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

August 28, 2014

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

SUBJECT: BEAVER VALLEY POWER STATION, UNITS 1 AND 2 - REQUEST FOR ADDITIONAL INFORMATION RE: LICENSE AMENDMENT REQUEST TO ADOPT TECHNICAL SPECIFICATIONS TASK FORCE TRAVELER 425 (TAC NOS. MF2942 AND MF2943)

Dear Mr. Larson:

By letter dated October 18, 2013,[1] as supplemented by letter dated June 26, 2014,[2] FirstEnergy Nuclear Operating Company (the licensee) submitted a license amendment request for Beaver Valley Power Station, Units 1 and 2 (BVPS). The proposed amendment would modify the BVPS Technical Specifications by relocating specific surveillance frequencies to a licensee-controlled program with the implementation of Nuclear Energy Institute (NEI) 04-10, "Risk-Informed Technical Specifications Initiative 5b, Risk-Informed Method for Control of Surveillance Frequencies." To complete its review, the Nuclear Regulatory Commission staff requests a response to the enclosed questions.

On August 20, 2014,[3] the draft Request for Additional Information (RAI) questions were sent to Mr. Phil Lashley, of your staff, to ensure that the questions were understandable, the regulatory basis for the questions were clear, and to determine if the information was previously docketed. On August 28, 2014, during a discussion of the draft RAIs, it was noted that the answers to draft questions RAI 7 and RAI 8 are located in Enclosures B and C of the licensee's license amendment request. As such, these questions are not included in the enclosure to this letter and RAI 9 of the draft RAIs is re-numbered as RAI 7 in the enclosure.

Please respond to the enclosed question within 30 days of the date of this letter.

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[1] Agencywide Documents Access and Management System (ADAMS) Accession No. ML13295A006.
[2] ADAMS Accession No. ML14177A514.
[3] ADAMS Accession Nos. ML14232A673 and ML14232A674.

If you have any questions regarding this matter, please contact me at 301-415-4090.

Sincerely,

Jeffrey Whited, 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/encl: Distribution via Listserv

REQUEST FOR ADDITIONAL INFORMATION

OFFICE OF NUCLEAR REACTOR REGULATION

AMENDMENT TO ADOPT TSTF-425 TO RELOCATE SPECIFIC SURVEILLANCE

FREQUENCIES TO A LICENSEE-CONTROLLED PROGRAM

BEAVER VALLEY POWER STATION, UNITS 1 AND 2

DOCKET NOS. 50-334 AND 50-412

By letter dated October 18, 2013,[1] as supplemented by letter dated June 26, 2014,[2] FirstEnergy Nuclear Operating Company (the licensee) submitted a license amendment request for Beaver Valley Power Station (BVPS), Units 1 and 2. The proposed amendment would modify the BVPS Technical Specifications by relocating specific surveillance frequencies to a licensee-controlled program with the implementation of Nuclear Energy Institute (NEI) 04-10, "Risk-Informed Technical Specifications Initiative 5b, Risk-Informed Method for Control of Surveillance Frequencies," (TSTF-425). To complete its review, the Nuclear Regulatory Commission (NRC) staff requests a response to the question below.

In response to RAI 6, submitted by letter dated June 26, 2014, the licensee directed the NRC staff to a Facts and Observations (F&O) table in its National Fire Protection Administration 805 Supplement dated on February 14, 2014.[3] The tables in the supplement included all F&Os from previous peer reviews, consistent with the information in the submittal, and some focused scope peer review F&Os for Human Reliability Analysis and Internal Flooding (IF). During the review of the IF F&Os in Table 1-4, some F&Os appear to be resolved for the Internal Events Probabilistic Risk Assessment (PRA) (in the column BVPS-1 Final Resolution), yet kept as open for the Fire PRA model.

RAI 7: Since the standby components are important for the TSTF-425 application, please explain how the likelihood of post-maintenance misalignment for the standby components are modeled in the internal events PRA.

[1] Agencywide Documents Access and Management System (ADAMS) Accession No. ML13295A006.
[2] ADAMS Accession No. ML14177A514.
[3] ADAMS Accession No. ML14051A499.

Enclosure

If you have any questions regarding this matter, please contact me at 301-415-4090.

Sincerely,

/RA/

Jeffrey Whited, 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

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ADAMS Accession No.: ML14232A657 ***via e-mail **via memo**

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