

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

February 22, 2008

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

Serial No.: 08-0073
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Docket No.: 50-280
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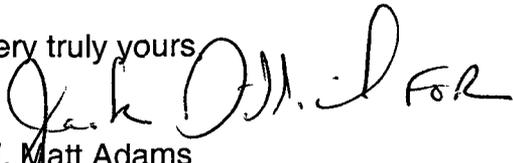
VIRGINIA ELECTRIC AND POWER COMPANY (DOMINION)
SURRY POWER STATION UNIT 1
INSERVICE INSPECTION OWNER'S ACTIVITY REPORT

As allowed by ASME Code Case N-532-4, "Repair/ Replacement Activity Documentation Requirements and Inservice Summary Report Preparation and Submission, Section XI, Division 1," the Form OAR-1 for Surry Unit 1 refueling outage S1R21 is enclosed. This document contains in Tables 1 and 2 the reporting requirements for the second period of the fourth ten-year inservice inspection interval for Surry Unit 1 from May 27, 2006 through the duration of the S1R21 refueling outage that was completed on December 1, 2007. The second period ends on October 13, 2010.

This document also contains in Table 3 the reporting requirements for the first period of the fourth ten-year inservice inspection interval for Surry Unit 1 from December 4, 2004 through the duration of the S1R20 refueling outage that was completed on May 27, 2006. The first period ended on October 13, 2006. Due to an administrative error, Table 3 was inadvertently omitted from the previous Surry Unit 1 OAR-1 submittal letter dated August 18, 2006. The previous Surry Unit 1 Form OAR-1 was submitted as allowed by ASME Code Case N-532-1 "Alternative Requirements to Repair and Replacement Documentation Requirements and Inservice Summary Report Preparation and Submission, Section XI, Division 1".

Should you have any questions regarding this submittal, please contact Mr. Trace Niemi at (757) 365-2848.

Very truly yours,


W. Matt Adams
Director Nuclear Station (S&L)
Surry Power Station

Commitments made in this letter: None

Attachment:

1. Owner's Activity Report (Form OAR-1), Surry Unit 1 Refueling Outage S1R21, Second Period of the Fourth Ten-Year ISI Interval

A047
NRR

cc: U.S. Nuclear Regulatory Commission
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Mr. R. A. Smith
Authorized Nuclear Inspector
Surry Power Station

Attachment

**Owner's Activity Report (Form OAR-1)
Surry Unit 1 Refueling Outage S1R21**

Second Period of the Fourth Ten-Year ISI Interval

**Virginia Electric and Power Company
(Dominion)**

**SURRY POWER STATION, S1R21 OUTAGE
FORM OAR-1 OWNER'S ACTIVITY REPORT**

Report Number: 1-4-2-1 (Unit 1, 4th Interval, 2nd Period, 1st Report)

Plant: Surry Power Station, 5570 Hog Island Rd, Surry, VA 23883

Unit No. 1 Commercial service date 12/22/72 Refueling outage no. S1 R21

Current inspection interval 4th

Current inspection period 2nd

Edition and Addenda of Section XI applicable to the inspection plans 1998 Edition through 2000 Addendum

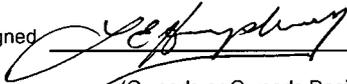
Date and revision of inspection plans Surry Unit 1 4th Interval ISI Plan Revision 4, February 2008

Edition and Addenda of Section XI applicable to repair/replacement activities, if different than the inspection plans. N/A

Code Cases used: N-532-4

CERTIFICATE OF CONFORMANCE

I certify that (a) the statements made in this Report are correct; (b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI; and (c) the repair/replacement activities and evaluation supporting the completion of S1-R21 conform to the requirements of Section XI.

Signed  ISI ENGINEER Date 2/14/08
(Owner's 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 Virginia and employed by H.S.B. - CT of Hatford, CT

have inspected the items described in this Owner's Activity Report, and state that to the best of my knowledge and belief, the Owner has performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the repair/replacements activities and evaluation described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

 Commissions VA 883(R)
Inspector's Signature National Board, State, Province, and Endorsements

Date 2/18/08

**SURRY POWER STATION
S1R21 OUTAGE
FORM OAR-1 OWNER'S ACTIVITY REPORT
TABLE 1**

**ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRED
EVALUATION FOR CONTINUED SERVICE**

Examination Category and Item number	Item Description	Evaluation Description
None		

**SURRY POWER STATION
S1R21 OUTAGE
FORM OAR-1 OWNER'S ACTIVITY REPORT
TABLE 2
ABSTRACT OF REPAIR/REPLACEMENT ACTIVITIES
REQUIRED FOR CONTINUED SERVICE**

Code Class	Item Description	Description of Work	Date Completed	R/R Plan #
3	01-SW-646	Replace Piping	11/11/2006	2006-425
3	01-SW-757	Replace 2" Pipe	11/17/2006	2006-466
1	01-CH-LCV-1460A	Replace Fasteners	11/03/2007	2007-231
1	01-CH-LCV-1460B	Replace Fasteners	11/05/2007	2007-237
2	01-RH-E-1A	Remove ISI Indications Buff or Grind	11/10/2007	2007-263
2	01-RH-E-1B	Repair Indication at weld 1-B02	11/12/2007	2007-279
2	01-RH-E-1B	Weld Repairs	11/12/2007	2007-274
2	01-RH-E-1B	Repair Indications	11/11/2007	2007-270
2	01-SI-PP-2.00-SI- PIPE-81-1502	Repair Indication at weld 7-01BC	11/12/2007	2007-281
2	01-RH-E-1A	Weld Repairs	11/13/2007	2007-271
2	01-CS-PP-10.00- CS-PIPE-4-153	Remove Indications	11/16/2007	2007-286
3	01-CW-PP-96.00- WC-PIPE-4-10	Weld Repairs	11/21/2007	2007-241
1	01-SS-PP-0.38-SS	Replace Tubing	11/19/2007	2007-236 *
2	01-SI-FT-1940A	Weld Repair	07/14/2006	2006-205 *
2	01-CH-TIC-1109	Replace Fasteners	10/10/2006	2006-340
3	01-VS-YS-1D	Replace Component	10/23/2006	2006-318
3	01-SW-756	Replace Valve	12/16/2006	2006-476

Note: All Section XI Repair/Replacement work performed during the 4th Interval from 05/27/06 to 12/01/07 was reviewed for applicability to this Table.

* No ANII involvement required per IWA-4131.2(a)

**SURRY POWER STATION
S1R20 OUTAGE**
FORM OAR-1 OWNER'S ACTIVITY REPORT
TABLE 3**

**ABSTRACT OF REPAIRS, REPLACEMENTS, OR CORRECTIVE MEASURES
REQUIRED FOR CONTINUED SERVICE**

Code Class	Repair, Replacement, or Corrective Measure	Item Description	Description of Work	Condition Found During Scheduled Section XI Examination or Test (Yes or No)	Date Completed	R/R Plan #
3	Corrective Measure	1 ½" WS-450-21X, Pipe	Install Clamp	No	08/22/05	05-266
3	Replacement	1-SW-896	Replace Valve	No	09/07/05	05-268
3	Replacement	1 ½" WS-450-21X, Pipe	Replace Piping	No	08/23/05	05-269
3	Replacement	1-SW-573	Replace Fitting	No	10/21/05	05-303
3	Repair	8"-WS-466-151, Pipe	Weld Repair	No	09/06/05	05-272
3	Repair	1-FC-41	Weld Repair	No	04/11/06	06-115
2	Replacement	1-CH-98	Replace Bonnet	No	05/01/06	06-152
2	Repair	01-RH-PP-0.75-RH-PIPE	Repair Weld	No	05/03/06	06-146*
2	Repair	1-SI-ICV-3546	Replace Valve and Tubing	No	05/03/06	06-145*

Note: All Section XI Repair/Replacement work performed during the 4th Interval from 12/04/04 to 5/27/06 was reviewed for applicability to this Table.

*No ANII involvement required per IWA-4131.2(a).

**Note: that this attachment pertains to S1R20 Outage Form OAR-1 Activity Report.