IW(X)-2		- ADDITIONAL E	o F	NATIONS Page 2 of 2 amples att		□ Yes	No
	(Attach li	st of items in a	additional sam	nple, if ye	s.)		ISI OF CLE	<u>Alor</u> N Program C	War Da	1/4/00 ate
	Successi	ve Examinati	on Required:		□ Yes X N	°	Ast of ors	SI Program C	(1 Owner	<u>// / / 00</u> Øate
	Reexami		number, if Ap e of ISO Coord	plicable:	- VERIFICATION <u>SCV- 016</u> MW		CLOSURE <u>CV- 0/4</u>	3 <u>501</u> -	<i><u>Old H</u> Date:</i>	<u> SCV-0</u> K5]1][6][190
		esulted from p camination	performance o	f the Ger	eral	Ŕ	No Pro Indi	es, concurre fessional En vidual Respo equired (N/A	gineer (RPI onsible for	E) or performance
	Comme	nts:			F	RPE/R	esponsible	Engineer	• • • • • • • • • • • • • • • • • • •	Date
	Verificat	ion of Comple Signature o Owner:	te Corrective / f ISI or CISI Pi	Action Re rogram (equired by Dispos	ition (I	ncluding P	age 2 , if app D	olicable) oate: <u>///</u>	7/00

.

•

- -

• _ ^

.

~~

NOI No.: 2-SQ-348

Plant/Unit: <u>SQN/UNIT 2</u>

Examination Report No.: <u>SCV-0151, 0152, 0153, and 0154</u>

FOR T-J

Component ID: SCV-1, 2, 3, 4(G-J)

PART II - DISPOSITION, page 1 of 2

This NOI documents the indications noted during the VT-3 visual examinations of the Steel Containment Vessel (SCV) exterior surface areas. The areas examined have been identified for coating repair, and this VT-3 visual examination was performed prior to surface preparation to satisfy the requirements of IWE-2500(b). The examination identified indications consisting of minor rusting and discoloration. The containment surfaces examined are identified on the listed examination reports and were visually inspected and evaluated after surface preparation. The SCV surface, stiffeners, and penetrations showed minor corrosion and pitting, with no visible signs of active corrosion. The surface condition (minor corrosion and pitting) appeared to be pitting from original construction. These areas are not considered suspect and do not impact the structural integrity or leak tightness of the SCV. No detrimental flaws were observed. These areas will be re-coated according to site procedure M&AI-5.3. A VT-3 preservice examination will be performed on these areas following reapplication of the coatings to satisfy the requirements of IWE-2200(g). The component is acceptable for continued service, and no further corrective action is required.-

Prepared By:

Org. <u>NE</u> 11/3/00 NE 11/1/00 ann ann

OF 201

Complete this page in addition to Page 1 for findings affecting Class MC/Subsection IWE.

NOI No.	2-SQ-348		Plant/Unit SQN/Unit	2
Examination 	Report No.	SCV-0151 SCV-0152 SCV-0153 SCV-0154	Component ID	SCV 1,2,3,4 (G-J)

PART II - DISPOSITION (Supplemental Information)

Evaluation of inaccessible areas as required by 10CFR50.55a(b)(2)(ix)(A) (Include (1) A description of the type and estimated extent of degradation, and the conditions that led to the degradation; (2) An evaluation of each area, and the result of the evaluation; and (3) A description of necessary corrective actions) [additional separate continuation sheets may be attached, as necessary].

This NOI documents the indications noted during the VT-3 visual examination of the SCV exterior surface areas horizontal stiffener G to horizontal stiffener J, and vertical stiffeners 1 through 360. (Refer to drawing CISI-2000-08 for details.) The areas examined were identified for coating repairs, and this visual examination (VT-3) was performed prior to surface preparation to satisfy the requirements of IWE-2500(b). The SCV surface, stiffeners, and penetrations showed minor corrosion, rusting, and pitting, with no visible signs of active corrosion. The areas examined did not show any significant wall loss or gross degradation. The corrosion damage appeared to be from original construction. These areas are not considered suspect and do not impact the structural integrity or leak tightness of the SCV. No detrimental flaws were observed. Based on this information, there is no indication that an adverse condition exists in the areas examined or that an adverse condition would be present in inaccessible areas.

Corrective Action Program or Administrative Control document number

Disposition Prepared By:

(PER, WR/WO) if applicable:

Date

PART III - ADDITIONAL EXAMINATIONS (Supplemental Information)

Additional examinations required per 10CFR50.55a(b)(2)(ix)(D) \Box Yes \boxtimes No If Yes, provide (1) A description of each flaw or area, including the extent of degradation, and the conditions that led to the degradation; (2) The acceptability of each flaw or area, and the need for additional examinations to verity that similar degradation does not exist in similar components; (3) A description of the necessary corrective actions; and (4) The number and type of additional examinations to ensure detection of similar degradation in similar components [additional separate continuation sheets may be attached, as necessary].

This NOI documents the indications noted during the VT-3 visual examination of the SCV exterior surface areas from horizontal stiffener G to horizontal J, and vertical stiffeners 1 through 360. (Refer to drawing CISI-2000-08 for details). The areas examined were identified for coating repairs, and this visual examination (VT-3) was performed prior to surface preparation to satisfy the requirements of IWE-2500(b). The SCV surface, stiffeners, and penetrations showed minor corrosion, rusting, and pitting, with no visible signs of active corrosion. The areas examined did not show any significant wall loss or gross degradation. The corrosion damage appeared to be from original construction. These areas are not considered suspect and do not impact the structural integrity or leak tightness of the SCV. No detrimental flaws were observed. The areas will be recoated according to site procedures. A VT-3 preservice examination will be performed on these areas following reapplication of the coatings to satisfy the requirements of IWE-2200(g). The component is acceptable for continued service, and no further corrective action is required. Therefore, additional examinations are not warranted.

Specified By:

• . • • • •	TVAN STANDARD		SPP-9.1
	PROGRAMS AND PROCESSES	ASME SECTION XI	Date 3-5-99 Page 121 of 131
1		NOTIFICATION OF INDICATION FORM	
. •	NOI No. 2-59-353 Plant/Un	PART I - FINDINGS it SQU/U2 ISI Dwg./Sh. No. <u>C151</u>	- 2000-C-417
	Examination Report No. SCV-	0/57 Component ID X - 00	
	Description of Indication (Sketch/	Photograph if Required for Clarification):	ssembly.
•	Equipment hatch bol	<i>t.</i>	
	Signature of Examiner/ Signature of ISO Coord Signature of ISI Program	inator (Field Supervisor):	II /Date: 10/29/00 /Date: 10/3c/00 /Date: 10/30/00
·		PART II - DISPOSITION Replace 6-11 45	
	Administrative control document		10 00-600 595-000
	ASME XI Subsection IWE	of Page 2 of this form in addr	ental information Parts II and III tion to Parts II, III, and IV, of Parts II and III of Page 2 of attachment of Page 2 with Page
Q	Disposition Prepared/Recorded	By. Aldam Org. Eng. Acch	Date: 10/30/00
Ŷ	Additional Sample Required [IV	PART III - ADDITIONAL EXAMINATIONS V(X)-2430]: Yes No Page 2 of 2 a samples atta	additional Yes XNo ched?
-	(Attach list of items in addition	al sample, if yes.)	Program Owner Date
	Successive Examination Requ	iired: I Yes No III No	1 Program Owner Date
-	Reexamination Report numbe Signature of ISO	PART IV - VERIFICATION OF CLOSURE r, if Applicable:	Replacement BuH) Date: 11/2/00
· · ·	Finding resulted from perform visual Examination	Yes No Prot	es, concurrence of the Registered ressional Engineer (RPE) or vidual Responsible for performance equired (N/A otherwise):
		RPE/Responsible	
	Comments:	KPE/Responsible	
\mathcal{O}	Verification of Complete Corr Signature of ISI or Owner:	ective Action Required by Disposition (Including P CISI Program	age 2 , if applicable) Date: ///2/00

ŕ

Complete this page in addition to Page 1 for findings affecting Class MC/Subsection IWE.

NOI No.	2-SQ-353		Plant/Un	t <u>SQN/2</u>		
Examination	Report No.	SCV0157	Cc	mponent ID	scv	X-001-BLT

PART II - DISPOSITION (Supplemental Information)

Evaluation of inaccessible areas as required by 10CFR50.55a(b)(2)(ix)(A) (Include (1) A description of the type and estimated extent of degradation, and the conditions that led to the degradation; (2) An evaluation of each area, and the result of the evaluation; and (3) A description of necessary corrective actions) [additional separate continuation sheets may be attached, as necessary].

This NOI includes the disposition of the VT-1 inspection of the bolting from PEN X-001 (equipment hatch). The twenty bolts were examined in accordance with the requirements of IWE 2500. The damage was mechanical in nature to one of the bolts (bolt #5) that appeared to be associated with assembly and disassembly of the equipment hatch. There were no visible signs of other damage mechanisms. The physical damage was bending in the bolt in the thread area. This bending was in the load carrying area. There was no damage to the nut. There was no signs of the reduction of the cross sectional area or thread damage. Based on the information above, there is no indication that an adverse condition exist which may be present in inaccessible areas. The damaged bolt was replaced. The examination was limited to PEN X-001.

Corrective Action Program of	or Administrative	Control docu	ment numb	er WO 00-000	595-000		
(PER, WR/WO) if applicable	e:						
		02a					
Disposition Prepared By:	Jack Adams	7	Org.	ENG-MECH		Date	10/30/00

PART III - ADDITIONAL EXAMINATIONS (Supplemental Information)

Additional examinations required per 10CFR50.55a(b)(2)(ix)(D) Yes X No If Yes, provide (1) A description of each flaw or area, including the extent of degradation, and the conditions that led to the degradation; (2) The acceptability of each flaw or area, and the need for additional examinations to verity that similar degradation does not exist in similar components; (3) A description of the necessary corrective actions; and (4) The number and type of additional examinations to ensure detection of similar degradation in similar components [additional separate continuation sheets may be attached, as necessary].

The bolted joint on PEN X-001 (equipment hatch) had mechanical damage to one bolt (bolt #5) that appeared to associated with the assembly and disassembly of the equipment hatch. The physical damage was bending in one of the bolts in the thread area. None of the damage appeared to be service induced. There was no signs of thread damage and/or reduction of cross sectional area. There are no other bolted connections similar to this, and all twenty bolts were examined for this connection. The damaged bolt was replaced. Therefore, no additional examinations are required.

	(1	fr	
Specified By:	Jack Adams 7		
	Rogen Mit	ENG-CIVIL	10/30/00
	Roger Girch		

Date: 10/30/60

TVA 40580 [10-2000]

Page 2 of 2

SPP-9.1-2 [10-04-2000]

201 IAD ~E

	NOTIFICATION OF INDICATION FORM
	PART I - FINDINGS NOI No. 2-SQ-354 Plant/Unit SQN2 ISI Dwg./Sh. No. CISI-2000-C-08
	Examination Report No. SCV-0155 Component ID SCV-1(D at 57°, and 75°) SCV-0156 SCV-2(D at 104°) SCV-1(E at 64°, 66°, 74° and 77°) SCV-2(E at 104°) SCV-2(E at 104°)
	Description of Indication (Sketch/Photograph if Required for Clarification):
	General rust and discoloration on the containment liner in the annulus
	Signature of Examiner/Certification Level: DK-M ² (autom IL4Date: 10/29/00 Signature of ISO Coordinator (Field Supervisor): Miltitude: 10/31/00 Signature of ISI Program Owner: Autom 10 (autom 10)
	PART II ~ DISPOSITION See Attached
	Corrective Action Program or Administrative Control document number (PER, WR-C442282 WR/WO) if applicable:
	ASME XI Subsection IWE Yes No If Yes, complete the supplemental information Parts II and III of Page 2 of this form in addition to Parts II, III, and IV, of Page 1. If No, completion of Parts II and III of Page 2 of this form is not required and attachment of Page 2 with Page 1 is not required.
\bigcirc	Disposition Prepared/Recorded By:
	PART III - ADDITIONAL EXAMINATIONS Additional Sample Required [IW(X)-2430]: Yes Xo Page 2 of 2 additional Yes Xo samples attached?
-	(Attach list of items in additional sample, if yes.)
	Successive Examination Required: Yes No An An An Internation Required: If Yes No Asi or Cist Program Owner Date
	PART IV - VERIFICATION OF CLOSURE Reexamination Report number, if Applicable: <u>SCV - 0160 & SCV - 0159</u> Signature of ISO Coordinator: <u>Junione</u> Date: <u>11/6/0</u> 0
	Finding resulted from performance of the General visual Examination If Yes, concurrence of the Registered Professional Engineer (RPE) or Individual Responsible for performance is required (N/A otherwise):
	Comments:
	Verification of Complete Corrective Action Required by Disposition (Including Page 2 , if applicable) Signature of ISI or CISI Program Owner:
	TVA 40580 [10-2000] Page 1 of 2 SPP-9.1-2 [10-04-2000]

199 ar 201

2

, .· **·**

NOI No.: <u>2-SQ-354</u>

Plant/Unit: <u>SQN/UNIT 2</u>

Examination Report No.: SCV-0155 and 0156

Component ID: SCV-1(D at 57°, and 75°); SCV-2(D at 104°) SCV-1(E at 64°, 66°, 74° and 77°); and SCV-2(E at 104°)

PART II - DISPOSITION, page 1 of 2

This NOI documents the indications noted during the VT-3 visual examinations of the Steel Containment Vessel (SCV) exterior surface areas. The areas examined have been identified for coating repair, and this VT-3 visual examination was performed prior to surface preparation to satisfy the requirements of IWE-2500(b). The examination identified indications consisting of minor rusting and discoloration. The containment surfaces examined are identified on the listed examination reports and were visually inspected and evaluated after surface preparation. The SCV surface and stiffeners showed minor corrosion and pitting, with no visible signs of active corrosion. The surface condition (minor corrosion and pitting) appeared to be pitting from original construction. These areas are not considered suspect and do not impact the structural integrity or leak tightness of the SCV. No detrimental flaws were observed. These areas will be re-coated according to site procedure M&AI-5.3. A VT-3 preservice examination will be performed on these areas following reapplication of the coatings to satisfy the requirements of IWE-2200(g). The component is acceptable for continued service, and no further corrective action is required.

Org. MF, Prepared By:

Complete this page in addition to Page 1 for findings affecting Class MC/Subsection IWE.

NOI No. 2-SQ-354

Plant/Unit SQN/

Examination Report No.

SCV-0155 SCV-0156 Component ID

SCV-1(D at 57°,and 75°) SCV-2(D at 104°) SCV-1(E at 64°, 66°, 74° and 77°) SCV-2(E at 104°)

PART II - DISPOSITION (Supplemental Information)

Evaluation of inaccessible areas as required by 10CFR50.55a(b)(2)(ix)(A) (Include (1) A description of the type and estimated extent of degradation, and the conditions that led to the degradation; (2) An evaluation of each area, and the result of the evaluation; and (3) A description of necessary corrective actions) [additional separate continuation sheets may be attached, as necessary].

This NOI documents the indications noted during the VT-3 visual examination of the SCV exterior surface areas on horizontal stiffener D at azimuths 57, 75 and 104; and horizontal stiffener E at azimuths 64, 66, 74, 77 and 104. (Refer to drawing CISI-2000-08 for details) The areas examined were identified for coating repairs, and this visual examination (VT-3) was performed prior to surface preparation to satisfy the requirements of IWE-2500(b). The SCV surface and stiffeners showed minor corrosion, rusting, and pitting, with no visible signs of active corrosion. The areas examined did not show any significant wall loss or gross degradation. The corrosion damage appeared to be from original construction. These areas are not considered suspect and do not impact the structural integrity or leak tightness of the SCV. No detrimental flaws were observed. Based on this information, there is no indication that an adverse condition exists in the areas examined or that an adverse condition would be present in inaccessible areas.

Corrective Action Program or Administrative Control document number WR C442282 (PER, WR/WO) if applicable: \mathcal{A}

Disposition Prepared By:

Ora.

11/3/00 Date

PART III - ADDITIONAL EXAMINATIONS (Supplemental Information)

Additional examinations required per 10CFR50.55a(b)(2)(ix)(D) \Box Yes Σ No If Yes, provide (1) A description of each flaw or area, including the extent of degradation, and the conditions that led to the degradation; (2) The acceptability of each flaw or area, and the need for additional examinations to verity that similar degradation does not exist in similar components; (3) A description of the necessary corrective actions; and (4) The number and type of additional examinations to ensure detection of similar degradation in similar components [additional separate continuation sheets may be attached, as necessary].

This NOI documents the indications noted during the VT-3 visual examination of the SCV exterior surface areas on horizontal stiffener D at azimuths 57, 75 and 104; and horizontal stiffener E at azimuths 64, 66, 74, 77 and 104. (Refer to drawing CISI-2000-08 for details). The areas examined were identified for coating repairs, and this visual examination (VT-3) was performed prior to surface preparation to satisfy the requirements of IWE-2500(b). The SCV surface and stiffeners showed minor corrosion, rusting, and pitting, with no visible signs of active corrosion. The areas examined did not show any significant wall loss or gross degradation. The corrosion damage appeared to be from original construction. These areas are not considered suspect and do not impact the structural integrity or leak tightness of the SCV. No detrimental flaws were observed. The areas will be re-coated according to site procedures. A VT-3 preservice examination will be performed on these areas following reapplication of the coatings to satisfy the requirements of IWE-2200(g). The component is acceptable for continued service, and no further corrective action is required. Therefore, additional examinations are not warranted.

Specified By: Ora

Date: ///3/2