

**Jon A. Franke**  
Site Vice President

**Susquehanna Nuclear, LLC**  
769 Salem Boulevard  
Berwick, PA 18603  
Tel. 570.542.2904 Fax 570.542.1504  
jon.franke@talenergy.com



**JUL 27 2016**

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

**SUSQUEHANNA STEAM ELECTRIC STATION  
UNIT 1 19TH REFUELING OUTAGE  
OWNER'S ACTIVITY REPORT  
PLA-7507**

**Docket No. 50-387**

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 1 19<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. Jason Jennings (570) 542-3155.

Sincerely,

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

J. A. Franke

Enclosure: Owner's Activity Report, Susquehanna Steam Electric Station,  
Unit 1, 19<sup>th</sup> Refueling Outage

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

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**Enclosure to PLA-7507**

**Owner's Activity Report**  
**Susquehanna Steam Electric Station, Unit 1**  
**19<sup>th</sup> Refueling Outage**  
*(two pages, in enclosure)*

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## FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number OAR-1-106

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

Unit No. 1 Commercial service date June 8, 1983 Refueling outage no. 19  
(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 2007 Edition through 2008 Addenda

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 N/A

Code Cases used for inspection and evaluation: N-513-3, N-532-5, N-702

(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 U119RIO conform to the requirements of Section XI.  
(refueling outage number)

Signed *William J. Reppa*, Gen. Manager, Nuclear Engineering Date 7/18/16  
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.

*Alfred M. Cate* Commission *NB 11215 ABNI*  
Inspector's Signature (National Board Number and Endorsement)

Date *July 21<sup>st</sup> 2016*

**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 3	12" HRC105-1 Emergency Service Water Piping	Replace section of piping due to through-wall MIC induced leak	4/18/2015	15-154-1892914-019
Class 3	6" HRC13-1 Emergency Service Water Piping	Replace section of piping due to through-wall MIC induced leak	7/2/2015	15-030-1889023-024
Class 3	2" SPHRC124-10 Emergency Service Water Flex Hose	Replace hose due to through-wall MIC induced leak	3/5/2015	15-134-1882269-013
Class 3	12" HRC106-1 Emergency Service Water Piping	Replace section of piping due to through-wall MIC induced leak	4/14/2015	15-154-1848592-002