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AUG 1 1 2015

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555-0001

**SUSQUEHANNA STEAM ELECTRIC STATION  
UNIT 2 17TH REFUELING OUTAGE  
OWNER'S ACTIVITY REPORT  
PLA-7368**

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**Docket No. 50-388**

In accordance with the requirements of American Society of Mechanical Engineers (ASME) Code Case N-532-5, enclosed is the Owner's Activity Report (Form OAR-1), for the Unit 2 17<sup>th</sup> refueling outage. This report is for the first refueling outage of the first period of the fourth inspection interval.

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

There are no new regulatory commitments associated with this submittal.

If you have any questions or require additional information, please contact Mr. Jeffery N. Grisewood (570) 542-1330.

Sincerely,

A handwritten signature in blue ink, appearing to read "J. A. Franke", written over a horizontal line.

J. A. Franke

Enclosure: Owner's Activity Report, Susquehanna Steam Electric Station,  
Unit 2, 17<sup>th</sup> Refueling Outage

Copy: NRC Region I  
Mr. J. E. Greives, NRC Sr. Resident Inspector  
Mr. J. A. Whited, NRC Project Manager  
Mr. M. Shields, PA DEP/BRP

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**Enclosure to PLA-7368**

**Owner's Activity Report**  
**Susquehanna Steam Electric Station, Unit 2**  
**17<sup>th</sup> Refueling Outage**  
*(two pages, in enclosure)*

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### FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number OAR-1-206

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

Unit No. 2 Commercial service date February 12, 1985 Refueling outage no. 17  
(If applicable)

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

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

Edition and Addenda of Section XI applicable to the inspection plans The 1998 Edition through 2000 Addenda is applicable prior to 6/1/2014. The 2007 Edition through 2008 Addenda is applicable from 6/1/2014 through the present.

Date and revision of inspection plans June 1, 2014

Edition and Addenda of Section XI applicable to repair/replacement activities, if different than the inspection plans \_\_\_\_\_

The 1998 Edition through 2000 Addenda is applicable for activities prior to 6/1/2014. The 2007 Edition through 2008 Addenda is applicable from 6/1/2014 through the present.

Code Cases used for inspection and evaluation: N-532-5  
(if applicable, including cases modified by Case N-532 and later revisions)

#### 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 U217RIO conform to the requirements of Section XI.  
(refueling outage number)

Signed [Signature], Gen. Manager, Nuclear Engineering Date 7/22/15  
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 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.

[Signature] Commission NB 11215 ABNE  
Inspector's Signature (National Board Number and Endorsement)

Date July 22<sup>nd</sup> 2015

**TABLE 1  
ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRED  
EVALUATION FOR CONTINUED SERVICE**

Examination Category and Item Number	Item Description	Evaluation Description
None		

**TABLE 2  
ABSTRACT OF REPAIR/REPLACEMENT ACTIVITIES REQUIRED FOR CONTINUED SERVICE**

Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan Number
Class 1	Replace 2" SPDCA202-2 Blind Flange	Replace 2" SPDCA202-2 blind flange due to damage on flange seating surface	05/20/2015	15-264-1745861-040
Class 2	Replace 10" HV255F001 Valve Disc	Replace 10" HV255F001 valve disc due to damage	04/29/2015	14-252-1754922-086