



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
WASHINGTON, D.C. 20555-0001

July 14, 2015

Mr. Eric A. Larson, Site Vice President
Beaver Valley Power Station
Mail Stop A-BV-SEB1
P.O. Box 4, Route 168
Shippingport, PA 15077

**SUBJECT: BEAVER VALLEY POWER STATION, UNIT NOS. 1 AND 2 - REQUEST FOR
ADDITIONAL INFORMATION REGARDING LICENSE AMENDMENT
REQUEST TO REVISE STEAM GENERATOR TECHNICAL SPECIFICATIONS
TO REFLECT TSTF-510 AND TO REVISE ALLOY 800 SLEEVE TECHNICAL
SPECIFICATIONS (TAC NOS. MF6054 AND MF6055)**

Dear Mr. Larson:

By letter dated April 1, 2015 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML15092A569), FirstEnergy Nuclear Operating Company (the licensee), submitted a license amendment request to revise the Beaver Valley Power Station, Unit Nos. 1 and 2, Technical Specifications (TSs) to incorporate the guidance of Technical Specification Task Force Traveler (TSTF)-510, Revision 2, "Revision to Steam Generator Program Inspection Frequencies and Tube Sample Selection" (ADAMS Accession No. ML110610350). The license amendment would modify the requirement to remove tubes with Alloy 800 sleeves from service. The guidance of TSTF-510 revises TS 3.4.20, "Steam Generator (SG) Tube Integrity"; TS 5.5.5, "Steam Generator (SG) Program"; and TS 5.6.6, "Steam Generator Tube Inspection Report." To complete its review, the U.S. Nuclear Regulatory Commission staff requests a response to the enclosed Request for Additional Information.

The draft questions were sent to Mr. Phil Lashley to ensure that they were understandable, the regulatory basis for the questions was clear, and to determine if the information was previously docketed. Please respond to the enclosure within 30 days of the date of this letter.

E. Larson

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If you have any questions, please contact me at (301) 415-7128 or Taylor.Lamb@nrc.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Taylor A. Lamb". The signature is fluid and cursive, with the first name "Taylor" being the most prominent.

Taylor A. Lamb, Project Manager
Plant Licensing Branch I-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-334 and 50-412

Enclosure:
Request for Additional Information

cc w/enclosure: Distribution via Listserv

REQUEST FOR ADDITIONAL INFORMATION
LICENSE AMENDMENT REQUEST TO REVISE STEAM GENERATOR
TECHNICAL SPECIFICATIONS TO REFLECT TSTF-510 AND
TO REVISE ALLOY 800 SLEEVE TECHNICAL SPECIFICATIONS
FIRSTENERGY NUCLEAR OPERATING COMPANY
BEAVER VALLEY POWER STATION, UNIT NOS. 1 AND 2
DOCKET NOS. 50-334 AND 50-412

By letter dated April 1, 2015 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML15092A569), FirstEnergy Nuclear Operating Company (the licensee), submitted a license amendment request to revise the Beaver Valley Power Station, Unit Nos. 1 and 2, Technical Specifications (TSs) to incorporate the guidance of Technical Specification Task Force Traveler (TSTF)-510, Revision 2, "Revision to Steam Generator Program Inspection Frequencies and Tube Sample Selection" (ADAMS Accession No. ML110610350), and would modify the requirement to remove tubes with Alloy 800 sleeves from service. The guidance of TSTF-510 revises TS 3.4.20, "Steam Generator Tube Integrity"; TS 5.5.5, "Steam Generator (SG) Program"; and TS 5.6.6, "Steam Generator Tube Inspection Report." To complete its review, the U.S. Nuclear Regulatory Commission (NRC) staff requests a response to the questions below.

1. The guidance in TSTF-510 distinguishes between plugging and repair (e.g., sleeving of tubes). Please discuss any plans to modify TSs 5.5.5.2.c.1, 5.5.5.2.c.4, 5.5.5.2.d.3, 5.5.5.2.d.4, and 5.6.6.2.3 to clearly indicate "plugging or repair," rather than just "repair," to clarify that tubes may either be plugged or repaired if flaws exceeding the "plugging or repair" criteria are identified.
2. Proposed TS 5.5.5.2.d.2 was not modified to reflect the guidance in a June 17, 2013, letter (ADAMS Accession No. ML13120A541), in which the NRC acknowledged a correction to paragraph d.2 of TSTF-510, Revision 2. Please discuss your plan to modify your application to be consistent with the June 17, 2013, letter.

Enclosure

E. Larson

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If you have any questions, please contact me at (301) 415-7128 or Taylor.Lamb@nrc.gov.

Sincerely,

/RA/

Taylor A. Lamb, Project Manager
Plant Licensing Branch I-2
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

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Request for Additional Information

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ADAMS Accession No.: ML15181A214

*via memo

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