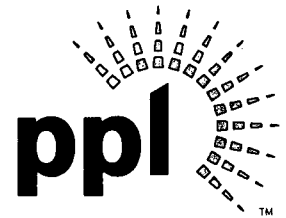


**Timothy S. Rausch**  
Sr. Vice President & Chief Nuclear Officer

**PPL Susquehanna, LLC**  
769 Salem Boulevard  
Berwick, PA 18603  
Tel. 570.542.3445 Fax 570.542.1504  
tsrausch@pplweb.com



**JUL 31 2009**

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

**SUSQUEHANNA STEAM ELECTRIC STATION  
UNIT 2 FOURTEEN REFUELING OUTAGE  
OWNER'S ACTIVITY REPORT  
PLA-6523**

**Docket No. 50-388**

The attached report is for the Susquehanna Unit 2 Fourteenth Refueling Outage, which is the first Unit 2 refueling outage for the 2<sup>nd</sup> Inspection Period of the 3<sup>rd</sup> 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 any questions, please contact Mr. Christopher K. Hoffman, Acting Manager – Nuclear Regulatory Affairs at (610) 774-4043.

Sincerely,

A handwritten signature in black ink, appearing to read "Timothy S. Rausch", written in a cursive style.

T. S. Rausch

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

copy: NRC Region I  
R. Janati, DEP/BRP  
F. W. Jaxheimer, NRC Sr. Resident Inspector  
B. K. Vaidya, NRC Project Manager  
Commonwealth of Pennsylvania

A047  
NRC

# Susquehanna Form OAR-1 Owner's Activity Report

Report Number OAR-1-203

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

Unit No. 2 Commercial service date February 12, 1985 Refueling outage no. 14  
(if applicable)

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 December 18, 2007, Revision 3

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 evaluations supporting the completion of Refueling Outage 14 conform to the requirements of Section XI.

Signed Ronald Pogodin, Gen. Manager - Nuclear Engineering Date 7-21-09  
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 evaluations 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.

Inspector's Signature Chuck Ceyran Commissions NB9544 AIN PA 2392  
National Board, State, Province, and Endorsements

Date 7-23-09  
7-23-09

**Susquehanna**

**TABLE 1**

**ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRE  
EVALUATIONS FOR CONTINUED SERVICE**

Examination Category and Item number	Item Description	Evaluation Description
None		

# Susquehanna

## TABLE 2

### ABSTRACT OF REPAIR/REPLACEMENT ACTIVITIES REQUIRED FOR CONTINUED SERVICE

Code Class	Item Description	Description of Work	Date Completed	Repair/Replacement Plan number
1	Pipe Support DCA202-H3	Replaced mechanical snubber due to test failure	4/23/2009	09-264-916175-039
1	Pipe Support DBA205-H16	Replaced mechanical snubber due to test failure	5/1/2009	09-248-916020-047
1	Pipe Support DBA205-H17	Replaced mechanical snubber due to test failure	5/4/2009	09-262-1047920-053

#### Form R-2 Report of Alteration:

06-247-780077-006      Rerate of Feedwater Heater 2E105A  
06-247-780080-007      Rerate of Feedwater Heater 2E105B  
06-247-780082-008      Rerate of Feedwater Heater 2E105C