



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

August 4, 2006

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

Gentlemen:

In the Matter of)
Tennessee Valley Authority) Docket No. 50-327

**SEQUOYAH NUCLEAR PLANT (SQN) - UNIT 1 CYCLE 14 (U1C14) 90-DAY
INSERVICE INSPECTION (ISI) SUMMARY REPORT**

In accordance with the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section XI, Article IWA-6230, TVA is providing the SQN ISI Summary Report within 90 days from completion of the inspections performed during the U1C14 refueling outage. The summary report contains an overview of the in-service examinations and augmented non-destructive examination results that were performed on ASME Class 1 and 2 components from November 20, 2004, to May 15, 2006. This report also contains a summary of steam generator tube examinations (Appendix A), a report of the repair and replacement activities (Appendix B), a pressure test report (Appendix C), and the IWE metal containment evaluations (Appendix D). This report completes the ASME Section XI examinations for ASME Code Class 1 and 2 components for SQN's second 10-year interval.

This report does not contain TVA commitments. Please direct any questions concerning this issue to or J. D. Smith at (423) 843-6672.

Sincerely,

P. L. Pace
Manager, Site Licensing and
Industry Affairs

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Enclosures

cc (Enclosures):

Mr. Edgar D. Hux
94 Ridgetree Lane
Marietta, Georgia 30068

Mr. Douglas V. Pickett, Senior Project Manager
U.S. Nuclear Regulatory Commission
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One White Flint North
11555 Rockville Pike
Rockville, Maryland 20852-2739

Mr. William T. Russell
400 Plantation Lane
Stevensville, Maryland 21666

ENCLOSURE

TENNESSEE VALLEY AUTHORITY (TVA)
SEQUOYAH NUCLEAR PLANT (SQN)
UNIT 1

ASME SECTION XI
INSERVICE INSPECTION SUMMARY REPORT
FROM UNIT 1 CYCLE 14

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

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

UNIT: ONE
COMMERCIAL SERVICE DATE: JULY 1, 1981
NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

ASME SECTION XI

INSERVICE INSPECTION SUMMARY REPORT FOR SEQUOYAH NUCLEAR PLANT

UNIT 1 CYCLE 14

DATE OF COMPLETION OF REPORT JULY 27, 2006

PREPARED BY

Jeff C. Noland
SYSTEM ENGINEER, COMPONENT (ISI)

REVIEWED BY

Sal M. Whitaker / T. J. McInnis
ISO NDE LEVEL III

REVIEWED BY

Sal M. Whitaker
ISO ISI/NDE SUPERVISOR

REVIEWED BY

Don & Belva / Gary K. McGinnis
MATERIALS TECHNOLOGY AND CODES

APPROVED BY

G. Buchanan
ENGINEERING PROGRAMS MANAGER

OWNER: TENNESSEE VALLEY AUTHORITY 1101 MARKET STREET CHATTANOOGA, TENNESSEE 37402-2801	PLANT: SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000
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FORM NIS-1 OWNERS' REPORT FOR INSERVICE INSPECTIONS
As required by the Provisions of the ASME Code Rules

1. Owner Tennessee Valley Authority, 1101 Market St. Chattanooga, TN. 37402-2801
(Name and Address of Owner)
2. Plant Sequoyah Nuclear Plant, P.O. Box 2000, Soddy Daisy, Tennessee 37384-2000
(Name and Address of Plant)
3. Plant Unit ONE (1) 4. Owner Certificate of Authorization (if required) Not Required
5. Commercial Service Date July 1, 1981 6. National Board Number for Unit No Number Assigned
7. Components Inspected:

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Reactor Vessel	Westinghouse	30616	N/A	N/A
Pressurizer	Westinghouse	1331	N/A	68-102
See Section 2 (Examination Plan) for remaining components	Tennessee Valley Authority	N/A	N/A	N/A
See Appendix C for pressure test	Tennessee Valley Authority	N/A	N/A	N/A

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-1 (back)

8. Examination Dates November 20, 2004 to May 15, 2006
9. Inspection Period Identification: Third Period
10. Inspection Interval Identification: Second Interval
11. Applicable Edition of Section XI 1989 Addenda N/A
12. Date/Revision of Inspection Plan: Scan Plan Revision 1, dated May 16, 2006
13. Abstract of Examinations and Tests. Includes a list of examinations and tests and a statement concerning status of work required for Inspection Plan. See Introduction/Summary of Inservice Inspections. Examination status is on schedule. Examinations performed complete the third outage of the third period of the second inspection interval. This completes the examinations for the second interval.
14. Abstract of Results of Examinations and Tests. See Introduction/Summary of Inservice Inspections
15. Abstract of Corrective Measures. See Introduction/Summary of Inservice Inspections

We certify that a) the statements made in this report are correct b) the examinations and tests meet the Inspection Plan as required by ASME Code, Section XI, and c) corrective measures taken conform to the rules of the ASME Code, Section XI.

Certificate of Authorization No. (if applicable) N/A Expiration Date N/A

Date 7/27/2006 Signed TVA By Jeff G. Boulant
Owner

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 HSB CT of Hartford CT have inspected the components described in this Owners' Data Report during the period 11-20-04 to 5-15-06, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by 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 tests, 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.

James N. Myhran
Inspector's Signature

Commissions TN #2693
National Board, State, Province and Endorsements

Date July 27, 2006

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

PLANT: SEQUOYAH NUCLEAR PLANT
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UNIT: ONE
COMMERCIAL SERVICE DATE: JULY 1, 1981
NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

SCOPE, INTRODUCTION AND SUMMARY OF INSERVICE
EXAMINATIONS

OWNER: TENNESSEE VALLEY AUTHORITY 1101 MARKET STREET CHATTANOOGA, TENNESSEE 37402-2801	PLANT: SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000
UNIT: ONE COMMERCIAL SERVICE DATE: JULY 1, 1981 NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED	CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

Scope:

This overview is for the Inservice Examinations performed during the Unit 1 Cycle 14 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 tubing eddy current examinations in Appendix A, repairs and replacements performed in Appendix B, pressure test examinations in Appendix C, and the IWE metal containment evaluations in accordance with 10CFR 50.55a(b)(2)(ix) in Appendix D. This report completes the ASME Section XI examinations for the ASME Code Class 1 and 2 components for the second 10 year interval.

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. Starting April 12, 2002 the NDE techniques, qualification of personnel, weld reference system, and standards for examination are in accordance with 1995 Edition of ASME Section XI through the 1996 Addenda.

The Unit 1 Cycle 14 inservice examinations were performed during the period from November 20, 2004 to May 15, 2006. This report also includes repairs and replacements and pressure tests performed during this period. The Unit 1 Cycle 14 Refueling Outage began when the generator was taken off line on April 10, 2006. The outage was completed on May 15, 2006, when the generator was tied to the power grid. The inservice examinations, which include risk-informed inservice inspection 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" revisions 21 thru 28. The steam generator tubing eddy current examinations are discussed in Appendix A. Repairs and replacements are discussed in Appendix B. Pressure test examinations are discussed in Appendix C. The IWE metal containment evaluations are discussed in Appendix D. Examinations performed during this cycle satisfy the inspection requirements for the third outage of the third period of the Second 10 Year Inspection Interval as defined in 0-SI-DXI-000-114.2.

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The Authorized Inspection Agency (AIA), Hartford Steam Boiler Inspection and Insurance Company of Connecticut (HSB CT), provided the following ANIs:

Jim Myhan
HSB CT
200 Ashford Center North, Suite 205
Atlanta, Georgia 30338-4860

Summary:

The Unit 1 Cycle 14 refueling outage was the third scheduled refueling outage during the third 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 approved procedures. The class 1 and 2 components examined and results for this inservice inspection outage are listed in **SECTION 2**. There were three Notice of Indications generated for ASME Section XI, Class 1 and 2 examinations. See **SECTION 3** for the notice of indications summary. See **SECTION 4** for the additional samples summary. See **SECTION 5** for the successive examinations summary. Regulatory required augmented examinations on the reactor vessel cladding were performed which require submittal to the regulatory authority (Reference **SECTION 6**). There were no 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 ten components that did not receive the code required examination coverage (see **SECTION 8**).

For Unit 1 Cycle 14 there were no steam generator tubing eddy current examinations performed see **Appendix A**.

For repairs and replacements performed see **Appendix B**.

For Unit 1 Cycle 14 pressure test results see **Appendix C**.

For Unit 1 Cycle 14 IWE metal containment evaluations see **Appendix D**.

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SECTION 1

EXAMINATION SUMMARY

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

OWNER: TENNESSEE VALLEY AUTHORITY 1101 MARKET STREET CHATTANOOGA, TENNESSEE 37402-2801	PLANT: SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000
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EXAMINATION CREDIT SUMMARY

The examinations as required by the inspection plan for the third outage of the third period of the second inspection interval were completed as scheduled. The examination category and number of examinations for the second inspection interval and the third period for the following summary are based on O-SI-DXI-000-114.2 revision 28. This outage completes the examinations for the second 10 year interval.

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EXAMINATION CREDIT SUMMARY
ASME SECTION XI EXAMINATIONS FOR THE THIRD
OUTAGE (U1C14) OF THE THIRD PERIOD OF THE SECOND TEN-YEAR
INSPECTION INTERVAL

CATEGORY	TOTAL NUMBER REQUIRED FOR INTERVAL	TOTAL NUMBER CREDITED FOR THE INTERVAL	TOTAL NUMBER REQUIRED FOR THIRD PERIOD (U1C12, U1C13 and U1C14)	TOTAL NUMBER CREDITED FOR THE THIRD PERIOD (U1C12, U1C13 and U1C14)	TOTAL NUMBER CREDITED FOR U1C14 OF THE THIRD PERIOD	EXCLUSIONS EXCEPTIONS OR DEFERRALS
B-A	14	14	13	13	13	deferral permissible
B-B	5	5	2	2	0	
B-D	36 see note 12	36 see notes 12 and 19	24 see note 19	24 see note 19	16 see note 19	Code Cases N-521 N-648-1
B-E See Appendix C	see note 31	see note 31				
B-F	22 see note 11	4 see note 11	N/A see note 11	N/A see note 11	N/A see note 11	Code Case N-521
B-G-1	RV (216) RCP (25) see note 10	RV (216) RCP (25)	RV (72) RCP (0)	RV (72) RCP (0)	RV (0) RCP (0)	RCP only when B-L-2 examination performed
B-G-2	PZR (1) SG (2) RCP (2) Valves (6) Piping (13)	PZR (1) SG (2) see note 20 RCP (2) Valves (6) see notes 1, 34, 35 and 36 Piping (13)	PZR (0) SG (1) see note 20 RCP (0) Valves (2) Piping (6)	PZR (0) SG (1) see note 20 RCP (0) Valves (2) Piping(6)	PZR (0) SG (0) RCP (0) Valve (2) see notes 34, 35 and 36 Piping (0)	valves when B-M-2 examination performed or in place during cycle 14
B-H, see B-K of Code Case N-509						
B-J	261 see notes 2, 11 and 27	81 see notes 3, 11 and 13	N/A see note 11	N/A see note 11	N/A see note 11	

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EXAMINATION CREDIT SUMMARY
ASME SECTION XI EXAMINATIONS FOR THE THIRD
OUTAGE (U1C14) OF THE THIRD 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 THIRD PERIOD (U1C12, U1C13 and U1C14)	TOTAL NUMBER CREDITED FOR THE THIRD PERIOD (U1C12, U1C13 and U1C14)	TOTAL NUMBER CREDITED FOR U1C14 OF THE THIRD PERIOD	EXCLUSIONS EXCEPTIONS OR DEFERRALS
B-K-1, see B-K of Code Case N-509						
B-K of Code Case N-509	7	7	3	3	0	
B-L-1 per Code Case N-481	1 - internal surface when disassembled 1- external surface	1 (internal surface) 1 - external surface see note 18	1- external surface	1- external surface	1- external surface	deferral permissible: examine only if pump disassembled
B-L-2	1	1	0	0	0	deferral permissible: examine only if pump disassembled
B-M-1	N/A					
B-M-2	6	5 see note 32	2 see note 32	1	1 see note 32	deferral permissible: examine only if valve disassembled,
B-N-1	1 each period	1 (first period) 1 (second period) 1 (third period)	1 (third period)	1 (third period)	1 (third period)	
B-N-2	6	6	6	6	6	deferral permissible
B-N-3	1	1	1	1	1	deferral permissible

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EXAMINATION CREDIT SUMMARY
ASME SECTION XI EXAMINATIONS FOR THE THIRD
OUTAGE (U1C14) OF THE THIRD 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 THIRD PERIOD (U1C12, U1C13 and U1C14)	TOTAL NUMBER CREDITED FOR THE THIRD PERIOD (U1C12, U1C13 and U1C14)	TOTAL NUMBER CREDITED FOR U1C14 OF THE THIRD PERIOD	EXCLUSIONS EXCEPTIONS OR DEFERRALS
B-O	2	2	2	2	2	deferral - permissible
B-P, see Appendix C						
B-Q, see Appendix A						
C-A	19 see notes 4, 14 and 21	19 see note 14	8	8	3	
C-B	14 see note 4 and 15	14 see note 15	6 see note 15	6 see note 15	3 see note 15	
C-C see C-C of Code Case N-509						
C-C of Code Case N-509	31 see note 4, 16 and 17	31	14	14	2	
C-D	1	1	0	0	0	
C-F-1	143 see notes 5, 9 and 11	45 see note 11	N/A see note 11	N/A see note 11	N/A see note 11	
C-F-2	29 see note 11	9 see note 11	N/A see note 11	N/A see note 11	N/A see note 11	

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EXAMINATION CREDIT SUMMARY
ASME SECTION XI EXAMINATIONS FOR THE THIRD OUTAGE (U1C14) OF
THE THIRD 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 THIRD PERIOD (U1C12, U1C13 and U1C14)	TOTAL NUMBER CREDITED FOR THE THIRD PERIOD (U1C12, U1C13 and U1C14)	TOTAL NUMBER CREDITED FOR U1C14 OF THE THIRD PERIOD	EXCLUSIONS EXCEPTIONS OR DEFERRALS
C-G	N/A					
C-H, see Appendix C						
F-A see F-A of Code Case N-491						
F-A of Code Case N-491	195* *Class 1 and 2 only see notes 4, 7 and 22	195 see notes 6, 8 and 23	70	70	3	
R-A R1.11(UT)	70 Elements (49 required for the 2nd and 3rd periods) see notes 11 and 24	49 see notes 25 and 33	24	24	8	
R-A R1.11(VT)	50 Segments see notes 11 and 28	All each refueling outage	See Appendix C	See Appendix C	See Appendix C	
R-A R1.12(VT)	29 Segments see notes 11 and 29	All each refueling outage	See Appendix C	See Appendix C	See Appendix C	
R-A R1.13	N/A					
R-A R1.14	N/A					

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EXAMINATION CREDIT SUMMARY
ASME SECTION XI EXAMINATIONS FOR THE THIRD
OUTAGE (U1C14) OF THE THIRD 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 THIRD PERIOD (U1C12, U1C13and U1C14)	TOTAL NUMBER CREDITED FOR THE THIRD PERIOD (U1C12 and U1C13)	TOTAL NUMBER CREDITED FOR U1C14 OF THE THIRD PERIOD	EXCLUSIONS EXCEPTIONS OR DEFERRALS
R-A R1.15	N/A					
R-A R1.16	6 Elements (3 total required for the 2nd and 3rd periods) see notes 11, 26 and 30	1-second period 2-third period see note 30	2	2	0	
R-A R1.17	N/A					
R-A R1.18	16 Segments see note 11	As scheduled in FAC program	As scheduled in FAC program	As scheduled in FAC program	As scheduled in FAC program (3 segments examined)	

Notes:

1. Credit taken only for the studs on valve 63-632 examined in examination category B-G-2 during U1C8. PSI was performed on the new super nuts.
2. Piping modification in U1C10 of the second period added 12 examination category B-J welds to the total number required for the interval increased from 247 to 259.
3. Due to piping modifications in the second period and the increase in the total number of welds required for examination in examination category B-J for the interval these welds were added over the three periods - (4) first, (3) second, (5) third. The 4 welds in the first period are counted as credit for the interval.

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EXAMINATION CREDIT SUMMARY
ASME SECTION XI EXAMINATIONS FOR THE THIRD
OUTAGE (U1C14) OF THE THIRD PERIOD OF THE SECOND TEN-YEAR
INSPECTION INTERVAL

(continued)

4. Containment spray heat Exchanger 1B was replaced in U1C9 of the first period and the totals for examination category C-A increased from 17 to 20, examination category C-B increased from 12 to 14, examination category C-C increased from 28 to 29, and examination category F-A increased from 203 to 204 in the U1C9 report
5. Use of code paragraph IWC-1221(e) reduced the total number required for examination in examination category C-F-1 from 146 to 142 in the U1C9 report.
6. Removed from credit 2 supports (1-SIH-031 and 1-SIH-160) reported in examination category F-A in U1C8 in the U1C9 report.
7. Due to the support modifications in the second period, the total number of required examinations in examination category F-A for the interval decreased from 204 to 202 during U1C10 in the U1C10 report.
8. Removed from credit one support in examination category F-A (1-SIH-065) in the first period due to its removal in U1C10 in the U1C10 report.
9. Due to piping modification in the second period, the total number of required examinations in examination category C-F-1 increased by one weld for the interval from 142 to 143 in the U1C10 report.
10. Increased total number of examinations in examination category B-G-1 for RCP from 24 to 25 in the U1C10 report to include the examination of the RCP flange surface when the connection is disassembled.
11. The RI-ISI Program was approved for the second and third periods for examination categories B-F, B-J, C-F-1, and C-F-2. The RI-ISI examinations are performed under examination category R-A item numbers R1.11, R1.12, R1.16 and R1.18. There were no examinations performed in the first period for examination category R-A.
12. For examination category B-D, item number B3.140, Steam Generator Primary Side Nozzle Inside Radius Section, two examinations that were originally scheduled for the second period were not required to be examined due to replacement of the steam generators in the third period, (see request for relief 1-ISI-16). Added two welds to the total number credited for the interval in U1C12 for interval tracking.
13. Removed from credit two welds in examination category B-J in the second period U1C11 report due to implementation of the RI-ISI program in the second and third periods.

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EXAMINATION CREDIT SUMMARY
ASME SECTION XI EXAMINATIONS FOR THE THIRD
OUTAGE (U1C14) OF THE THIRD PERIOD OF THE SECOND TEN-YEAR
INSPECTION INTERVAL
(continued)

14. For examination category C-A, item number C1.10, Steam Generator Pressure Retaining Shell Circumferential Welds, the one weld scheduled for the second period was not required to be examined due to the replacement of the steam generators in the third period, (see request for relief 1-ISI-16). Added one weld to the total number credited for the interval in U1C12 for interval tracking.
15. The nozzle-to vessel weld examination, Examination Category C-B, Item Number C2.20, for the residual heat removal (RHR) heat exchanger will be used to satisfy the Item Number C2.21 RHR heat exchanger nozzle inside radius section examination. See request for relief 1-ISI-15. Two RHR heat exchanger nozzle inside radius sections were added to the total number of examinations credited for the interval for tracking. This includes one examination for the second period and one examination for the third period. The RHR nozzle inside radius sections were not examined per request for relief 1-ISI-15. These were added to the totals for tracking. The three examinations listed for Examination Category C-B in the U1C14 outage includes two RHR heat exchanger nozzle to vessel examinations that were performed and one RHR heat exchanger nozzle inside radius section examination that was not performed, but was added for tracking. The six examinations listed for Examination Category C-B in the third period includes five RHR heat exchanger nozzle to vessel examinations that were performed and one RHR heat exchanger nozzle inside radius section examination that was not performed, but was added for tracking. The total number of fourteen examinations listed for Examination Category C-B for the interval includes twelve examinations that were performed and two RHR heat exchanger nozzle inside radius section examinations that were not performed, but were added for tracking.
16. Increased total number of examination category C-C examinations required for the interval from 29 to 31 to correct number of integrally welded attachments in the U1C11 report.
17. Removed from credit one integrally welded attachment (1-CVCH-560-IA) reported in examination category C-C in U1C10 in the U1C11 report.

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

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

UNIT: ONE
COMMERCIAL SERVICE DATE: JULY 1, 1981
NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

EXAMINATION CREDIT SUMMARY
ASME SECTION XI EXAMINATIONS FOR THE THIRD
OUTAGE (U1C14) OF THE THIRD PERIOD OF THE SECOND TEN-YEAR
INSPECTION INTERVAL
(continued)

18. RCP # 4 internal casing surface was examined during U1C11 forced outage per Code Case N-481; the evaluation report for part (d) of Code Case N-481 has previously been submitted in the Unit 1 Cycle 6 report for part (e) of Code Case N-481.
19. Replacement steam generator preservice examinations are being credited for the period on the primary side nozzle inside radius section (4 welds, on 2 steam generators)
20. Replacement steam generator preservice examinations are being credited for the period on the primary pressure retaining bolting, credited one steam generator manway
21. Due to the steam generator replacement in U1C12 the number of examination category C-A for the interval changed from 20 to 19 in the U1C12 report.
22. Due to support modifications the number of examinations required for the interval for examination category F-A changed from 202 to 195 in U1C12.
23. Due to support modifications one support credited during the interval in the second period for credit is being removed from credit due to the deletion of the support in U1C12 in the U1C12 report.
24. Examination category R-A item number R1.11 examinations for the second period was 75, but was revised by the periodic update to 70 in the U1C12 report.
25. For examination category R-A, the number of welds credited in the second period was 25 welds.
26. Examination category R-A, item number R1.16 for the total number examinations required for the interval in the second period was 3, but was revised by the periodic update to 6 in the U1C12 report.

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UNIT: ONE
COMMERCIAL SERVICE DATE: JULY 1, 1981
NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

EXAMINATION CREDIT SUMMARY
ASME SECTION XI EXAMINATIONS FOR THE THIRD
OUTAGE (U1C14) OF THE THIRD PERIOD OF THE SECOND TEN-YEAR
INSPECTION INTERVAL
(continued)

27. Examination category B-J examinations changed from 259 to 261 for total number required for the interval due to the steam generator replacement in the U1C12 report.
28. Examination category R-A, item number R1.11(VT) examinations for the second period was 62 segments, but was revised by the periodic update to 50 segments in the U1C12 report.
29. Examination category R-A, item number R1.12 examinations for the second period was 34 segments, but was revised by the periodic update to 29 segments in the U1C12 report.
30. Due to the changes in the RI-ISI program for the periodic update the examinations category R-A, item number R1.16 the number required for credit for the second interval was 3.
31. Examination category B-E, was moved to Appendix C in the U1C13 report.
32. Only 5 of the 6 groups had a valve disassembled in the second interval.
33. Examination category R-A, item number R1.11, the number of welds credited in the third period was 24.
34. Valve 63-632 bolting B-G-2 was examined in U1C14. Credit had been taken for the bolting (studs) in U1C8 (see note 1).
35. Valve FCV-74-2 bolting was examined in place in U1C14.
36. Valve 63-641 bolting was examined when disassembled in U1C14.

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UNIT: ONE COMMERCIAL SERVICE DATE: JULY 1, 1981 NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED	CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

**EXAMINATION CODE CATEGORY
AND ITEM NUMBER SUMMARY**

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OWNER: TENNESSEE VALLEY AUTHORITY 1101 MARKET STREET CHATTANOOGA, TENNESSEE 37402-2801	PLANT: SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000
UNIT: ONE COMMERCIAL SERVICE DATE: JULY 1, 1981 NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED	CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

EXAMINATION CODE CATEGORY AND ITEM NUMBER SUMMARY ASME SECTION XI CREDIT UNIT 1 CYCLE 14 CLASS 1 COMPONENTS				
COMPONENT	EXAM METHOD	CODE CATEGORY	CODE ITEM NUMBER	Total
Reactor Vessel Shell Welds- Circumferential	UT	B-A	B1.11	4
Reactor Vessel Head Welds (Closure and Lower)	UT	B-A	B1.21	2
Reactor Vessel Head welds (Meridional)	UT	B-A	B1.22	6
Reactor Vessel Shell to Flange Weld	UT	B-A	B1.30	1
Reactor Vessel Inside Radius Section	VT-1 Code Case N-648-1	B-D	B3.100	8
Reactor Vessel Nozzle to Vessel Welds	UT	B-D	B3.90	8
RHRS Valve Bolting <= 2" in Diameter	VT-1	B-G-2	B7.70	2
SIS Valve Bolting <= 2" in Diameter	VT-1	B-G-2	B7.70	see note 1
RCP Casing Weld	VT-1 Code Case N-481	B-L-1	B12.10	1
RHRS Valve Body Interior Surface	VT-3	B-M-2	B12.50	1
Reactor Vessel Interior Accessible Areas	VT-3	B-N-1	B13.10	1
Reactor Vessel Interior Attachments Beyond Beltline Region	VT-3	B-N-2	B13.60	6
Reactor Vessel Core Support Structure Accessible Surfaces	VT-3	B-N-3	B13.70	1
Reactor Vessel Welds in CRD Housing	UT	B-O	B14.10	2
Reactor Vessel Class 1 Equipment Support	VT-3	F-A	F1.40	1

Note: 1. Valve 63-632 bolting B-G-2 credit had been taken on the studs in U1C8 and credit for super nuts taken in U1C14.

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UNIT: ONE COMMERCIAL SERVICE DATE: JULY 1, 1981 NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED	CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

EXAMINATION CODE CATEGORY AND ITEM NUMBER SUMMARY ASME SECTION XI CREDIT UNIT 1 CYCLE 14 CLASS 2 COMPONENTS				
COMPONENT	EXAM METHOD	CODE CATEGORY	CODE ITEM NUMBER	Total
CSS Heat Exchanger 1B-B	UT	C-A	C1.10	2
CSS Heat Exchanger 1B-B	UT	C-A	C1.30	1
CSS Heat Exchanger 1B-B	UT/PT	C-B	C2.21	2
RHRS Heat Exchanger	see note 1	C-B	C2.21	1 see note 1
CSS Heat Exchanger 1A-A	MT	C-C	C3.10	1
CSS Heat Exchanger 1B-B	PT	C-C	C3.10	1
CSS Heat Exchanger 1A-A and 1B-B	VT-3	F-A	F1.40	2

Note 1. See Examination Credit Summary note 15, one insided radius section was added for tracking.

OWNER: TENNESSEE VALLEY AUTHORITY 1101 MARKET STREET CHATTANOOGA, TENNESSEE 37402-2801	PLANT: SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000
UNIT: ONE COMMERCIAL SERVICE DATE: JULY 1, 1981 NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED	CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

**EXAMINATION CODE CATEGORY
AND ITEM NUMBER SUMMARY
ASME SECTION XI CREDIT UNIT 1 CYCLE 14
CLASS 1 AND 2 RI-ISI COMPONENTS**

COMPONENT	EXAM METHOD	CODE CATEGORY	CODE ITEM NUMBER	Total
RV Piping Welds	UT	R-A	R1.11	8
SGBS FAC Piping Areas	UT-THK	R-A	R1.18	1
FWS FAC Piping Areas	UT-THK	R-A	R1.18	2

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UNIT: ONE
COMMERCIAL SERVICE DATE: JULY 1, 1981
NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

**EXAMINATION CODE CATEGORY
AND ITEM NUMBER SUMMARY
ASME SECTION XI CREDIT UNIT 1 CYCLE 14
STEAM GENERATORS**

COMPONENT	EXAM METHOD	CODE CATEGORY	CODE ITEM NUMBER	Total
TUBING *	ET	B-Q	B16.20	*

* See Appendix A for Summary of Steam Generator Eddy Current Examinations. During U1C14 there were no examinations performed on the tubing.

OWNER: TENNESSEE VALLEY AUTHORITY 1101 MARKET STREET CHATTANOOGA, TENNESSEE 37402-2801	PLANT: SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000
UNIT: ONE COMMERCIAL SERVICE DATE: JULY 1, 1981 NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED	CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

EXAMINATION CODE CATEGORY AND ITEM NUMBER SUMMARY ASME SECTION XI CREDIT UNIT 1 CYCLE 14 PRESSURE TESTS				
COMPONENT	EXAM METHOD	CODE CATEGORY	CODE ITEM NUMBER	Total
PRESSURE TEST *	VT-2	*	*	*

* See Appendix C for Summary of Pressure Tests.

OWNER: TENNESSEE VALLEY AUTHORITY 1101 MARKET STREET CHATTANOOGA, TENNESSEE 37402-2801	PLANT: SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000
UNIT: ONE COMMERCIAL SERVICE DATE: JULY 1, 1981 NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED	CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

**EXAMINATION CODE CATEGORY
AND ITEM NUMBER SUMMARY
ASME SECTION XI CREDIT UNIT 1 CYCLE 14
SUCCESSIVE EXAMINATIONS COMPONENTS**

COMPONENT	EXAM METHOD	CODE CATEGORY	CODE ITEM NUMBER	Total
SIS Class 2 Supports- Function B	VT-3	F-A	F1.20B	1
CVCS Class 2 Supports- Function C	VT-3	F-A	F1.20C	1
SG Class 1 SG Supports	VT-3	F-A	F1.40	2
SG Class 2 SG Supports	VT-3	F-A	F1.40	1
RHRS Class 2 Valves Supports	VT-3	F-A	F1.40	1

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SODDY DAISY, TENNESSEE 37384-2000

UNIT: ONE
COMMERCIAL SERVICE DATE: JULY 1, 1981
NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

SECTION 2

**EXAMINATION PLAN
(POST OUTAGE INSERVICE REPORT
AND
PRESERVICE REPORT)**

OWNER: TENNESSEE VALLEY AUTHORITY 1101 MARKET STREET CHATTANOOGA, TENNESSEE 37402-2801	PLANT: SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000
UNIT: ONE COMMERCIAL SERVICE DATE: JULY 1, 1981 NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED	CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

This Section contains a standardized Post Outage ISI Report to satisfy the Reporting Requirements of IWA-6000 of the ASME Section XI Code. This report contains the inservice and preservice inspection data for Class 1 and 2 components defined in O-SI-DXI-000-114.2, "ASME Section XI ISI/NDE Program Unit 1 and Unit 2".

For Unit 1 Cycle 14 no steam generator tubing eddy current examination were performed see **Appendix A**.

For Unit 1 Cycle 14 system pressure testing results see **Appendix C**.

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

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

UNIT: ONE
COMMERCIAL SERVICE DATE: JULY 1, 1981
NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

POST OUTAGE INSERVICE REPORT

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

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

CERTIFICATION OF AUTHORIZATION: NOT REQUIRED

EXAM REQUIREMENT: 89E-02 UNIT: 1 CYCLE: 14 COMMERCIAL SERVICE DATE: JULY 1, 1981 NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

System	Component Number	ISO Drawing	Category	Item Number	Exam Scheduled	NDE Procedure	Calibration Standard	Exam Date	Exam Report	Exam Results	NOI Number	Comments
RV	W02-03	ISI-0504-C-02	B-A	B1.11	UT	VENDOR	SQ-43	20060426	R-8386	Passed		REFER TO PROCEDURE 1-VI-ISI-068-001.0
RV	W03-04	ISI-0504-C-02	B-A	B1.11	UT	VENDOR	SQ-44	20060425	R-8386	Passed		REFER TO PROCEDURE 1-VI-ISI-068-001.0
RV	W04-05	ISI-0504-C-02	B-A	B1.11	UT	VENDOR	SQ-44	20060429	R-8386	Passed		REFER TO PROCEDURE 1-VI-ISI-068-001.0
RV	W05-06	ISI-0504-C-02	B-A	B1.11	UT	VENDOR	SQ-44 SQ-45	20060426	R-8386	Passed		REFER TO PROCEDURE 1-VI-ISI-068-001.0
RV	W01-02	ISI-0504-C-02	B-A	B1.21	UT	VENDOR	SQ-43	20060427	R-8386	Passed		REFER TO PROCEDURE 1-VI-ISI-068-001.0
RV	W09-10	ISI-0504-C-09	B-A	B1.21	UT	N-UT-78	SQ-46	20060423	R-8365	Passed		THIS WELD HAD A FLAW (W09-10B-FLAW) THAT WAS PREVIOUSLY EXAMINED FOR THREE SUCCESSIVE INSPECTION PERIODS AND REMAINED ESSENTIALLY UNCHANGED. 95% EXAMINATION COVERAGE ACHIEVED.
RV	W2A	ISI-0504-C-02	B-A	B1.22	UT	VENDOR	SQ-43 SQ-45	20060427	R-8386	Passed		REFER TO PROCEDURE 1-VI-ISI-068-001.0
RV	W2B	ISI-0504-C-02	B-A	B1.22	UT	VENDOR	SQ-43 SQ-45	20060427	R-8386	Passed		REFER TO PROCEDURE 1-VI-ISI-068-001.0
RV	W2C	ISI-0504-C-02	B-A	B1.22	UT	VENDOR	SQ-43 SQ-45	20060427	R-8386	Passed		REFER TO PROCEDURE 1-VI-ISI-068-001.0
RV	W2D	ISI-0504-C-02	B-A	B1.22	UT	VENDOR	SQ-43 SQ-45	20060427	R-8386	Passed		REFER TO PROCEDURE 1-VI-ISI-068-001.0
RV	W2E	ISI-0504-C-02	B-A	B1.22	UT	VENDOR	SQ-43 SQ-45	20060427	R-8386	Passed		REFER TO PROCEDURE 1-VI-ISI-068-001.0
RV	W2F	ISI-0504-C-02	B-A	B1.22	UT	VENDOR	SQ-43 SQ-45	20060427	R-8386	Passed		REFER TO PROCEDURE 1-VI-ISI-068-001.0
RV	W06-07	ISI-0504-C-02	B-A	B1.30	UT	VENDOR	SQ-45	20060427	R-8386	Passed		REFER TO RFR PDI-4, L44050808030
RV	N11-IR	ISI-0504-C-02	B-D	B3.100	VT-1	N-VT-8		20060428	R-8379	Passed		ENHANCED VT-1 EXAMINATION PER CODE CASE N-648-1
RV	N12-IR	ISI-0504-C-02	B-D	B3.100	VT-1	N-VT-8		20060428	R-8379	Passed		ENHANCED VT-1 EXAMINATION PER CODE CASE N-648-1
RV	N13-IR	ISI-0504-C-02	B-D	B3.100	VT-1	N-VT-8		20060428	R-8379	Passed		ENHANCED VT-1 EXAMINATION PER CODE CASE N-648-1
RV	N14-IR	ISI-0504-C-02	B-D	B3.100	VT-1	N-VT-8		20060428	R-8379	Passed		ENHANCED VT-1 EXAMINATION PER CODE CASE N-648-1
RV	N15-IR	ISI-0504-C-02	B-D	B3.100	VT-1	N-VT-8		20060428	R-8379	Passed		ENHANCED VT-1 EXAMINATION PER CODE CASE N-648-1
RV	N16-IR	ISI-0504-C-02	B-D	B3.100	VT-1	N-VT-8		20060428	R-8379	Passed		ENHANCED VT-1 EXAMINATION PER CODE CASE N-648-1
RV	N17-IR	ISI-0504-C-02	B-D	B3.100	VT-1	N-VT-8		20060428	R-8379	Passed		ENHANCED VT-1 EXAMINATION PER CODE CASE N-648-1

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

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

CERTIFICATION OF AUTHORIZATION: NOT REQUIRED

EXAM REQUIREMENT: 89E-02 UNIT: 1 CYCLE: 14 COMMERCIAL SERVICE DATE: JULY 1, 1981 NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

System	Component Number	ISO Drawing	Category	Item Number	Exam Scheduled	NDE Procedure	Calibration Standard	Exam Date	Exam Report	Exam Results	NOI Number	Comments
RV	N18-IR	ISI-0504-C-02	B-D	B3.100	VT-1	N-VT-8		20060428	R-8379	Passed		ENHANCED VT-1 EXAMINATION PER CODE CASE N-648-1
RV	N11	ISI-0504-C-02	B-D	B3.90	UT	VENDOR	SQ-53	20060429	R-8386	Passed		REFER TO PROCEDURE 1-VI-ISI-068-001.0
RV	N12	ISI-0504-C-02	B-D	B3.90	UT	VENDOR	SQ-53	20060429	R-8386	Passed		REFER TO PROCEDURE 1-VI-ISI-068-001.0
RV	N13	ISI-0504-C-02	B-D	B3.90	UT	VENDOR	SQ-53	20060429	R-8386	Passed		REFER TO PROCEDURE 1-VI-ISI-068-001.0
RV	N14	ISI-0504-C-02	B-D	B3.90	UT	VENDOR	SQ-53	20060429	R-8386	Passed		REFER TO PROCEDURE 1-VI-ISI-068-001.0
RV	N15	ISI-0504-C-02	B-D	B3.90	UT	VENDOR	SQ-53	20060429	R-8386	Passed		REFER TO PROCEDURE 1-VI-ISI-068-001.0
RV	N16	ISI-0504-C-02	B-D	B3.90	UT	VENDOR	SQ-53	20060429	R-8386	Passed		REFER TO PROCEDURE 1-VI-ISI-068-001.0
RV	N17	ISI-0504-C-02	B-D	B3.90	UT	VENDOR	SQ-53	20060429	R-8386	Passed		REFER TO PROCEDURE 1-VI-ISI-068-001.0
RV	N18	ISI-0504-C-02	B-D	B3.90	UT	VENDOR	SQ-53	20060429	R-8386	Passed		REFER TO PROCEDURE 1-VI-ISI-068-001.0
RHRS	63-641-BC	CHM-2336-C-06	B-G-2	B7.70	VT-1	N-VT-1		20060420	R-8360	Passed		PERFORM WHEN REMOVED, REF WO#05-776060-000
RHRS	FCV-74.2-BC	CHM-2336-C-01	B-G-2	B7.70	VT-1	N-VT-1		20060422	R-8358	Failed	1-SQ-472	
SIS	63-632-BC	CHM-2333-C-10	B-G-2	B7.70	VT-1	N-VT-1		20060419	R-8359	Passed		EXAMINED SUPER NUTS FOR CREDIT. (COMMENT ADDED TO DATABASE ON 6-27-06.)
RCP	RCW-RCP-4	ISI-0325-C-02	B-L-1	B12.10	VT-1	N-VT-1		20060421	R-8357	Passed		CODE CASE N481, EXTERNAL SURFACE
RHRS	63-641	CHM-2336-C-06	B-M-2	B12.50	VT-3	N-VT-1		20060419	R-8378	Passed		WO# 05-776060-000
RV	RVINT	ISI-0504-C-03	B-N-1	B13.10	VT-3	N-VT-8		20060421	R-8355	Engineering	1-SQ-469	SEE REPORT R-8380
RV	RVINT	ISI-0504-C-03	B-N-1	B13.10	VT-3	N-VT-8		20060428	R-8380	Passed		SEE REPORT R-8355
RV	RVIA-1	ISI-0504-C-03	B-N-2	B13.60	VT-3	N-VT-8		20060428	R-8381	Passed		
RV	RVIA-2	ISI-0504-C-03	B-N-2	B13.60	VT-3	N-VT-8		20060428	R-8381	Passed		
RV	RVIA-3	ISI-0504-C-03	B-N-2	B13.60	VT-3	N-VT-8		20060428	R-8381	Passed		
RV	RVIA-4	ISI-0504-C-03	B-N-2	B13.60	VT-3	N-VT-8		20060428	R-8381	Passed		
RV	RVIA-5	ISI-0504-C-03	B-N-2	B13.60	VT-3	N-VT-8		20060428	R-8381	Passed		
RV	RVIA-6	ISI-0504-C-03	B-N-2	B13.60	VT-3	N-VT-8		20060428	R-8381	Passed		
RV	RVCSUPST	ISI-0504-C-03	B-N-3	B13.70	VT-3	N-VT-8		20060421	R-8356	Engineering	1-SQ-470	SEE REPORT R-8382
RV	RVCSUPST	ISI-0504-C-03	B-N-3	B13.70	VT-3	N-VT-8		20060428	R-8382	Passed		SEE REPORT R-8356
RV	CRDW-62	ISI-0504-C-10	B-O	B14.10	UT	N-UT-18	SQ-82 SQ-83	20060423	R-8366	Passed		
RV	CRDW-74	ISI-0504-C-10	B-O	B14.10	UT	N-UT-18	SQ-82 SQ-83	20060423	R-8377	Passed		
CSS	CSHXW-5-B	ISI-0462-C-02	C-A	C1.10	UT	N-UT-18	SQ-15	20060322	R-8308	Passed		
CSS	CSHXW-9-B	ISI-0462-C-02	C-A	C1.10	UT	N-UT-18	SQ-104	20060320	R-8305	Passed		
CSS	CSHXW-8-B	ISI-0462-C-02	C-A	C1.30	UT	N-UT-18	SQ-105	20060320	R-8304	Passed		

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

CERTIFICATION OF AUTHORIZATION: NOT REQUIRED

EXAM REQUIREMENT: 89E-02 UNIT: 1 CYCLE: 14 COMMERCIAL SERVICE DATE: JULY 1, 1981 NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

System	Component Number	ISO Drawing	Category	Item Number	Exam Scheduled	NDE Procedure	Calibration Standard	Exam Date	Exam Report	Exam Results	NOI Number	Comments
CSS	CSHXW-6-B	ISI-0462-C-02	C-B	C2.21	PT	N-PT-9		20060321	R-8291	Passed		SEE RFR 1-ISI-14 (L44991006005)
CSS	CSHXW-6-B	ISI-0462-C-02	C-B	C2.21	UT	N-UT-18	BNP-17	20060323	R-8309	Passed		SEE RFR 1-ISI-14 (L44991006005); 68.4% EXAMINATION COVERAGE ACHIEVED
CSS	CSHXW-7-B	ISI-0462-C-02	C-B	C2.21	PT	N-PT-9		20060321	R-8292	Passed		SEE RFR 1-ISI-14 (L44991006005)
CSS	CSHXW-7-B	ISI-0462-C-02	C-B	C2.21	UT	N-UT-18	BNP-17	20060323	R-8310	Passed		SEE RFR 1-ISI-14 (L44991006005); 68.4% EXAMINATION COVERAGE ACHIEVED
CSS	CSHXH-A-1-IA	ISI-0462-C-01	C-C	C3.10	MT	N-MT-6		20060430	R-8385	Passed		
CSS	CSHXH-B-2-IA	ISI-0462-C-02	C-C	C3.10	PT	N-PT-9		20060323	R-8293	Passed		
CSS	CSHXH-A-1	ISI-0462-C-01	F-A	F1.40E1	VT-3	N-VT-1		20060430	R-8384	Passed		
CSS	CSHXH-B-2	ISI-0462-C-02	F-A	F1.40E1	VT-3	N-VT-1		20060323	R-8290	Passed		
RV	RVH-1	ISI-0504-C-04	F-A	F1.40E4	VT-3	N-VT-1		20060413	R-8316	Passed		ALSO EXAMINE FOR BORIC ACID CORROSION, PREPARE SPP-9.7-3 FORM IF NEEDED
RV	RC-01-SE	ISI-0504-C-03	R-A	R1.11	UT	VENDOR		20060421	R-8386	Passed		REFER TO PROCEDURE 1-VI-ISI-068-001.0 AND L29 050322 800
RV	RC-08-SE	ISI-0504-C-03	R-A	R1.11	UT	VENDOR		20060422	R-8386	Passed		REFER TO PROCEDURE 1-VI-ISI-068-001.0 AND L29 050322 800
RV	RC-09-SE	ISI-0504-C-03	R-A	R1.11	UT	VENDOR		20060422	R-8386	Passed		REFER TO PROCEDURE 1-VI-ISI-068-001.0 AND L29 050322 800
RV	RC-16-SE	ISI-0504-C-03	R-A	R1.11	UT	VENDOR		20060422	R-8386	Passed		REFER TO PROCEDURE 1-VI-ISI-068-001.0 AND L29 050322 800
RV	RC-17-SE	ISI-0504-C-03	R-A	R1.11	UT	VENDOR		20060422	R-8386	Passed		REFER TO PROCEDURE 1-VI-ISI-068-001.0 AND L29 050322 800
RV	RC-24-SE	ISI-0504-C-03	R-A	R1.11	UT	VENDOR		20060422	R-8386	Passed		REFER TO PROCEDURE 1-VI-ISI-068-001.0 AND L29 050322 800
RV	RC-25-SE	ISI-0504-C-03	R-A	R1.11	UT	VENDOR		20060422	R-8386	Passed		REFER TO PROCEDURE 1-VI-ISI-068-001.0 AND L29 050322 800
RV	RC-32-SE	ISI-0504-C-03	R-A	R1.11	UT	VENDOR		20060422	R-8386	Passed		REFER TO PROCEDURE 1-VI-ISI-068-001.0 AND L29 050322 800
FWS	FW-005 SEGMENT	FAC PROGRAM	R-A	R1.18	UT-THK	N-UT-26	N/A	20060421	R-8362	Passed		INSPECTION LIST NUMBER 03-10, ID# 103BT177
FWS	FW-010 SEGMENT	FAC PROGRAM	R-A	R1.18	UT-THK	N-UT-26	N/A	20060418	R-8353	Passed		INSPECTION LIST NUMBER 03-11, ID# 103BE222
SGBS	BD-010 SEGMENT	FAC PROGRAM	R-A	R1.18	UT-THK	N-UT-26	N/A	20060415	R-8352	Passed		INSPECTION LIST NUMBER 05-04, ID# 115N219

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

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

UNIT: ONE
COMMERCIAL SERVICE DATE: JULY 1, 1981
NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

POST OUTAGE PRESERVICE REPORT

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

PLANT: SEQUOYAH NUCLEAR PLANT
P.O. BOX 2000
SODDY DAISY, TENNESSEE 37384-2000
CERTIFICATION OF AUTHORIZATION: NOT REQUIRED

EXAM REQUIREMENT: P08-02 UNIT: 1 CYCLE: 14 COMMERCIAL SERVICE DATE: JULY 1, 1981 NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

System	Component Number	ISO Drawing	Category	Item Number	Exam Scheduled	NDE Procedure	Calibration Standard	Exam Date	Exam Report	Exam Results	NOI Number	Comments
RHRS	63-641-BC	CHM-2336-C-06	B-G-2	B7.70	VT-1	N-VT-1		20060418	R-8336	Passed		12 SUPERNUTS & 12 WASHERS; WO#05-776060-000
SIS	63-633-BC	CHM-2333-C-09	B-G-2	B7.70	VT-1	N-VT-1		20060418	R-8337	Passed		12 SUPERNUTS & 12 WASHERS; WO# 05-779154-000
SIS	63-634-BC	CHM-2333-C-10	B-G-2	B7.70	VT-1	N-VT-1		20060418	R-8338	Passed		12 SUPERNUTS & 12 WASHERS; WO# 04-783562-000

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

PLANT: SEQUOYAH NUCLEAR PLANT
P.O. BOX 2000
SODDY DAISY, TENNESSEE 37384-2000
CERTIFICATION OF AUTHORIZATION: NOT REQUIRED

EXAM REQUIREMENT: R04-02 UNIT: 1 CYCLE: 14 COMMERCIAL SERVICE DATE: JULY 1, 1981 NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

System	Component Number	ISO Drawing	Category	Item Number	Exam Scheduled	NDE Procedure	Calibration Standard	Exam Date	Exam Report	Exam Results	NOI Number	Comments
RHRS	FCV-74-2-BC	CHM-2336-C-01	B-G-2	B7.70	VT-1	N-VT-1		20060429	R-8383	Passed		EXAMINATION AFTER REMOVING LEAKAGE BUILDUP; NOI 1-SQ-472

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

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

UNIT: ONE
COMMERCIAL SERVICE DATE: JULY 1, 1981
NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

SECTION 3

SUMMARY OF NOTIFICATION OF INDICATIONS

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

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

UNIT: ONE
COMMERCIAL SERVICE DATE: JULY 1, 1981
NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

SUMMARY OF NOTIFICATION OF INDICATIONS

The Unit 1 Cycle 14 Inservice Inspection of Class 1 and 2 components at Sequoyah Nuclear Plant included a total of three Notification of Indications (NOIs) identified during inservice examinations. The following is a listing of the NOIs and a brief summary of the corrective measures taken for each.

OWNER: TENNESSEE VALLEY AUTHORITY 1101 MARKET STREET CHATTANOOGA, TENNESSEE 37402-2801	PLANT: SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000
UNIT: ONE COMMERCIAL SERVICE DATE: JULY 1, 1981 NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED	CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

SUMMARY:
NOTIFICATION OF INDICATIONS IDENTIFIED DURING
INSERVICE EXAMINATIONS ON CLASS 1 AND 2 COMPONENTS

NOI NUMBER	COMPONENT IDENTIFIER	DISCREPANCY	WORK INSTRUCTION	RE-EXAMINATION
1-SQ-469	RVINT Class 1	Gouging on the outlet nozzle (N-18) mating surface (VT-3)	No actions required	No re-examination required
DISPOSITION: The relevant conditions reported did not exceed the acceptance criteria of IWB-3520.2. Reference TVA-06-34 (Westinghouse document LTR-RIDA-06-29)				
1-SQ-470	RVSUPST Class 1	Gouging on the outlet mating surface at RV nozzle N-18 (VT-3)	No actions required	No re-examination required
DISPOSITION: The relevant conditions reported did not exceed the acceptance criteria of IWB-3520.2. Reference TVA-06-34 (Westinghouse document LTR-RIDA-06-29)				
1-SQ-472	FCV-74-2-BC Class 1	Coolant leakage buildup around the bolting (VT-1)	WO# 06-773568-000	Yes R-8383
DISPOSITION: Bolting cleaned and re-examined.				

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UNIT: ONE
COMMERCIAL SERVICE DATE: JULY 1, 1981
NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

SECTION 4 ADDITIONAL SAMPLES

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

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

UNIT: ONE
COMMERCIAL SERVICE DATE: JULY 1, 1981
NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

ADDITIONAL SAMPLE SUMMARY

There was one examination requiring an additional sample for
Unit 1 Cycle 14.

OWNER: TENNESSEE VALLEY AUTHORITY 1101 MARKET STREET CHATTANOOGA, TENNESSEE 37402-2801	PLANT: SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000
UNIT: ONE COMMERCIAL SERVICE DATE: JULY 1, 1981 NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED	CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

ADDITIONAL SAMPLE SUMMARY

ADDITIONAL SAMPLE SUMMARY				
CODE REFERENCE	SYSTEM	ORIGINAL COMPONENT	REPORT EXAM REQUIREMENT REFERENCE	NUMBER OF COMPONENTS EXAMINED
B-G-2 B7.70	RHRS	FCV-74-2-BC	A09-02	1 Valve FCV-74-1-BC
DESCRIPTION: Notification of indication number 1-SQ-472, first additional sample per IWB-2430.				

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PLANT: SEQUOYAH NUCLEAR PLANT
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SODDY DAISY, TENNESSEE 37384-2000
CERTIFICATION OF AUTHORIZATION: NOT REQUIRED

EXAM REQUIREMENT: A09-02 UNIT: 1 CYCLE: 14 COMMERCIAL SERVICE DATE: JULY 1, 1981 NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

System	Component Number	ISO Drawing	Category	Item Number	Exam Scheduled	NDE Procedure	Calibration Standard	Exam Date	Exam Report	Exam Results	NOI Number	Comments
RHRS	FCV-74-1-BC	CHM-2336-C-01	B-G-2	B7.70	VT-1	N-VT-1		20060425	R-8363	Passed		ADDITIONAL SAMPLE FOR NOI 1-SQ-472

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OWNER: TENNESSEE VALLEY AUTHORITY
1101 MARKET STREET
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PLANT: SEQUOYAH NUCLEAR PLANT
P.O. BOX 2000
SODDY DAISY, TENNESSEE 37384-2000

UNIT: ONE
COMMERCIAL SERVICE DATE: JULY 1, 1981
NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

SECTION 5

SUCCESSIVE EXAMINATIONS

OWNER: TENNESSEE VALLEY AUTHORITY 1101 MARKET STREET CHATTANOOGA, TENNESSEE 37402-2801	PLANT: SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000
UNIT: ONE COMMERCIAL SERVICE DATE: JULY 1, 1981 NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED	CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

SUCCESSIVE EXAMINATIONS

COMPONENT	CATEGORY AND ITEM NUMBER	EXAM METHOD	PROGRAM 0-SI-DXI-000-114.2 REFERENCE SECTION	RESULTS
1-CVCH-502	F-A F1.20C	VT-3	Attachment 8	Acceptable
Note: This is the a voluntary successive examination.				
1-SIH-453	F-A F1.20B	VT-3	7.2.E.9	Acceptable
Note: This is the additional preservice examination required by Code Case N-491, paragraph - 2220.				
SGH-1-2	F-A F1.40	VT-3	Attachment 8	Acceptable
Note: This is a voluntary successive examination.				
SGH-4-2	F-A F1.40	VT-3	Attachment 8	Acceptable
Note: This is a voluntary successive examination.				
SGH-4-1	F-A F1.40	VT-3	Attachment 8	Acceptable
Note: This is the additional successive examination.				
1-RHRH-449A	F-A F1.40	VT-3	Attachment 8	Acceptable
Note: This is a voluntary successive examination.				

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

CERTIFICATION OF AUTHORIZATION: NOT REQUIRED

EXAM REQUIREMENT: S02-02 UNIT: 1 CYCLE: 14 COMMERCIAL SERVICE DATE: JULY 1, 1981 NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

System	Component Number	ISO Drawing	Category	Item Number	Exam Scheduled	NDE Procedure	Calibration Standard	Exam Date	Exam Report	Exam Results	NOI Number	Comments
SIS	1-SIH-453	CHM-2436-C-03	F-A	F1.20B	VT-3	N-VT-1		20060316	R-8286	Passed		
CVCS	1-CVCH-502	ISI-0448-C-29	F-A	F1.20C	VT-3	N-VT-1		20060329	R-8307	Passed		VOLUNTARY SUCCESSIVE; RANGE 1-27/64" - 1-59/64" OR 172#-190#
SG	SGH-1-2	ISI-0399-C-02	F-A	F1.40E1	VT-3	N-VT-1		20060424	R-8364	Passed		CLARIFY EXAM BOUNDARY, SEE R-8198 U1C13; VOLUNTARY SUCCESSIVE EXAMINATION
SG	SGH-4-2	ISI-0399-C-02	F-A	F1.40E1	VT-3	N-VT-1		20060421	R-8361	Passed		CLARIFY EXAM BOUNDARY, SEE R-8199 U1C13, VOLUNTARY SUCCESSIVE
SG	SGH-4-1	ISI-0399-C-02	F-A	F1.40E2	VT-3	N-VT-1		20060418	R-8340	Passed		CLARIFY EXAM BOUNDARY, SEE R-8216 U1C13
RHRS	1-RHRH-449A	CHM-2435-C-03	F-A	F1.40E9	VT-3	N-VT-1		20060321	R-8289	Passed		VOLUNTARY SUCCESSIVE; RANGE: 5/8"-55/64" OR 330# - 364#

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OWNER: TENNESSEE VALLEY AUTHORITY 1101 MARKET STREET CHATTANOOGA, TENNESSEE 37402-2801	PLANT: SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000
UNIT: ONE COMMERCIAL SERVICE DATE: JULY 1, 1981 NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED	CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

SECTION 6

AUGMENTED EXAMINATIONS

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

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

UNIT: ONE
COMMERCIAL SERVICE DATE: JULY 1, 1981
NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

Augmented Examinations

The reactor vessel nozzle cladding augmented examination per TVA Commitment was performed during Unit 1 Cycle 14 as part of the Inservice Inspection Program, O-SI-DXI-000-114.2, and requires submittal to the regulatory agency. The extent of examination was the length and depth sizing of all flaws identified during the previous examination in U1C6 using a NDE procedure qualified in accordance with ASME Section XI, Appendix VIII, Supplement 4. The re-examination results of the reactor vessel nozzle cladding flaws identified during the U1C6 examination remained essentially unchanged.

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PLANT: SEQUOYAH NUCLEAR PLANT
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SODDY DAISY, TENNESSEE 37384-2000

CERTIFICATION OF AUTHORIZATION: NOT REQUIRED

EXAM REQUIREMENT: D01-02 UNIT: 1 CYCLE: 14 COMMERCIAL SERVICE DATE: JULY 1, 1981 NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

System	Component Number	ISO Drawing	Category	Item Number	Exam Scheduled	NDE Procedure	Calibration Standard	Exam Date	Exam Report	Exam Results	NOI Number	Comments
RV	N11CLAD	ISI-0504-C-02	3.0	N/A	UT	VENDOR	VENDOR	20060428	R-8386	Passed		REFER TO PROCEDURE 1-VI-ISI-068-001.0 AND L18 051005 000
RV	N12CLAD	ISI-0504-C-02	3.0	N/A	UT	VENDOR	VENDOR	20060428	R-8386	Passed		REFER TO PROCEDURE 1-VI-ISI-068-001.0 AND L18 051005 000
RV	N13CLAD	ISI-0504-C-02	3.0	N/A	UT	VENDOR	VENDOR	20060428	R-8386	Passed		REFER TO PROCEDURE 1-VI-ISI-068-001.0 AND L18 051005 000
RV	N14CLAD	ISI-0504-C-02	3.0	N/A	UT	VENDOR	VENDOR	20060428	R-8386	Passed		REFER TO PROCEDURE 1-VI-ISI-068-001.0 AND L18 051005 000
RV	N15CLAD	ISI-0504-C-02	3.0	N/A	UT	VENDOR	VENDOR	20060428	R-8386	Passed		REFER TO PROCEDURE 1-VI-ISI-068-001.0 AND L18 051005 000
RV	N16CLAD	ISI-0504-C-02	3.0	N/A	UT	VENDOR	VENDOR	20060423	R-8386	Passed		REFER TO PROCEDURE 1-VI-ISI-068-001.0 AND L18 051005 000
RV	N17CLAD	ISI-0504-C-02	3.0	N/A	UT	VENDOR	VENDOR	20060428	R-8386	Passed		REFER TO PROCEDURE 1-VI-ISI-068-001.0 AND L18 051005 000
RV	N18CLAD	ISI-0504-C-02	3.0	N/A	UT	VENDOR	VENDOR	20060428	R-8386	Passed		REFER TO PROCEDURE 1-VI-ISI-068-001.0 AND L18 051005 000

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OWNER: TENNESSEE VALLEY AUTHORITY 1101 MARKET STREET CHATTANOOGA, TENNESSEE 37402-2801	PLANT: SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000
UNIT: ONE COMMERCIAL SERVICE DATE: JULY 1, 1981 NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED	CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

SECTION 7

ANALYTICAL EVALUATIONS

There were no analytical evaluation assessments required for acceptance during Unit 1 Cycle 14 reporting period.

OWNER: TENNESSEE VALLEY AUTHORITY
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UNIT: ONE
COMMERCIAL SERVICE DATE: JULY 1, 1981
NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

SECTION 8
REQUEST FOR RELIEF

OWNER: TENNESSEE VALLEY AUTHORITY 1101 MARKET STREET CHATTANOOGA, TENNESSEE 37402-2801	PLANT: SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000
UNIT: ONE COMMERCIAL SERVICE DATE: JULY 1, 1981 NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED	CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

During Unit 1 Cycle 14 there were ten code class 1 and no code class 2 components 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 10CFR 50.55a. The percentage of examination coverage was derived from methods established in the TVA NDE Procedures Manual or the ISI Southwest Technologies Nondestructive Examination Procedures. The following is a component summary.

REQUEST FOR RELIEF SUMMARY ASME SECTION XI UNIT 1 CYCLE 14					
COMPONENT	CODE CLASS	CODE CATEGORY	CODE ITEM NUMBER	EXAMINATION METHOD	PERCENT COVERAGE
W02-03	1	B-A	B1.11	UT	77%
Examination report R-8386. Examination is limited due to the location of the reactor vessel core support lugs.					
W01-02	1	B-A	B1.21	UT	52%
Examination report R-8386. Examination is limited due to the configuration of the instrumentation tubes which penetrate the lower head.					
W2C	1	B-A	B1.22	UT	87%
Examination report R-8386. Examination is limited due to the configuration of the instrumentation tubes which penetrate the lower head.					
W2E	1	B-A	B1.22	UT	86%
Examination report R-8386. Examination is limited due to the configuration of the instrumentation tubes which penetrate the lower head.					
W2F	1	B-A	B1.22	UT	81%
Examination report R-8386. Examination is limited due to the configuration of the instrumentation tubes which penetrate the lower head.					

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UNIT: ONE COMMERCIAL SERVICE DATE: JULY 1, 1981 NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED	CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

<p align="center">REQUEST FOR RELIEF SUMMARY ASME SECTION XI UNIT 1 CYCLE 14 (continued)</p>					
COMPONENT	CODE CLASS	CODE CATEGORY	CODE ITEM NUMBER	EXAMINATION METHOD	PERCENT COVERAGE
N-15 N-16 N-17 N-18	1	B-D	B3.90	UT	81%
Examination report R-8386. Examination is limited due to the configuration of the nozzle integral extension and the location of the adjacent nozzles.					
RVH-1	1	F-A	F1.40	VT-3	Accessible area
Examination report R-8316. Examination is limited due to support configuration and design access to the reactor vessel support area.					

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UNIT: ONE
COMMERCIAL SERVICE DATE: JULY 1, 1981
NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

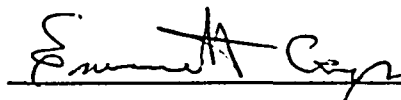
CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

APPENDIX A

SUMMARY OF ASME SECTION XI STEAM GENERATOR TUBING EXAMINATIONS

There were no inspection plan examinations required for the third outage of the third period of the second interval per Technical Specification change TSC 05-07.

PREPARED BY



OWNER: TENNESSEE VALLEY AUTHORITY
1101 MARKET STREET
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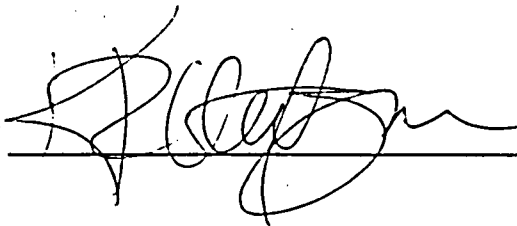
UNIT: ONE
COMMERCIAL SERVICE DATE: JULY 1, 1981
NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

APPENDIX B

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

PREPARED BY

A handwritten signature in black ink, appearing to be "J. H. [unclear]", written over a horizontal line.

Owner: Tennessee Valley Authority Nuclear Power Group 1101 Market Street Chattanooga, Tennessee 37402	Plant: Unit 1 Owner Certificate of Authorization: Not Required Commercial Service Date: July 1, 1981 National Board Number for the Unit: Not Required
Plant: Sequoyah Nuclear Plant P. O. Box 2000 Soddy-Daisy, Tennessee 37384-2000	

Sheet 1 of 27

Appendix B

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

Work Initiating Document

WO 02-010318-000
WO 02-010330-000
WO 02-010331-000
WO 02-010336-000
WO 04-770676-001
WO 04-770676-003
WO 04-770730-000
WO 04-783155-000
WO 04-783562-000
WO 05-774055-000
WO 05-775462-000
WO 05-776060-000
WO 05-777746-000

Work Initiating Document

WO 05-777764-000
WO 05-778031-000
WO 05-778031-002
WO 05-778031-012
WO 05-778031-013
WO 05-778409-000
WO 05-778411-000
WO 05-778412-000
WO 05-779153-000
WO 05-779154-000
WO 05-780062-000
WO 05-783363-001
WO 06-774017-001

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

1. Owner Tennessee Valley Authority
Name
1101 Market Street, Chattanooga, TN 37402-2801
Address

Date 5/15/06
Sheet 2 of 27

2. Plant Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Unit 1
W10# 02-010318-000

3. Work Performed by Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Repair Organization P.O. No., Job No., etc.
Type Code Symbol Stamp N/A

Authorization No N/A

Expiration Date N/A

4. Identification of system CVCS, CLASS 2

5. (a) Applicable Construction Code SEE REMARKS 19 NA 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)
<u>1-62-6A9</u>	<u>CROSBY</u>	<u>RY-2-8123</u>	<u>NA</u>	<u>NA</u>	<u>2006</u>	<u>REPLACED</u>	<u>NO</u>
		<u>RY-1-8123</u>	<u>NA</u>	<u>NA</u>	<u>2006</u>	<u>REPLACE</u> <u>MENT</u>	<u>NO</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.

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FORM NIS-2 (Back)

9. Remarks

CONSTRUCTION CODE: CONTRACT 51934 AND
WESTINGHOUSE E-SPECS 678758 AND 676257.

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 NACertificate of Authorization No. NA

Expiration Date

NA

Signed

Robertson, MECH ENGR

Date

15 MAY

2006

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 Tennessee and employed by HSB CT

of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 3/07/03 to 5/16/06 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

TN#2693

National Board, State, Province, and Endorsements

Date

May 16,

2006

w/o #02-010318-000

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

1. Owner Tennessee Valley Authority
Name
1101 Market Street, Chattanooga, TN 37402-2801
Address

Date 5/12/06
Sheet 3 of 27

2. Plant Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Unit 1
K10# 02-010330-000
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Type Code Symbol Stamp N/A
Authorization No N/A
Expiration Date N/A

4. Identification of system SAFETY INJECTION, CLASS 2

5. (a) Applicable Construction Code SEE REMARKS 19 NA 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)
1-63-626	CROSBY	RV-1-8856A	NA	NA	2006	REPLACED	NO
		N69971-01-0002	NA	NA	2006	REPLACEMENT	NO

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

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 REPLACEMENT conforms to the rules of the ASME Code, Section XI.
 repair or replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date

NA

Signed

James N. McLean, MECH ENGR
 Owner or Owner's Designee, Title

Date

12 MAY

2006

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 HSB CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 3/07/03 to 5/12/06 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.

James N. McLean
 Inspector's Signature

Commissions

TN #2693

National Board, State, Province, and Endorsements

Date

May 12,

2006

W/O #02-010330-000

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

1. Owner Tennessee Valley Authority
Name
1101 Market Street, Chattanooga, TN 37402-2801
Address

Date 5/12/06
Sheet 4 of 28 ^{plus 4/12/06}

2. Plant Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Unit 1
WO# 02-010331-000

3. Work Performed by Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Repair Organization P.O. No., Job No., etc.
Type Code Symbol Stamp N/A

Authorization No N/A

Expiration Date N/A

4. Identification of system SAFETY INJECTION, CLASS 2

5. (a) Applicable Construction Code SEE REMARKS 19 NA 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)
1-63-627	CROSBY	N69971-01-0005	NA	NA	2006	REPLACED	NO
		N69971-01-0007	NA	NA	2006	REPLACE RIGHT	NO

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.

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FORM NIS-2 (Back)

9. Remarks CONSTRUCTION CODE: CONTRACT 91934 AND
Applicable Manufacturer's Data Reports to be Attached
WESTINGHOUSE E-SPELS 678758 AND 676257

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT conforms to repair or replacement the rules of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed

Edell B. M., MECH ENGR
Owner or Owner's Designee, Title

Date

12 MAY

2006

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 HSB CT

of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 3/07/03 to 5/12/06 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.

James R. McGowan
 Inspector's Signature

Commissions

TN # 2693

National Board, State, Province, and Endorsements

Date

May 12,

2006

W/O # 02-010331-000

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

1. Owner Tennessee Valley Authority
Name
1101 Market Street, Chattanooga, TN 37402-2801
Address

Date 5/23/06
Sheet 5 of 27

2. Plant Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Unit 1
WO# 02-010336-000

3. Work Performed by Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Repair Organization P.O. No. Job No., etc.
Type Code Symbol Stamp N/A
Authorization No. N/A
Expiration Date N/A

4. Identification of system RHR, CLASS 2

5. (a) Applicable Construction Code SEE REMARKS 19 NA 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)
1-74505	CROSBY	N723B7-00-0002	NA	NA	2006	REPLACED	No
		RY-2-8708	NA	NA	2006	REPLACEMENT	No

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 CONSTRUCTION CODE: CONTRACT 91934 AND
Applicable Manufacturer's Data Reports to be Attached
WESTINGHOUSE E-SPECS 678758 AND 676257.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT conforms to
 repair or replacement
 the rules of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed [Signature] NAECH ENGR Date 23 MAY 2006
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 Tennessee and employed by HSB CT
 of Hartford, Connecticut have inspected the components described in this
 Owner's Report during the period 12/02/02 to 5/24/06 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.

[Signature] Jamis N. Myhrum Commissions TN #2693
Inspector's Signature National Board, State, Province, and Endorsements

Date May 24, 2006

W/O #02-010336-000

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

1. Owner Tennessee Valley Authority
Name
1101 Market Street, Chattanooga, TN 37402-2801
Address

Date 5/10/06

Sheet 6 of 27

2. Plant Sequoyah Nuclear Plant
Address
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Unit 1

WIO# 04-770676-001
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Sequoyah Nuclear Plant
Address
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Type Code Symbol Stamp N/A

Authorization No N/A

Expiration Date N/A

4. Identification of system RHR, CLASS 2

5. (a) Applicable Construction Code SEE REMARKS 19 NA 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)
RHR Pump	INGERSOLL RAND	NA	NA	NA	2006	REPLACED	NO
TRAIN A							

7. Description of Work REPLACED Pump PARTS.

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

CONSTRUCTION CODE: CONTRACT 91934

Applicable Manufacturer's Data Reports to be Attached

AND WESTINGHOUSE E-SPEC 677125 AND
678786.

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.
repair or replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date

NA

Signed

William M. Engle
Owner or Owner's Designee, Title

Date

10 MAY

2006

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 HSB CT

of Hartford, Connecticut have inspected the components described in this

Owner's Report during the period 3/30/06 to 5/15/06 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.

James N. Wilson
Inspector's Signature

Commissions

TN#2693

National Board, State, Province, and Endorsements

Date

May 15,

2006

W/O #04-770676-001

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

1. Owner Tennessee Valley Authority
Name
1101 Market Street, Chattanooga, TN 37402-2801
Address

Date 5/5/06
Sheet 7 of 27

2. Plant Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Unit 1
WO# 04-770676-003

3. Work Performed by Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Repair Organization P.O. No., Job No., etc.
Type Code Symbol Stamp N/A
Authorization No N/A
Expiration Date N/A

4. Identification of system RHR, 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 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)
<u>RHR PIPING</u>	<u>TVA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>2006</u>	<u>REPAIRED</u>	<u>NO</u>

7. Description of Work REINSTALLED PIPING BY WELDING

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure N/A 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 REPAIR conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed REILLY, MECH ENGR Date 5 MAY 2006
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 Tennessee and employed by HSB CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 5/8/06 to 5/8/06 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.

James N. Myhrum
Inspector's Signature

Commissions TN# 2693
National Board, State, Province, and Endorsements

Date May 8, 2006 w/o #04-770676-003

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

1. Owner Tennessee Valley Authority
Name
1101 Market Street, Chattanooga, TN 37402-2801
Address

Date 5/30/06

Sheet 8 of 27

2. Plant Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Unit 1

WID# 04-770730-0000

3. Work Performed by Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Repair Organization P. O. No. Job No. etc
Type Code Symbol Stamp N/A

Authorization No N/A

Expiration Date N/A

4. Identification of system RCS, CLASS 1

5. (a) Applicable Construction Code SEE REMARKS 19 NA 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)
1-68-565	CROSBY	N73370-01-0003	NA	NA	2006	REPLACED	NO
		N73370-01-0004	NA	NA	2006	REPLACEMENT	NO

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.

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FORM NIS-2 (Back)

9. Remarks CONSTRUCTION CODE! CONTRACT 91934 AND
Applicable Manufacturer's Data Reports to be Attached
HESTINGHOUSE E-SPECS 678764 AND 676279.

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.
 repair or replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed [Signature] MECH ENGR Date 30 MAY 2006
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 Tennessee and employed by HSB CT of Hartford, Connecticut have inspected the components described in this

Owner's Report during the period 3/01/05 to 6/02/06 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.

[Signature] Commissions TN # 2693
 Inspector's Signature National Board, State, Province, and Endorsements

Date June 2, 2006

W/O # 04-770730-000

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

1. Owner Tennessee Valley Authority
Name
1101 Market Street, Chattanooga, TN 37402-2801
Address

Date 5/10/06

Sheet 9 of 27

2. Plant Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Unit 1

WO# 04-783155-000

3. Work Performed by Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Repair Organization P.O. No., Job No., etc.
Type Code Symbol Stamp N/A

Authorization No N/A

Expiration Date N/A

4. Identification of system RCS, CLASS 1

5. (a) Applicable Construction Code SEE REMARKS 19 NA 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)
<u>1-68-564</u>	<u>CROSBY</u>	<u>N73370-01-0005</u>	<u>NA</u>	<u>NA</u>	<u>2006</u>	<u>REPLACED</u>	<u>NO</u>
		<u>51688-00-0001</u>	<u>NA</u>	<u>NA</u>	<u>2006</u>	<u>REPLACE</u> <u>MENT</u>	<u>NO</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

CONSTRUCTION CODE: CONTRACT 91934
Applicable Manufacturer's Data Reports to be Attached
AND WESTINGHOUSE E-SPECS 678764 AND
676279.

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.
 repair or replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date

NA

Signed

[Signature] MECH ENGR

Date

22 MAY

2006

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 Tennessee and employed by HSB CT

of Hartford, Connecticut have inspected the components described in this
 Owner's Report during the period 11/17/04 to 6/5/06 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.

James N. Myhrum
 Inspector's Signature

Commissions

TN #2693

National Board, State, Province, and Endorsements

Date

June 5,

2006

W/O #04-783155-000

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

1. Owner Tennessee Valley Authority
Name
1101 Market Street, Chattanooga, TN 37402-2801
Address

Date 5/22/06

Sheet 10 of 27

2. Plant Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Unit 1

WID# 04-783562-000

3. Work Performed by Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Repair Organization P.O. No. Job No., etc.
Type Code Symbol Stamp N/A

Authorization No N/A

Expiration Date N/A

4. Identification of system SAFETY INJECTION, CLASS 1

5. (a) Applicable Construction Code SEE REMARKS 19 NA 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)
<u>1-63634</u>	<u>VELAN</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>2006</u>	<u>REPLACED</u>	<u>NO</u>

7. Description of Work REPLACED VALVE INTERNALS AND BONNET 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.

FORM NIS-2 (Back)

9. Remarks

CONSTRUCTION CODE: CONTRACT 91934 AND
Applicable Manufacturer's Data Reports to be Attached
WESTINGHOUSE E-SPELS 678760 AND 676241.

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.
 repair or replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date

NA

Signed

[Signature] MECH ENGR

Date

22 MAY

2006

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 Tennessee and employed by HSB CT of Hartford, Connecticut

have inspected the components described in this Owner's Report during the period 10/26/05 to 6/07/06 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.

James H. Myhrum
 Inspector's Signature

Commissions

TN #2693

National Board, State, Province, and Endorsements

Date

June 7,

2006

W/O #04-783562-000

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

1. Owner Tennessee Valley Authority
Name
1101 Market Street, Chattanooga, TN 37402-2801
Address

Date 5/30/06

Sheet 11 of 27

2. Plant Sequoyah Nuclear Plant
Name

Unit 1

P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

WIO# 05-774055-000

3. Work Performed by Sequoyah Nuclear Plant
Name

Repair Organization P O No Job No etc
Type Code Symbol Stamp N/A

P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Authorization No N/A

Expiration Date N/A

4. Identification of system MAIN STEAM, 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 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)
MAIN STEAM	TVA	NA	NA	NA	2006	REPAIRED	NO
PIPING							

7. Description of Work REINSTALLED PIPING BY WELDING FOLLOWING MAINTENANCE.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure NA psi Test Temp NA °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.

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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 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 Ellen M. MECH ENGR

Date 30 MAY 2006

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 Tennessee and employed by HSB CT

of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 4/20/06 to 6/07/06 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.

James N. Myhrum
Inspector's Signature

Commissions TN # 2693

National Board, State, Province, and Endorsements

Date June 7, 2006

W/O # 05-774055-000

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

1. Owner Tennessee Valley Authority
Name
1101 Market Street, Chattanooga, TN 37402-2801
Address

Date 5/19/06
Sheet 12 of 27

2. Plant Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Unit 1
WIO# 05-775462-000

3. Work Performed by Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Repair Organization P.O. No., Job No., etc.
Type Code Symbol Stamp N/A
Authorization No N/A
Expiration Date N/A

4. Identification of system MAIN STEAM, CLASS 2

5. (a) Applicable Construction Code SEE REMARKS 19 NA 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)
1-PCV-1-30	CODES VULCAN	NA	NA	NA	2006	REPAIRED	NO

7. Description of Work REPLACED VALVE TRIM

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐
Other ☐ Pressure N/A 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

CONSTRUCTION CODE: DRAFT ASME CODE
Applicable Manufacturer's Data Reports to be Attached
FOR PUMPS AND VALVES, 1968 EDITION

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.
 repair or replacement

Type Code Symbol Stamp NACertificate of Authorization No. NA

Expiration Date

NA

Signed

REPLACEMENT, MECH ENGR

Date

19 MAY

2006

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 Tennessee and employed by HSB CT of Hartford, Connecticut

have inspected the components described in this Owner's Report during the period 4/18/06 to 6/2/06 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.

James H. Myhran
 Inspector's Signature

Commissions

TN #2693

National Board, State, Province, and Endorsements

Date

June 2,

2006

W/O #05-775462-000

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

1. Owner Tennessee Valley Authority
Name
1101 Market Street, Chattanooga, TN 37402-2801
Address

Date 5/22/06

Sheet 13 of 27

2. Plant Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Unit 1

WO# 05-776060-000
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Type Code Symbol Stamp N/A

Authorization No N/A

Expiration Date N/A

4. Identification of system SAFETY INJECTION, CLASS I

5. (a) Applicable Construction Code SEE REMARKS 19 NA 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)
1-63-641	VECAN	NA	NA	NA	2006	REPLACED	NO

7. Description of Work REPLACED VALVE INTERNALS AND BONNET 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.

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FORM NIS-2 (Back)

9. Remarks CONSTRUCTION CODE: CONTRACT 91934 AND
Applicable Manufacturer's Data Reports to be Attached
WESTINGHOUSE E-SPECS 678760 AND 676241.

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 REPLACEMENT, MECH ENGR Date 22 MAY 2006
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 Tennessee and employed by HSB CT of Hartford, Connecticut

have inspected the components described in this Owner's Report during the period 10/26/05 to 6/06/06 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.

James H. Myhran Commissions TN #2693
Inspector's Signature National Board, State, Province, and Endorsements

Date June 06, 2006

W/O #05-776060-000

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

1. Owner Tennessee Valley Authority
Name
1101 Market Street, Chattanooga, TN 37402-2801
Address

Date 5/9/06

Sheet 14 of 27

2. Plant Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Unit 1

140#05-777746-000

3. Work Performed by Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Repair Organization P.O. No., Job No., etc.
Type Code Symbol Stamp N/A

Authorization No N/A

Expiration Date N/A

4. Identification of system CONTAINMENT SPRAY, CLASS 2

5. (a) Applicable Construction Code SEE REMARKS 19 NA 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)
<u>1-72-506</u>	<u>ALOYCO</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>2006</u>	<u>REPLACED</u>	<u>NO</u>

7. Description of Work REPLACED BONNET 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.

FORM NIS-2 (Back)

9. Remarks

CONSTRUCTION CODE: DRAFT ASME CODE
Applicable Manufacturer's Data Reports to be Attached
FOR PUMPS AND VALVES, 1968

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.
 repair or replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed

MECH ENGR
 Owner or Owner's Designee, Title

Date

9 MAY

2006

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 HSB CT

of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 8/23/05 to 5/10/06 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.

James N. McLean
 Inspector's Signature

Commissions

TN #2693

National Board, State, Province, and Endorsements

Date

May 10,

2006

W/O # 05-77746-000

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

1. Owner Tennessee Valley Authority
Name
1101 Market Street, Chattanooga, TN 37402-2801
Address

Date 5/8/06
Sheet 15 of 27

2. Plant Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Unit 1
K10#05-777764-000

3. Work Performed by Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Repair Organization P.O. No., Job No., etc.
Type Code Symbol Stamp N/A
Authorization No N/A
Expiration Date N/A

4. Identification of system CVCS, CLASS 2

5. (a) Applicable Construction Code SEE REMARKS 19 NA 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)
1-LCV-62-118	MASON-EILAN	NA	NA	NA	2006	REPLACED	NO

7. Description of Work REPLACED VALVE PLUG.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
Other ☐ Pressure NA 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

CONSTRUCTION CODE: CONTRACT 91934 AND
Applicable Manufacturer's Data Reports to be Attached
WESTINGHOUSE E-SPECS 676270 AND 678763.

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.
 repair or replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date

NA

Signed

William M. MECH ENGR
 Owner or Owner's Designee, Title

Date

8 MAY

2006

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 HSB CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 4/25/06 to 5/10/06 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.

James N. McLean
 Inspector's Signature

Commissions

TN#2693

National Board, State, Province, and Endorsements

Date

May 10,

2006

w/o # 05-777764-000

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

1. Owner Tennessee Valley Authority
Name
1101 Market Street, Chattanooga, TN 37402-2801
Address

Date 4/28/06
Sheet 16 of 27

2. Plant Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Unit 1
WO# 05-778031-000

3. Work Performed by Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Repair Organization P.O. No., Job No., etc.
Type Code Symbol Stamp N/A
Authorization No N/A
Expiration Date N/A

4. Identification of system RHR, CLASS 2 & 1

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 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)
1-RHRH-6	BE	SQ-185	NA	NA	2006	REPLACED	No
	BE	SQ-174	NA	NA	2006	REPLACE MENT	No
1-RHRH-401	BE	SQ-184	NA	NA	2006	REPLACED	No
	BE	SQ-88	NA	NA	2006	REPLACE MENT	No
1-RHRH-408	BE	SQ-183	NA	NA	2006	REPLACED	No
		SQ-59	NA	NA	2006	REPLACE MENT	No

7. Description of Work REPLACED SNUBBERS

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐
Other ☐ Pressure NA 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 REPLACEMENT conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed

[Signature] MECH ENGR
Owner or Owner's Designee, Title

Date

28 APRIL

2006

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 HSB CT

of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 4/6/06 to 4/28/06 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.

[Signature]
Inspector's Signature

Commissions

TN # 2693

National Board, State, Province, and Endorsements

Date

April 28,

2006

W/o #05-778031-000

1. Owner Tennessee Valley Authority Date 5/10/06
Name
1101 Market Street, Chattanooga, TN 37402-2801
Address

2. Plant Sequoyah Nuclear Plant Sheet 17 of 27
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

3. Work Performed by Sequoyah Nuclear Plant Unit 1
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

4. Identification of system FEEDWATER, CLASS 2

5. (a) Applicable Construction Code ANSI B31.7 19 60 Edition, 70 Addenda, NA Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

110# 05-778031-002
 Repair Organization P.O. No., Job No., etc.
 Type Code Symbol Stamp N/A
 Authorization No N/A
 Expiration Date N/A

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)
1-FDH-244	BE	SQ-24 SQ-23	NA	NA	2006	REPLACED	No
	BE	SQ-24 SQ-125	NA	NA	2006	REPLACE MENT	No
1-FDH-324	BE	SQ-33	NA	NA	2006	REPLACED	No
	BE	SQ-176	NA	NA	2006	REPLACE MENT	No

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

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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 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

REPLACEMENT, MECH ENGR

Date

10 MAY

2006

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 Tennessee and employed by HSB CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 3/29/06 to 5/12/06 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.

James H. Myhran
Inspector's Signature

Commissions

TN #2693

National Board, State, Province, and Endorsements

Date

May 12,

2006

w/o # 05-778031-002

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

1. Owner Tennessee Valley Authority
Name
1101 Market Street, Chattanooga, TN 37402-2801
Address

Date 4/28/06
Sheet 18 of 27

2. Plant Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Unit 1
WO# 05-778031-012
Repair Organization P.O. No., Job No., etc.

3. Work Performed by Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Type Code Symbol Stamp N/A
Authorization No N/A
Expiration Date N/A

4. Identification of system RHR, CLASS 2

5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, 70 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)
1-RHRH-452	PSA	36944	NA	NA	2006	REPLACED	NO
	PSA	21443	NA	NA	2006	REPLACEMENT	NO

7. Description of Work REPLACED SNUBBER.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐
Other ☐ Pressure NA 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 REPLACEMENT conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date

NA

Signed

REPLACEMENT, MECH ENGR

Date

28 APRIL

2006

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 Tennessee and employed by HSB CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 4/25/06 to 4/28/06 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.

James N. Myhrum
Inspector's Signature

Commissions

TN #2693

National Board, State, Province, and Endorsements

Date

April 28,

2006

W/O# 05-778031-012

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

1. Owner <u>Tennessee Valley Authority</u> <div style="text-align: right; margin-right: 100px;"><small>Name</small></div> <u>1101 Market Street, Chattanooga, TN 37402-2801</u> <div style="text-align: right; margin-right: 100px;"><small>Address</small></div>	Date <u>5/10/06</u> Sheet <u>19</u> of <u>27</u> Unit <u>1</u> <u>NO# 05-778031-013</u> <div style="text-align: right; margin-right: 100px;"><small>Repair Organization P.O. No., Job No., etc.</small></div>
2. Plant <u>Sequoyah Nuclear Plant</u> <div style="text-align: right; margin-right: 100px;"><small>Name</small></div> <u>P. O. Box 2000, Soddy-Daisy, TN, 37384-2000</u> <div style="text-align: right; margin-right: 100px;"><small>Address</small></div>	Type Code Symbol Stamp <u>N/A</u> Authorization No <u>N/A</u> Expiration Date <u>N/A</u>
3. Work Performed by <u>Sequoyah Nuclear Plant</u> <div style="text-align: right; margin-right: 100px;"><small>Name</small></div> <u>P. O. Box 2000, Soddy-Daisy, TN, 37384-2000</u> <div style="text-align: right; margin-right: 100px;"><small>Address</small></div>	
4. Identification of system <u>MAIN STEAM, CLASS 2</u>	
5. (a) Applicable Construction Code <u>ANSI B31.7</u> ¹⁹ <u>65</u> Edition, <u>70</u> Addenda, <u>NA</u> Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements <u>1989</u>	

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)
1-MSA-432	PSA	451	NA	NA	2006	REPLACED	NO
		721	NA	NA	2006	REPLACEMENT	NO

7. Description of Work REPLACED SNUBBER

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A 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 REPLACEMENT conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date NA

Signed

William M. MECHENG
Owner or Owner's Designee, Title

Date

10 MAY

2006

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 HSB CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 5/08/06 to 5/12/06 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.

James N. Myer
Inspector's Signature

Commissions

TN #2693

National Board, State, Province, and Endorsements

Date

May 12,

2006

W/O#05-778031-013

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

1. Owner Tennessee Valley Authority
Name
1101 Market Street, Chattanooga, TN 37402-2801
Address

Date 5/19/06

Sheet 20 of 27

2. Plant Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Unit 1

WIO# 05-778409-000

3. Work Performed by Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Repair Organization P.O. No., Job No., etc.
Type Code Symbol Stamp N/A

Authorization No N/A

Expiration Date N/A

4. Identification of system RCS, CLASS 2

5. (a) Applicable Construction Code SEE REMARKS 19 NA 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)
<u>1-FSN-(08-334)</u>	<u>TARGET</u>	<u>157</u>	<u>NA</u>	<u>NA</u>	<u>2006</u>	<u>REPAIRED</u>	<u>YES</u>
<u>RCS PIPING</u>	<u>TVA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>2006</u>	<u>REPAIRED</u>	<u>NO</u>
<u>47AUGS-8-13</u>	<u>TVA</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>2006</u>	<u>REPAIRED</u>	<u>NO</u>

7. Description of Work REPAIRED VALVE, PIPING, AND SUPPORT BY WELDING FOLLOWING MAINTENANCE.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐
Other ☐ Pressure NA 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 CONSTRUCTION CODE:

Applicable Manufacturers Data Reports to be Attached

VALVE: ASME SECTION III, 1977 EDITION, 579 ADDENDA

PIPING & SUPPORT: ANSI B31.1, 1969 EDITION, 1970 ADDENDA

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this 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

WILLIAMSON, MECH ENGR

Date

19 MAY

2006

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 Tennessee and employed by HSB CT of Hartford, Connecticut

have inspected the components described in this Owner's Report during the period 4/10/06 to 5/23/06 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.

James R. Williams
Inspector's Signature

Commissions

TN #2693

National Board, State, Province, and Endorsements

Date

May 23,

2006

W/O #05-778409-000

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

1. Owner Tennessee Valley Authority
Name
1101 Market Street, Chattanooga, TN 37402-2801
Address

Date 5/10/06
Sheet 21 of 27

2. Plant Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Unit 1
140# 05-778411-000

3. Work Performed by Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Repair Organization P.O. No., Job No., etc.
Type Code Symbol Stamp N/A
Authorization No N/A
Expiration Date N/A

4. Identification of system RCS, CLASS 2

5. (a) Applicable Construction Code ASME SECT III 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)
<u>1-F5X-68 395</u>	<u>TARGET ROCK</u>	<u>21</u>	<u>96</u>	<u>NA</u>	<u>1980</u>	<u>REPAIRED</u>	<u>YES</u>

7. Description of Work REINSTALLED BODY TO BONNET SEAL WELD

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐
Other ☐ Pressure N/A 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 REPAIR conforms to
repair or replacement
the rules of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date

NA

Signed

Kulath, MECH ENGR

Date _____

10 MAY

2006

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 Tennessee and employed by HSB CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 4/10/06 to 5/15/06 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.

James N. Myhran
Inspector's Signature

Commissions

TN#2693

National Board, State, Province, and Endorsements

Date _____

May 15,

2006

W/O #05-778411-000

1. Owner Tennessee Valley Authority
Name
1101 Market Street, Chattanooga, TN 37402-2801
Address

2. Plant Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

3. Work Performed by Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

4. Identification of system RCS, CLASS 2

5. (a) Applicable Construction Code ANSI B31.7 1969 Edition, 70 Addenda, NA Code Case
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1989

Date 5/19/06
Sheet 22 of 27
Unit 1
NO# 05-778412-000
Repair Organization P.O. No., Job No., etc.
Type Code Symbol Stamp N/A
Authorization No N/A
Expiration Date N/A

[illegible]

7. Description of Work REPAIRED PIPE SUPPORT BY WELDING
FOLLOWING MAINTENANCE.

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐
Other ☐ Pressure N/A psi Test Temp _____ °F

95 of 124

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 REPAIR conforms to the rules of the ASME Code, Section XI.
repair or replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date

NA

Signed

William, MECH ENGR
Owned or Owner's Designee, Title

Date

19 MAY

2006

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 HSB CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 4/10/06 to 5/23/06 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.

James N. Myran
Inspector's Signature

Commissions

TN# 2693

National Board, State, Province, and Endorsements

Date

May 23,

2006

W/O# 05-778412-000

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

1. Owner <u>Tennessee Valley Authority</u> <div style="text-align: right; font-size: small;">Name</div> <u>1101 Market Street, Chattanooga, TN 37402-2801</u> <div style="text-align: right; font-size: small;">Address</div>	Date <u>5/23/06</u> Sheet <u>23</u> of <u>27</u>
2. Plant <u>Sequoyah Nuclear Plant</u> <div style="text-align: right; font-size: small;">Name</div> <u>P. O. Box 2000, Soddy-Daisy, TN, 37384-2000</u> <div style="text-align: right; font-size: small;">Address</div>	Unit <u>1</u> <u>WID#05-779153-000</u> <div style="text-align: right; font-size: small;">Repair Organization P.O. No., Job No., etc.</div>
3. Work Performed by <u>Sequoyah Nuclear Plant</u> <div style="text-align: right; font-size: small;">Name</div> <u>P. O. Box 2000, Soddy-Daisy, TN, 37384-2000</u> <div style="text-align: right; font-size: small;">Address</div>	Type Code Symbol Stamp <u>N/A</u> Authorization No <u>N/A</u> Expiration Date <u>N/A</u>
4. Identification of system <u>SAFETY INJECTION, CLASS 1</u>	
5. (a) Applicable Construction Code <u>SEE REMARKS</u> 19 <u>NA</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>	

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)
1-63-632	VELAN	NA	NA	NA	2006	REPLACED	NO

7. Description of Work REPLACED VALVE INTERNALS

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐
 Other ☐ Pressure N/A 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

CONSTRUCTION CODE: CONTRACT 91934 AND
Applicable Manufacturer's Data Reports to be Attached
WESTINGHOUSE E-SPECS 678760 AND 676241.

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.
 repair or replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date

NA

Signed

HBon, MECH ENGR
 Owner or Owner's Designee, Title

Date

23 MAY

2006

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 HSB CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 10/25/05 to 5/30/06 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.

Jamb N. McLean
 Inspector's Signature

Commissions

TN#2693

National Board, State, Province, and Endorsements

Date

May 30,

2006

W/O #05-779153-000

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

1. Owner Tennessee Valley Authority
Name
1101 Market Street, Chattanooga, TN 37402-2801
Address

Date 5/22/06
Sheet 24 of 27

2. Plant Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Unit 1
WO# 05-779154-000

3. Work Performed by Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Repair Organization P.O. No., Job No., etc.
Type Code Symbol Stamp N/A
Authorization No N/A
Expiration Date N/A

4. Identification of system SAFETY INJECTION, CLASS 1

5. (a) Applicable Construction Code SEE REMARKS 19 NA 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)
<u>1-03-033</u>	<u>VELAN</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>2006</u>	<u>REPLACED</u>	<u>NO</u>

7. Description of Work REPLACED VALVE INTERNALS AND BONNET 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.

FORM NIS-2 (Back)

9. Remarks

CONSTRUCTION CODE: CONTRACT 91934 AND
Applicable Manufacturer's Data Reports to be Attached
WESTINGHOUSE E-SPELS 678760 AND 676241.

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.
 repair or replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date

NA

Signed

MECH ENGR

Date

22 MAY

2006

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 Tennessee and employed by HSB CT

of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 4/14/06 to 6/07/06 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.

James H. Myrian
 Inspector's Signature

Commissions

TN#2693

National Board, State, Province, and Endorsements

Date

June 7,

2006

W/O #05-779154-000

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

1. Owner Tennessee Valley Authority
Name
1101 Market Street, Chattanooga, TN 37402-2801
Address

Date 5/11/06

Sheet 25 of 27

2. Plant Sequoyah Nuclear Plant
Name

Unit 1

P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

WD#05-780062-000

3. Work Performed by Sequoyah Nuclear Plant
Name

Repair Organization P.O. No., Job No., etc.
Type Code Symbol Stamp N/A

P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Authorization No N/A

Expiration Date N/A

4. Identification of system SAFETY INJECTION, CLASS 2

5. (a) Applicable Construction Code SEE REMARKS 19 NA 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)
<u>1-63-510</u>	<u>ANCHOR</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>	<u>2006</u>	<u>REPAIRED</u>	<u>NO</u>

7. Description of Work REPLACED BONNET 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.

101 of 124

FORM NIS-2 (Back)

9. Remarks

CONSTRUCTION CODE: CONTRACT 91934 AND
Applicable Manufacturers Data Reports to be Attached
WESTINGHOUSE E-SPECS 678760 AND 676241.

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.
 repair or replacement

Type Code Symbol Stamp NA

Certificate of Authorization No. NA

Expiration Date

NA

Signed

MECH ENGR

Date

11 MAY

2006

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 Tennessee and employed by HSB CT

of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 11/02/05 to 5/15/06 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.

James H. McGraw
 Inspector's Signature

Commissions

TN#2693

National Board, State, Province, and Endorsements

Date

May 15,

2006

W/O # 05-780062-000

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

1. Owner Tennessee Valley Authority
Name
1101 Market Street, Chattanooga, TN 37402-2801
Address

Date 5/19/06

Sheet 26 of 27

2. Plant Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Unit 1

WO# 05-783363-001

3. Work Performed by Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Repair Organization P.O. No., Job No., etc.
Type Code Symbol Stamp N/A

Authorization No N/A

Expiration Date N/A

4. Identification of system MAIN STEAM, CLASS 2

5. (a) Applicable Construction Code SEE REMARKS 19 NA 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)
1-PV-1-23	COPEL VULCAN	NA	NA	NA	2006	REPLACED	NO

7. Description of Work REPLACED VALVE TRIM

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐
Other ☐ Pressure NA 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 CONSTRUCTION CODE: DRAFT ASME CODE FOR PUMPS
Applicable Manufacturer's Data Reports to be Attached
AND VALVES, 1968 EDITION.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT conforms to
 repair or replacement
 the rules of the ASME Code, Section XI.

Type Code Symbol Stamp NA

Certificate of Authorization No. NA Expiration Date NA

Signed William, MECH ENGR Date 19 MAY 2006
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 Tennessee and employed by HSB CT

of Hartford, Connecticut have inspected the components described in this
 Owner's Report during the period ^{from 6/15/96} ~~to~~ 3/23/06 to 6/5/06 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.

James N. McLean Commissions TN #2693
Inspector's Signature National Board, State, Province, and Endorsements

Date June 5, 2006

W/o #05-783363-001

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

1. Owner Tennessee Valley Authority
Name
1101 Market Street, Chattanooga, TN 37402-2801
Address

Date 5/19/06
Sheet 27 of 27

2. Plant Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Unit 1
WO# 06-774017-001

3. Work Performed by Sequoyah Nuclear Plant
Name
P. O. Box 2000, Soddy-Daisy, TN, 37384-2000
Address

Repair Organization P.O. No., Job No., etc.
Type Code Symbol Stamp N/A
Authorization No N/A
Expiration Date N/A

4. Identification of system CHILLED WATER, CLASS 2

5. (a) Applicable Construction Code ASME B31.7 19 69 Edition, 70 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)
CHILLED	TVA	NA	NA	NA	2006	REPLACED	NO
WATER							
PIPING							

7. Description of Work REPLACED PIPE FLANGE 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.

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 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

[Signature] MECH ENGR

Date

22 MAY

2006

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 Tennessee and employed by HSB CT of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 5/10/06 to 6/02/06 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.

[Signature]
Inspector's Signature

Commissions

TN #2693

National Board, State, Province, and Endorsements

Date

June 2,

2006

W/o #06-774017-001

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

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

UNIT: ONE
COMMERCIAL SERVICE DATE: JULY 1, 1981
NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

APPENDIX C

PRESSURE TEST REPORT

The inspection plan work required for the third outage of the third period of the second interval for Code Category B-E, Code Category B-P, Code Category C-H, Code Category D-A, Item Number D1.10; Code Category D-B, Item Number D2.10; Code Category D-C, Item Number D3.10 and RI-ISI Code Category R-A (Item Numbers R1.11 and R1.12) is on schedule.

PREPARED BY: 

OWNER: TENNESSEE VALLEY AUTHORITY 1101 MARKET STREET CHATTANOOGA, TENNESSEE 37402-2801	PLANT: SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000
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**System Pressure Tests
Unit 1 Cycle 14
Third Period of the Second Interval**

The Unit 1 tests scheduled for the third period which were required to be performed during the U1C14 refueling outage are complete. This completes the Second Interval testing.

System	Test Results
Blowdown RI-ISI	No leakage found
Chemical Volume and Control(CVCS) RI-ISI	No leakage found
Containment Spray RI-ISI	No leakage found
Feedwater RI-ISI	No leakage found
Reactor Coolant RI-ISI	No leakage found
Safety Injection RI-ISI	No leakage found
Residual Heat Removal RI-ISI	No leakage found
Reactor Coolant System	No leakage found
Sampling System	No leakage found
Relief Valve Discharge Header to the PRT	No leakage found
Drain Lines from Accumulator Rooms 3 & 4	Unimpaired flow verified
Spent Fuel Pool Cooling	No leakage found
ERCW Outside Containment	Three separate leaks were identified and corrected.

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APPENDIX D

IWE METAL CONTAINMENT EVALUATIONS

The following evaluations were performed for containment examinations performed during U1C14 for inaccessible areas and additional examinations in accordance with 10CFR 50.55a(b)(2)(ix) for Class MC components.

PREPARED BY

Jeffrey C. Boulant

OWNER: TENNESSEE VALLEY AUTHORITY 1101 MARKET STREET CHATTANOOGA, TENNESSEE 37402-2801	PLANT: SEQUOYAH NUCLEAR PLANT P.O. BOX 2000 SODDY DAISY, TENNESSEE 37384-2000
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SUMMARY OF IWE METAL CONTAINMENT EVALUATIONS

The Unit 1 Cycle 14 Inservice Inspection of Class MC components included eight Notification of Indications (NOIs) for IWE Metal Containment evaluation. These evaluations require reporting per 10CFR 50.55a(b)(2)(ix).

NOI NUMBER	COMPONENT IDENTIFIER
1-SQ-464	MB-3
DISPOSITION: Debonded areas of the moisture barrier at the top edge at various locations at the SCV interface were removed to sound moisture barrier material. The removed areas were filled in with RTV material.	
1-SQ-465	MB-3 (SCV surface above the floor)
DISPOSITION: Cleaned and recoated areas.	
1-SQ-466	MB-3 (SCV surface behind the moisture barrier at the top edge were the debonded moisture material was removed)
DISPOSITION: Cleaned and recoated areas.	
1-SQ-467	MB-1
DISPOSITION: Debonded areas of the moisture barrier at the top edge at various locations at the SCV interface were removed to sound moisture barrier material. The removed areas were filled in with RTV material.	
1-SQ-468	MB-1 (SCV surface above the floor)
DISPOSITION: Cleaned and recoated areas.	
1-SQ-471	Penetration X-64, X-65, X-66 and X-67
DISPOSITION: Cleaned and repainted areas.	
1-SQ-473	MB-1 (SCV surface behind the moisture barrier at the top edge were the debonded moisture material was removed)
DISPOSITION: Cleaned and repainted areas.	
1-SQ-474	SCV-1, 2, 3 and 4 (elevation 680 to 760) annulus
DISPOSITION: The areas were light corrosion and missing coating these areas will be recoated later under work order 06-773916-000. The other areas were documented under PER 101958 and were acceptable as is.	

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IWE METAL CONTAINMENT EVALUATION

NOI Number: 1-SQ-464

Component Identifier: MB-3
Examination Report Number: SCV-0203
Disposition: Cleaned and repainted areas

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).

These indications were noted during the VT-3 visual examination of the moisture barrier (MB-3) (azimuth 303-360 and 0-60) at SCV interface at the raceway floor. The examination on the moisture barrier identified minor debonding of the top edge of the moisture barrier from the SCV in 22 locations with a total length of approximately 75 inches.

One location had an approximate maximum depth of 1 3/4 inches. The total depth of the moisture barrier is approximately 6 inches. These indications on the moisture barrier indicated a lack of adhesion of the moisture barrier material at the top edge to SCV interface due to surface preparation at these areas when the moisture barrier was replaced in U1C10. The moisture barrier material at the top edge to SCV interface was removed down to sound adhesion between the SCV and the moisture barrier material. These debonding areas were determined to be minor due to the depth of the moisture barrier being approximately 6 inches. The SCV at these areas were VT-3 examined and there were no visible signs of active corrosion, any significant wall loss or gross degradation. The exposed SCV areas requiring recoating were recoated and VT-3 examined. The removed moisture barrier material was filled in with RTV and VT-3 examined. This minor debonding has not affected the integrity of the moisture barrier. These areas are normally inaccessible due to the stainless steel flashing and insulation (refer to drawing CISI-1000-C-59). Based on the information above, the moisture barrier areas are not considered suspect and do not impact the structural integrity or leak tightness of the SCV. No detrimental flaws were observed. The moisture barrier areas are acceptable for continued service, and no further corrective action is required. 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.

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IWE METAL CONTAINMENT EVALUATION

NOI Number: 1-SQ-464 - continued

Evaluation of additional examinations required per 10CFR50.55a(b)(2)(ix)(D). (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 verify 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.

The examination identified indications consisting of minor debonding of the top edge of the moisture barrier at the SCV interface at 22 locations with a total length of approximately 75 inches. The debonding at these locations appeared to be lack of adhesion of the top edge of the moisture barrier to the SCV and minor shrinkage.

There were no visible signs of active corrosion on the SCV. The SCV at the moisture barrier areas examined did not show any significant wall loss or gross degradation. However upon further review the moisture barrier had sound adhesion and the SCV areas were deemed to have minor rusting. The top edge of the moisture barrier at the SCV interface was removed at the debonded areas to sound material where the moisture barrier adheres to the SCV. The SCV surface at the removed moisture barrier material was VT-3 examined and did not show any signs of detrimental flaws or significant degradation of the SCV liner. The areas requiring recoating were recoated and VT-3 examined. RTV was used to fill in at the removed moisture barrier material areas and VT-3 examined. 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 component is acceptable for continued service, and no further corrective action is required. An additional section MB-1 of the moisture barrier was examined and debonding of the moisture barrier was identified. The moisture barrier was replaced in U1C10 and moisture barrier section MB-2 was examined in the last outage U1C13 and no debonding of the moisture barrier was identified. Examination of section MB-1 and MB-3 complete the examination of the entire replaced moisture barrier since it was replaced in U1C10. Therefore, additional examinations are not warranted on the remaining section MB-2.

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UNIT: ONE COMMERCIAL SERVICE DATE: JULY 1, 1981 NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED	CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

IWE METAL CONTAINMENT EVALUATION

NOI Number: 1-SQ-465

Component Identifier: MB-3 (SCV surface above floor)

Examination Report Number: SCV-0202

Disposition: Cleaned and repainted areas

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).

These indications were noted during the VT-3 visual examinations of the SCV interior surface in the vicinity of the moisture barrier at the interface of the SCV and raceway floor (approximately 12 inches above the floor interface). The area examined was 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 light corrosion with no visible signs of active corrosion. The area examined did not show any wall loss or gross degradation. These indications appeared to be the result of previous maintenance activities. This area is not considered suspect and does not impact the structural integrity or leak tightness of the SCV. No detrimental flaws were observed. These areas were cleaned/prepared and recoated in accordance with site procedures. Based on this information, there is no indication that an adverse condition exists in the area examined or that an adverse condition would be present in inaccessible areas.

Evaluation of additional examinations required per 10CFR50.55a(b)(2)(ix)(D). (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 verify 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.

These indications were noted during the VT-3 visual examinations of the SCV interior surface in the vicinity of the moisture barrier at the interface of the SCV and raceway floor (approximately 12 inches above the floor interface). The area examined was 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 light corrosion, with no visible signs of active corrosion. The areas examined did not show any significant wall loss or gross degradation. These indications appeared to be the result of previous maintenance activities. This area is not considered suspect and does not impact the structural integrity or leak tightness of the SCV. No detrimental flaws were observed. These areas were cleaned/prepared and recoated in accordance with site procedures. A VT-3 preservice examination was performed on this area 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. Based upon the conditions found, no additional examinations are warranted.

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IWE METAL CONTAINMENT EVALUATION

NOI Number: 1-SQ-466

Component Identifier: MB-3 (SCV surface behind the moisture barrier at the top edge were the debonded moisture barrier material was removed)

Examination Report Number: SCV-0206

Disposition: Cleaned and repainted areas

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).

These indications were noted during the VT-3 visual examinations of the SCV interior surface at 22 areas behind the top edge of the moisture barrier at the interface of the SCV and raceway floor. These areas were exposed following the removal of the moisture barrier at these locations. A VT-3 visual examination was performed prior to surface preparation to satisfy the requirements of IWE-2500(b). Only three areas required surface preparation. The examination identified indications consisting of light corrosion with no visible signs of active corrosion. The area examined did not show any wall loss or gross degradation. These indications appeared to be the result of previous maintenance activities that affected the moisture barrier bonding to the SCV at these locations. 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 three areas were cleaned/prepared and recoated in accordance with site procedures. Based on this information, there is no indication that an adverse condition exists in the area examined or that an adverse condition would be present in inaccessible areas.

Evaluation of additional examinations required per 10CFR50.55a(b)(2)(ix)(D). (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 verify 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.

These indications were noted during the VT-3 visual examinations of the SCV interior surface at 22 areas behind the top edge of the moisture barrier at the interface of the SCV and raceway floor. These areas were exposed following the removal of the moisture barrier at these locations. A VT-3 visual examination was performed prior to surface preparation to satisfy the requirements of IWE-2500(b). Only three areas required surface preparation. The examination identified indications consisting of light corrosion, with no visible signs of active corrosion. The areas examined did not show any significant wall loss or gross degradation. These indications appeared to be the result of previous maintenance activities that affected the moisture barrier

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UNIT: ONE
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CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

IWE METAL CONTAINMENT EVALUATION

NOI Number: 1-SQ-466 - continued

bonding to the SCV at these areas. 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 three areas were cleaned/prepared and recoated in accordance with site procedures. A VT-3 preservice examination was performed on this area 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. Based upon the conditions found, no additional examinations are warranted.

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IWE METAL CONTAINMENT EVALUATION

NOI Number: 1-SQ-467

Component Identifier: MB-1
Examination Report Number: SCV-0209
Disposition: Cleaned and repainted areas

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).

These indications were noted during the VT-3 visual examination of the moisture barrier (MB-1) (azimuth 60-175) at SCV interface at the raceway floor. The examination on the moisture barrier identified minor debonding of the top edge of the moisture barrier from the SCV in 21 locations with a total length of approximately 100 inches. Also identified was a cut in the moisture barrier about 6 inches long and 5/8 inch deep.

One location had an approximate maximum depth of 3 inches. The total depth of the moisture barrier is approximately 6 inches. These indications on the moisture barrier indicated a lack of adhesion of the moisture barrier material at the top edge to SCV interface due to surface preparation at these areas when the moisture barrier was replaced in U1C10. The moisture barrier material at the top edge to SCV interface was removed down to sound adhesion between the SCV and the moisture barrier material. These debonding areas and cut were determined to be minor due to the depth of the moisture barrier being approximately 6 inches. The SCV at these areas were VT-3 examined and there were no visible signs of active corrosion, any significant wall loss or gross degradation. The exposed SCV areas requiring recoating were recoated and VT-3 examined. The removed moisture barrier material and cut were filled in with RTV and VT-3 examined. This minor debonding has not affected the integrity of the moisture barrier. These areas are normally inaccessible due to the stainless steel flashing and insulation (refer to drawing CISI-1000-C-59). Based on the information above, the moisture barrier areas and cut are not considered suspect and do not impact the structural integrity or leak tightness of the SCV. No detrimental flaws were observed. The moisture barrier areas are acceptable for continued service, and no further corrective action is required. 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.

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UNIT: ONE
COMMERCIAL SERVICE DATE: JULY 1, 1981
NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED

CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

IWE METAL CONTAINMENT EVALUATION

NOI Number: 1-SQ-467 - continued

Evaluation of additional examinations required per 10CFR50.55a(b)(2)(ix)(D). (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 verify 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.

The examination identified indications consisting of minor debonding of the top edge of the moisture barrier (MB-1) at the SCV interface at 21 locations with a total length of approximately 100 inches. Also identified was a cut in the moisture barrier about 6 inches long and 5/8 inch deep. The debonding at these locations appeared to be lack of adhesion of the top edge of the moisture barrier to the SCV and minor shrinkage. The cut appeared to be from activities in the removal of the steel flashing for access to the moisture barrier.

There were no visible signs of active corrosion on the SCV. The SCV at the moisture barrier areas examined did not show any significant wall loss or gross degradation. However upon further review the moisture barrier had sound adhesion and the SCV areas were deemed to have minor rusting. The top edge of the moisture barrier at the SCV interface was removed at the debonded areas to sound material where the moisture barrier adheres to the SCV. The SCV surface at the removed moisture barrier material was VT-3 examined and did not show any signs of detrimental flaws of significant degradation of the SCV liner. The areas requiring recoating were recoated and VT-3 examined. RTV was used to fill in at the removed moisture barrier material areas and cut and these areas were VT-3 examined. 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 component is acceptable for continued service, and no further corrective action is required. The moisture barrier was replaced in U1C10 and moisture barrier section MB-2 was examined in the last outage U1C13 and no debonding of the moisture barrier was identified. Examination of section MB-1 and MB-3 complete the examination of the entire replaced moisture barrier since it was replaced in U1C10. Therefore, additional examinations are not warranted on the remaining section MB-2.

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IWE METAL CONTAINMENT EVALUATION

NOI Number: 1-SQ-468

Component Identifier: MB-1 (SCV surface above floor)
Examination Report Number: SCV-0210
Disposition: Cleaned and repainted areas

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).

These indications were noted during the VT-3 visual examinations of the SCV interior surface in the vicinity of the moisture barrier at the interface of the SCV and raceway floor (approximately 12 inches above the floor interface). The area examined was 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 light corrosion with no visible signs of active corrosion. The area examined did not show any wall loss or gross degradation. These indications appeared to be the result of previous maintenance activities. This area is not considered suspect and does not impact the structural integrity or leak tightness of the SCV. No detrimental flaws were observed. These areas were cleaned/prepared and recoated in accordance with site procedures. Based on this information, there is no indication that an adverse condition exists in the area examined or that an adverse condition would be present in inaccessible areas.

Evaluation of additional examinations required per 10CFR50.55a(b)(2)(ix)(D). (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 verify 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.

These indications were noted during the VT-3 visual examinations of the SCV interior surface in the vicinity of the moisture barrier at the interface of the SCV and raceway floor (approximately 12 inches above the floor interface). The area examined was 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 light corrosion, with no visible signs of active corrosion. The areas examined did not show any significant wall loss or gross degradation. These indications appeared to be the result of previous maintenance activities. This area is not considered suspect and does not impact the structural integrity or leak tightness of the SCV. No detrimental flaws were observed. These areas were cleaned/prepared and recoated in accordance with site procedures. A VT-3 preservice examination was performed on this area 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. Based upon the conditions found, no additional examinations are warranted.

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IWE METAL CONTAINMENT EVALUATION

NOI Number: 1-SQ-471

Component Identifier: Penetrations X-64, X-65, X-66 and X-67
Examination Report Number: SCV-0215, SCV-0216, SCV-0217 and SCV-0218
Disposition: Cleaned and repainted areas

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).

These indications were noted during the VT-3 visual examination of the SCV exterior surface areas at chill water penetration X-64, X-65, X-66 and X-67 that were identified during preparation for the ultrasonic thickness examination on these penetrations. This examination identified flaking and light corrosion on the penetrations and SCV. This condition was due to the removal of the foam insulation and the sweating of the chill water lines. These areas examined were identified for coating repairs during cleaning for the ultrasonic examination, and this visual examination (VT-3) was performed prior to surface preparation to satisfy the requirements of IWE-2500(b). Flaking paint and light corrosion were removed to allow for the ultrasonic examination. These areas are not considered suspect and do not impact the structural integrity or leak tightness of the SCV. No detrimental flaws were observed. Therefore, there is no indication that an adverse condition exists which may be present in inaccessible areas. These penetration and SCV areas were cleaned, examined and re-coated.

Evaluation of additional examinations required per 10CFR50.55a(b)(2)(ix)(D). (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 verify 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.

These Indications were noted during the VT-3 visual examination of the SCV exterior surface areas at chill water penetration X-64, X-65, X-66 and X-67 that were identified during preparation for the ultrasonic thickness examination on these penetrations. This visual examination identified flaking and light corrosion on and at the penetrations. These areas examined were identified for coating repairs during cleaning for the ultrasonic examination, and this visual examination (VT-3) was performed prior to surface preparation to satisfy the requirements of IWE-2500(b). Flaking paint and light corrosion were removed to allow for the ultrasonic examination. A VT-3 preservice examination will be performed on these areas following re-application of the coatings to satisfy the requirements of IWE-2200(g). These conditions were due to the removal of the foam insulation and the sweating of the chill water piping. These penetrations and SCV were cleaned, examined and re-coated.

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UNIT: ONE COMMERCIAL SERVICE DATE: JULY 1, 1981 NATIONAL BOARD NUMBER FOR UNIT: NOT REQUIRED	CERTIFICATE OF AUTHORIZATION: NOT REQUIRED

IWE METAL CONTAINMENT EVALUATION

NOI Number: 1-SQ-473

Component Identifier: MB-1 (SCV surface behind the moisture barrier at the top edge where the debonded moisture barrier material was removed)

Examination Report Number: SCV-0219

Disposition: Cleaned and repainted areas

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).

These indications were noted during the VT-3 visual examinations of the SCV interior surface at 21 areas behind the top edge of the moisture barrier at the interface of the SCV and raceway floor. These areas were exposed following the removal of the moisture barrier at these locations. A VT-3 visual examination was performed prior to surface preparation to satisfy the requirements of IWE-2500(b). Only three areas required surface preparation. The examination identified indications consisting of light corrosion with no visible signs of active corrosion. The area examined did not show any wall loss or gross degradation. These indications appeared to be the result of previous maintenance activities that affected the moisture barrier bonding to the SCV at these locations. 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 three areas were cleaned/prepared and recoated in accordance with site procedures. Based on this information, there is no indication that an adverse condition exists in the area examined or that an adverse condition would be present in inaccessible areas.

Evaluation of additional examinations required per 10CFR50.55a(b)(2)(ix)(D). (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 verify 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.

These indications were noted during the VT-3 visual examinations of the SCV interior surface at 21 areas behind the top edge of the moisture barrier at the interface of the SCV and raceway floor. These areas were exposed following the removal of the moisture barrier at these locations. A VT-3 visual examination was performed prior to surface preparation to satisfy the requirements of IWE-2500(b). Only three areas required surface preparation. The examination identified indications consisting of light corrosion, with no visible signs of active corrosion. The areas examined did not show any significant wall loss or gross degradation. These indications appeared to be the result of previous maintenance activities that affected the moisture barrier

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IWE METAL CONTAINMENT EVALUATION

NOI Number: 1-SQ-473 - continued

bonding to the SCV at these areas. 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 three areas were cleaned/prepared and recoated in accordance with site procedures. A VT-3 preservice examination was performed on this area 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. Based upon the conditions found, no additional examinations are warranted.

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IWE METAL CONTAINMENT EVALUATION

NOI Number: 1-SQ-474

Component Identifier: SCV-1, 2, 3, 4 and SCV-Dome; (horizontal stiffeners O-R and vertical stiffeners 0-37 and 74-90; horizontal stiffeners R-S and vertical stiffeners 0-90, and elevation 821 to top of dome)

Examination Report Number: SCV-0220, SCV-0221, SCV-0222, and SCV-0223
Disposition: Cleaned, repainted areas and repaired stiffeners

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).

These indications were noted during the VT-3 visual examination of the SCV outboard exterior surface areas (horizontal stiffeners B-J and vertical stiffeners 0-90). The examination identified indications consisting of:

- Light corrosion in the drip channels, several areas with light corrosion on the stiffeners and steel containment vessel, and several areas where the coating was missing.

These areas appear to have occurred as a result of condensation on the SCV or maintenance activities.

- Four bent vertical stiffeners, one stiffener with a gouge, two stiffeners with a weld on one side to the horizontal stiffener not complete and one area on the outside edge of the plate to the horizontal stiffener with metal damage. These areas are documented on PER 101958.

These indications appeared to be from fabrication/installation or previous maintenance activities.

The indications identified as light corrosion areas were deemed to be minor surface rust in nature. There were no visible signs of active corrosion in the light corrosion areas or the areas with missing coating. The areas examined did not show any wall loss or gross degradation.

The four bent vertical stiffeners # 53, and #54 between elevation 680 and 691, and #66 and #67 between elevation 740 and 750 are considered negligible and do not affect the structural integrity of the SCV. The stiffeners weld on vertical stiffener #17 at elevation 691 and vertical stiffener #8 at elevation 730 each had a complete weld on the other side and are acceptable by providing significant load path through the connection. The metal damage on the outside plate to the horizontal stiffener B and between vertical stiffeners #12 and #13 at elevation 680 does not affect the structural integrity of the horizontal stiffener because the analysis does not take any credit for this outside plate. The gouge (approximately one inch long and ½ the thickness of the stiffener) on vertical stiffener #9 at elevation 749 does not affect the stiffener or the horizontal stiffener because the resulting reduction in the stiffness and structural capacity is not significant. This information is documented under PER 101958.

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IWE METAL CONTAINMENT EVALUATION

NOI Number: 1-SQ-474 continued

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.

No corrective actions are required to be performed during this outage. The light corrosion areas and the areas with missing coating will be cleaned and re-coated in the next outage (work order 06-773916-000). The bent stiffeners, incomplete welds, the stiffener with a gouge and the area with metal damage are documented under PER 101958 and no corrective actions required. The SCV is acceptable for continued service, and no further corrective action is required.

Evaluation of additional examinations required per 10CFR50.55a(b)(2)(ix)(D). (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 verify 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.

These indications were noted during the VT-3 visual examination of the SCV on the outboard exterior surfaced areas (horizontal stiffeners B-J and vertical stiffeners 0-90). The examination identified indications consisting of:

- Light corrosion in the drip channels, several areas with light corrosion on the stiffeners and steel containment vessel, and several areas where the coating was missing.

These areas appear to have occurred as a result of condensation on the SCV or maintenance activities.

- Four bent vertical stiffeners, one stiffener with a gouge, two stiffeners with a weld on one side to the horizontal stiffener not complete and one area on the outside edge of the plate to the horizontal stiffener with metal damage. These areas are documented on PER 101958.

These indications appeared to be from fabrication/installation or previous maintenance activities.

The indications identified as light corrosion areas were deemed to be minor surface rust in nature. There were no visible signs of active corrosion in the light corrosion areas or the areas with missing coating. The areas examined did not show any wall loss or gross degradation.

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IWE METAL CONTAINMENT EVALUATION

NOI Number: 1-SQ-474 continued

The four bent vertical stiffeners # 53, and #54 between elevation 680 and 691, and #66 and #67 between elevation 740 and 750 are considered negligible and do not affect the structural integrity of the SCV. The stiffeners weld on vertical stiffener #17 at elevation 691 and vertical stiffener #8 at elevation 730 each had a complete weld on the other side and are acceptable by providing significant load path through the connection. The metal damage on the outside plate to the horizontal stiffener B and between vertical stiffeners #12 and #13 at elevation 680 does not affect the structural integrity of the horizontal stiffener because the analysis does not take any credit for this outside plate. The gouge (approximately one inch long and $\frac{1}{2}$ the thickness of the stiffener) on vertical stiffener #9 at elevation 749 does not affect the stiffener or the horizontal stiffener because the resulting reduction in the stiffness and structural capacity is not significant. This information is documented under PER 101958.

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 or other areas on the SCV.

The component is acceptable for continued service, and no further corrective action is required. Therefore, additional examinations are not warranted.

No corrective actions are required to be performed during this outage. The light corrosion areas and the areas with missing coating will be cleaned and re-coated in the next outage (work order 06-773916-000). The bent stiffeners, incomplete welds, the stiffener with a gouge and the area with metal damage are documented under PER 101958, and no corrective actions are required.

These SCV areas are not considered suspect and do not impact the structural integrity or leak tightness of the SCV. No detrimental flaws were observed. The component is acceptable for continued service, and no further corrective action is required this outage. Based upon the conditions found, no additional examinations are warranted this outage.

The remaining SCV surface area on the outboard exterior side is scheduled for examination in the next outage, U1C15. The areas with light surface corrosion and areas with missing coating are to be cleaned and re-coated next outage (work order 06-773916-000). Based on the engineering evaluation documented in PER 10958, the four bent stiffeners, the incomplete weld areas on two vertical stiffeners and the gouge damage on one vertical stiffener are being scheduled for successive examinations in the next three inspection periods. Examinations being performed this outage, U1C14, and the next outage, U1C15, will result in 100% of the accessible areas on the SCV outboard side being examined this period.