

Britt T. McKinney
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JUN 21 2006

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Station OP1-17
Washington, DC 20555

**SUSQUEHANNA STEAM ELECTRIC STATION
UNIT 1 FOURTEENTH REFUELING OUTAGE
OWNER'S ACTIVITY REPORT
PLA-6078**

Docket No. 50-387

The attached report is for the Susquehanna Unit 1 Fourteenth Refueling Outage, which is the only Unit 1 refueling outage scheduled for the 1st Inspection Period of the 3rd Inspection Interval for Unit 1.

The report was prepared and submitted in accordance with the requirements of ASME Code Case N-532-1.

By copy of this letter, we are transmitting the Owner's Activity Report to the Commonwealth of Pennsylvania.

If you have any questions, please contact Mr. Rocco R. Sgarro, Manager – Nuclear Regulatory Affairs at (610) 774-7552.

Sincerely,

B. T. McKinney

Attachment: Unit 1 Fourteenth Refueling Outage Owner's Activity Report (4 Pages)

copy: NRC Region I
Mr. A. J. Blamey, NRC Sr. Resident Inspector
Mr. R. V. Guzman, NRC Project Manager
Mr. R. Janati, DEP/BRP
Commonwealth of Pennsylvania

A047

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number	<u>OAR-1-101</u>		
Owner	<u>PPL Susquehanna, LLC, 769 Salem Blvd., Berwick, PA 18603</u> (Name and Address of Owner)		
Plant	<u>Susquehanna Steam Electric Station, 769 Salem Blvd., Berwick, PA 18603</u> (Name and Address of Plant)		
Unit No.	<u>1</u> (if applicable)	Commercial service date	<u>June 8, 1983</u> Refueling outage no. <u>14</u>
Current inspection interval	<u>3rd</u> (1st, 2nd, 3rd, 4th, other)		
Current inspection period	<u>1st</u> (1st, 2nd, 3rd)		
Edition and Addenda of Section XI applicable to the inspection plan.	<u>1998 Edition through the 2000 Addenda</u>		
Date and revision of inspection plan	<u>September 16, 2005, Revision 1</u>		
Edition and Addenda of Section XI applicable to repairs and replacements, if different than the inspection plan.	<u>N/A</u>		

CERTIFICATE OF CONFORMANCE

I certify that the statements made in this Owner's Activity Report are correct, and that the examinations, tests, repairs, replacements, evaluations, and corrective measures represented by this report conform to the requirements of Section XI.

Certificate of Authorization No.	<u>N/A</u> (if applicable)	Expiration Date	<u>N/A</u>
Signed	<u>Richard D. Fogdino</u> Gen. Manager - Nuclear Engineering Owner's or owner's Designee, Title	Date	<u>6-12-06</u>

CERTIFICATE OF INSERVICE INSPECTION

I, the Undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of PENNSYLVANIA and employed by OneCIS Insurance Co. of HOUSTON, TX have inspected the items described in this Owner's Report during the period April 24, 2004 to April 12, 2006, 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 examinations, tests, repairs, replacements, evaluations and corrective measures described in this report. Furthermore, neither the inspector nor his employer shall be liable in any manner injury or property damage or a loss of any kind arising from the connected with this inspection.

Inspector's Signature	<u>Delton E. Tilley</u>	Commissions	<u>NA 8845 ANI B NS Pa 2361</u>
Date	<u>6-14-06</u>	National Board, State, Province, and Endorsement	

TABLE 1
ABSTRACT OF EXAMINATIONS AND TESTS

Interval: 3 Period: 1

Examination Category	Total Examinations Required for The Third Interval	Total Examinations Credited for The First Period	Total Examinations Credited (%) for The First Period	Total Examinations Credited (%) To Date for The Third Interval	Remarks
B-A	40	9	100.00%	22.50%	
B-D	60	20	100.00%	33.33%	
B-G-1	401	79	100.00%	19.70%	Note 1
B-G-2	57	8	100.00%	14.04%	Note 2
B-K	12	4	100.00%	33.33%	
B-L-2	1	0	0%	0%	Note 3
B-M-2	7	7	100.00%	100%	Note 4
B-N-1	33	11	100.00%	33.33%	
B-N-2	66	33	100.00%	33%	
B-O	8	0	0%	0%	
C-A	2	0	0%	0%	
C-B	4	0	0%	0%	
C-C	79	16	100.00%	20.25%	
C-G	33	8	100.00%	24.24%	
D-A	70	24	100.00%	34.29%	
F-A	198	41	100.00%	20.20%	
E-A	1734	572	100.00%	33.00%	Containment surface exams are performed each inspection period
L-A	84	28	100.00%	33.33%	Containment concrete exams are performed each inspection period
R-A	84	21	100.00%	25.00%	
Augmented 2	31	5	45.45%	16.13%	IGSCC
Augmented 9	1708	325	100.00%	19.03%	BWRVIP In-vessel inspections
B-P	5	1	100.00%	20.00%	Class 1 Pressure tests
C-H	24	8	100.00%	33.33%	Class 2 Pressure tests
D-B	15	0	0.00%	0.00%	Class 3 Pressure tests

Notes:

Note 1 - Total Examinations Required represents all B-G-1 bolting; Includes bolting which requires inspection only when disassembled

Note 2 - Total Examinations Required represents all B-G-2 bolting; Includes bolting which requires inspection only when disassembled

Note 3 - Examination only required if pump is disassembled

Note 4 - Examination only required if valve is disassembled

**TABLE 2
ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT
REQUIRED EVALUATION FOR CONTINUED SERVICE**

Examination Category	Item Number	Item Description	Flaw Characterization (IWA-3300)	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes or No)
0	0	0	0	No

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	Flaw or Relevant Condition Found During Scheduled Section XI Examination or Test (Yes or No)	Date Complete	Repair / Replacement Plan Number
1	Replacement	4 NPS Pipe Support / Missing Bolt	Replaced Clamp Bolting	No	4/1/2008	06-162-766230-059
3	Replacement	12 NPS, HRC106-1 ESW Pipe Leak	Replaced Pipe Section	No	6/13/2005	05-154-676964-001

Form R-1 Report of Repair:

06-027-643327-001 Routine Repair of Aux Boiler 0S101B
05-147-697768-001 Routine Repair of Feedwater Heater 1E102B
05-147-726992-001 Routine Repair of Feedwater Heater 1E102A
05-147-726994-002 Routine Repair of Feedwater Heater 1E102C

Form R-2 Report of Alteration:

06-147-764064-002 Reanalyze Wall Thickness, Feedwater Heater 1E104B
06-147-764066-003 Reanalyze Wall Thickness, Feedwater Heater 1E105B