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JUN 0 2 2014

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

SUSQUEHANNA STEAM ELECTRIC STATION
SNUBBER PROGRAM PLAN FOR THE FOURTH
TEN-YEAR INSERVICE INSPECTION INTERVAL
PLA-7179

Docket No. 50-387
and No. 50-388

In accordance with American Society of Mechanical Engineers Code for Operation and Maintenance of Nuclear Power Plants (ASME OM Code), Subparagraph ISTA-3200(a), attached for your information is a copy of the Snubber Program Plan for the Susquehanna Steam Electric Station (SSES) Unit 1 and Unit 2 fourth ten-year inservice inspection (ISI) interval.

The SSES Unit 1 and Unit 2 fourth ten-year ISI interval begins on June 1, 2014 and concludes on May 31, 2024.

There are no new regulatory commitments contained in this letter.

If you have any questions or require additional information, please contact Mr. Duane L. Filchner (570) 542-6501.

Sincerely,

J. A. Franke

Enclosure: Snubber Program Plan

Copy: NRC Region I
Mr. J. Greives, NRC Sr. Resident Inspector
Mr. J. Whited, NRC Project Manager
Mr. L. Winker, PA DEP/BRP

Enclosure to PLA-7179

Snubber Program Plan

PPL Corporation

2 North 9th Street

Allentown, PA 18101

PPL Susquehanna, LLC

769 Salem Blvd.

Berwick, PA 18603

Susquehanna Steam Electric Station

Unit # 1 Commercial service date 06/08/1983

Unit # 2 Commercial service date 02/12/1985

Susquehanna Steam Electric Station
SNUBBER PROGRAM PLAN

1.0 General

1.1 The inspection and testing of all safety related snubbers shall be implemented and performed in accordance with the ASME OM Code. PPL Susquehanna Nuclear Procedure NEPM-QA-0595, "Snubber Program", will implement the requirements of the ASME OM Code to ensure the required operability of these snubbers during a seismic or other event, initiating dynamic loads.

1.2 The Snubber program, as defined within NEPM-QA-0595, establishes visual examination, functional testing and service life monitoring requirements, pertaining to mechanical, compensating strut, and hydraulic safety related snubbers.

1.2.1 The examination boundaries shall include the snubber assembly from pin to pin inclusive. Coordination with the ISI program owner will be required to complete the surveillance requirements for piping and structural attachments.

1.3 The SSES Snubber Program described in NEPM-QA-0595 adheres to the requirements of the ASME OM Code, Subsection ISTD, 2004 Edition up to and including the 2006 addenda, as allowed by 10CFR50.55a(b)(3)(v) in lieu of ASME Section XI, IWF-5200(a) and (b) and IWF-5300(a) and (b).

1.4 PPL Susquehanna Station Procedure NEIM-00-1164, in conjunction with NEPM-QA-0595 establishes a Snubber Visual Examination program for Hydraulic and Mechanical Snubbers which adheres to the requirements of ISTD-4200.

1.5 PPL Susquehanna Station Procedure NEIM-00-1160 in conjunction with NEPM-QA-0595 and Specification M-1090, establishes a Snubber Functional Testing program for Hydraulic and Mechanical Snubbers which adheres to the requirements of ISTD-5000.

1.6 PPL Susquehanna Station Procedure NEIM-00-1035, in conjunction with NEPM-QA-0595 establishes a Snubber Service Life Monitoring program for Hydraulic and Mechanical Snubbers which adheres to the requirements of ISTD-6000.

2.0 Functional Testing:

2.1 PPL Susquehanna station will use the 10% sampling plan as described in ISTD-5310 to functional test snubbers during every refueling outage.

2.2 Snubbers are grouped into DTPG's by design type, in accordance with ISTD-5252 for testing purposes.

2.3 Snubbers that do not meet the operability testing acceptance criteria in Specification M-1090 shall be evaluated to determine the cause of the failure and appropriate corrective action taken.

2.4 When additional samples are required, they shall be at least one-half the size of the initial sample from that DTPG in accordance with the ISTD-5312.

2.5 The In-service Testing Program Plan shall identify and track expanded or additional testing specified and required by NEIM-00-1160 and in accordance with ISTD-5320.

3.0 Visual Examination:

3.1 Visual Examinations shall be performed at the frequency specified within NEIM-00-1164 in accordance with ASME OM Code. Code Case OMN-13 is utilized to establish the snubber visual examination frequency. 100% visual examinations occur at the frequency of the 10 year interval. Additionally, these visual exams will be credited for examinations under IWF-2000.

3.2 Visual (VT-3) Baseline Examinations shall be performed whenever new snubbers are installed, reinstallation of existing or swapped snubbers that were functionally tested, or after repairs, replacements or modifications.

3.3 Visual Examinations shall be performed by qualified individuals using the VT-3 method as described in ASME Section XI, IWA-2213.

3.4 Snubbers that do not conform to the Visual Examination requirements of NEIM-00-1164, shall be reported for evaluation and functionally tested. If the functional test is found satisfactory, the snubber shall be considered operable.

4.0 Service Life Monitoring:

4.1 The service life of all snubbers shall be monitored. Snubbers shall be replaced or reconditioned as required to ensure that the service life is not exceeded between outage inspections, during a period when the snubber is required to be operable. The replacement or reconditioning shall be documented and records retained in accordance with PPL Susquehanna Nuclear Procedures.

4.2 The service life of a snubber is evaluated using manufacturing input and engineering information gained through consideration of the snubber service conditions and in-service functional test results. A service life monitoring program is included in NEIM-00-1035.

5.0 **Repair, Replacement and Modification Requirements:**

5.1 Repairs, Replacements and Modifications performed on snubbers under this program shall conform, as applicable, to the requirements specified within, the PPL Susquehanna Repair and Replacement Program.

6.0 **Scheduling:**

6.1 The Visual Examinations and Functional Testing schedules shall be established, tracked, and maintained within the PPL Susquehanna IDDEAL database.

7.0 **Reports and Records:**

7.1 Reports and records for the Visual (Examinations and Functional Testing) shall be maintained on all snubbers listed within the ISI controlled IDDEAL database per NDAP-QA-0502, Work Order Process.

7.2 Applicable records and reports, as required for Repair and Replacements, shall be maintained for snubbers in accordance with procedure MT-AD-0522, Repair, Alteration and Replacement of ASME Code Components.

7.3 Records of the service life of all hydraulic and mechanical snubbers listed in this program, including the date at which the service life commences, and associated installation and maintenance records will be maintained.

Approvals:

Snubber Program Owner _____ date 5/3/2014

Reviewer _____ date 5/3/14

Approved _____ date 5/3/14