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AUG 18 2011

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Stop O-P1-17
Washington, DC 20555-0001

**SUSQUEHANNA STEAM ELECTRIC STATION
UNIT 2 FIFTEENTH REFUELING OUTAGE
OWNER'S ACTIVITY REPORT
PLA-6744**

Docket No. 50-388

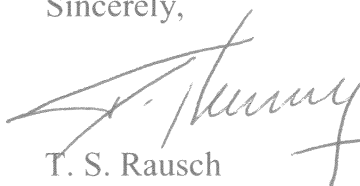
The attached report is for the Susquehanna Unit 2 Fifteenth Refueling Outage, which is the second Unit 2 refueling outage for the 2nd Inspection Period of the 3rd Inspection Interval for Unit 2.

The report was prepared and submitted in accordance with the requirements of ASME Code Case N-532-4.

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

If you have questions, please contact C. T. Coddington at (610) 774-4019.

Sincerely,


T. S. Rausch *SVP SSES for TSR*

Attachment: Unit 2 Fifteenth Refueling Outage Owner's Activity Report

Copy: NRC Region I
Mr. P. W. Finney, NRC Sr. Resident Inspector
Mr. R. R. Janati, DEP/BRP
Mr. B. Vaidya, NRC Project Manager
Commonwealth of Pennsylvania

ATTACHMENT TO PLA-6744

OWNER'S ACTIVITY REPORT

SUSQUEHANNA UNIT 2 15TH REFUEL OUTAGE

Susquehanna

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number QAR-1-204

Plant. Susquehanna Steam Electric Station, 769 Salem Blvd., Berwick, PA 18603

Unit No. 2 (if applicable) Commercial service date. February 12, 1985 Refueling outage no. 15

Current inspection interval. 3rd (1st, 2nd, 3rd, 4th, other)

Current inspection period. 2nd (1st, 2nd, 3rd)

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

Date and revision of inspection plans May 28th, 2010, Revision 4

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 (if applicable)

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 evaluations supporting the completion of Refueling Outage 15 conform to the requirements of Section XI.

Signed Richard D. Fogdwin, Gen. Manager-Nuclear Engineering Date 7/12/11
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 PENNSYLVANIA and employed by OneCIS Insurance Co. of Lynn, MA 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/replacement 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 a loss of any kind arising from or connected with this inspection.

Charles Young
Inspector's Signature

Commissions NB9544AIN PA 2392

Date 7-15-11

Susquehanna
 Table 1
 ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRED
 EVALUATION FOR CONTINUED SERVICE

Examination Category and Item Number	Item Description	Evaluation Description
None		

U2-15RIO Owner's Activity Report

TABLE 2
 Abstract of Repair/Replacement Activities Required For Continued Service

Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
None	None	None	None	None

Form R-2 Report of Alteration:

None