



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

February 3, 2017

Mr. Marty L. Richey, 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, UNIT NOS. 1 AND 2 – REQUEST FOR  
ADDITIONAL INFORMATION REGARDING RELIEF REQUEST NUMBERS  
PR6 AND PR7 (CAC NOS. MF8340, MF8341, MF8342, AND MF8343)

Dear Mr. Richey:

By letter dated August 31, 2016 (Agencywide Documents Access and Management System Accession No. ML16245A320), FirstEnergy Nuclear Operating Company submitted 28 proposed alternatives and relief requests for the Beaver Valley Power Station, Unit Nos. 1 and 2 (BVPS-1 and BVPS-2). The relief requests are associated with the fifth and fourth 10-year intervals of inservice testing program for pumps and valves for BVPS-1 and BVPS-2, respectively. As a part of the submittal, the U.S. Nuclear Regulatory Commission (NRC) staff noted the licensee requests that the BVPS-2 fourth 10-year interval coincide with the BVPS-1 fifth 10-year interval. The NRC staff requests a response to the enclosed questions to complete its review regarding Relief Request Numbers PR6 and PR7.

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

If you have any questions regarding this matter, please contact me at 301-415-7128 or [Taylor.Lamb@nrc.gov](mailto:Taylor.Lamb@nrc.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Taylor A. Lamb", is written over a horizontal line.

Taylor A. Lamb, Project Manager  
Plant Licensing Branch I  
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  
RELIEF REQUEST NUMBERS PR6 AND PR7  
FOR THE FOURTH AND FIFTH 10-YEAR INSERVICE TESTING INTERVALS  
FIRSTENERGY NUCLEAR OPERATING COMPANY  
BEAVER VALLEY POWER STATION, UNIT NOS. 1 AND 2  
DOCKET NOS. 50-334 AND 50-412

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The NRC staff has reviewed and evaluated the information provided by the licensee and has determined that the following information is needed in order to complete its review of the relief requests.

**Request for Additional Information PR6-1:**

In Section 3, "Applicable Code Requirement," of the submittal, Table ISTB-3000-1, "Inservice Test Parameters," identifies flow rate as a test parameter, and Note 1 of the table states, in part, that, "...differential pressure or flow rate shall be measured or determined." Note 1 in Table ISTB-3000-1 is applicable to Group B tests. The boric acid transfer pumps are Group A pumps. Explain why Note 1 is referenced in Section 3, if it is not applicable to Group A pumps.

**Request for Additional Information PR6-2:**

Section 6, "Proposed Alternative and Basis for Use," of the submittal states, "separate vibration reference and acceptance criteria values will be used for the different test conditions of the recirculation and full flow tests." Please provide the vibration reference and acceptance criteria values.

**Request for Additional Information PR7-1:**

In Section 1, "ASME Code Components Affected," of the submittal, the residual heat removal pumps are listed as ASME Class 2 pumps. In Alternative Request Number PR8, the residual heat removal pumps are listed as ASME Class 3 pumps. Please state which classification is correct.

Enclosure

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RWolfgang, NRR

**ADAMS Accession Number: ML17031A036**

\*by e-mail dated

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