



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

October 14, 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
MODIFY EMERGENCY PREPAREDNESS PLAN REGARDING THE
EMERGENCY PLANNING ZONE BOUNDARY (TAC NOS. MF4765 AND
MF4766)

Dear Mr. Larson:

By letter dated September 4, 2014, FirstEnergy Nuclear Operating Company (the licensee) submitted a license amendment request for Beaver Valley Power Station (BVPS), Units 1 and 2. The license amendment proposes changes to the BVPS 10 mile Plume Exposure Pathway Emergency Planning Zone boundary. To complete its review, the Nuclear Regulatory Commission staff requests a response to the enclosed question.

The draft question was sent to Mr. Phil Lashley, of your staff, to ensure that the question was understandable, the regulatory basis for the question was clear, and to determine if the information was previously docketed. Please respond to the enclosed question within 60 days of the date of this letter.

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

Sincerely,

A handwritten signature in black ink that reads "Jeffrey A. Whited".

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
OFFICE OF NUCLEAR SECURITY AND INCIDENT RESPONSE
REQUEST FOR ADDITIONAL INFORMATION RELATED TO A LICENSE AMENDMENT
REQUEST TO MODIFY THE EMERGENCY PREPAREDNESS PLAN
BEAVER VALLEY POWER STATION – UNITS 1 AND 2
DOCKET NOS. 50-344 AND 50-412

By letter dated September 4, 2014,¹ FirstEnergy Nuclear Operating Company (the licensee) submitted a license amendment request for the Beaver Valley Power Station (BVPS), Units 1 and 2. The license amendment proposes changes to the BVPS 10 mile Plume Exposure Pathway Emergency Planning Zone (EPZ) boundary. To complete its review, the Nuclear Regulatory Commission (NRC) staff requests a response to the question below.

Page 1 of Attachment 3 to the licensee's submittal states, in part, that:

FirstEnergy is working with the Federal Emergency Management Agency (FEMA) and the Offsite Response Organizations (OROs) in the EPZ to formally change the BVPS EPZ boundary to that used in the 2012 ETE [evacuation time estimate] study.

Page 8 of 16 of the licensee's submittal states, in part, that:

Hancock County updated their emergency plan to reflect the revised West Virginia EPZ boundaries shown in the 2012 BVPS ETE. These changes were submitted to the Federal Emergency Management Agency (FEMA) on March 21, 2014 pursuant to the requirements of FEMA "Program Manual Radiological Emergency Preparedness," June 2013.

Page 10 of 16 of the licensee's submittal states, in part, that:

Beaver County revised their emergency plan to reflect the 10-mile EPZ boundary as shown in the 2012 BVPS ETE. The last change was submitted to FEMA on March 19, 2014 pursuant to the requirements of FEMA "Program Manual Radiological Emergency Preparedness," June 2013.

Based on the discussions above, the NRC staff is uncertain as to whether or not the ORO Emergency Plans are in alignment with the proposed BVPS Emergency Plan related to a change to the BVPS EPZ Boundary.

¹ Agencywide Documents Access and Management System (ADAMS) Accession No. ML14247A512.

RAI-1: Please provide documentation from each affected State and County within the BVPS 10 mile Plume Exposure Pathway EPZ stating that they are in agreement with the proposed changes to the BVPS Emergency Plan, and that their respective Emergency Plans have been, or will be, revised accordingly to reflect the 10 mile Plume Exposure Pathway EPZ boundary as shown in the 2012 BVPS ETE study.

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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

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Request for Additional Information

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***Via e-mail**

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