

March 2, 2006

Mr. James H. Lash
Vice President
FirstEnergy Nuclear Operating Company
Beaver Valley Power Station
P. O. Box 4
Shippingport, PA 15077

SUBJECT: BEAVER VALLEY POWER STATION, UNIT NO. 2 (BVPS-2) - REQUEST FOR
ADDITIONAL INFORMATION (RAI) - STATION BATTERY CHARGER
UPGRADE (TAC NO. MC8735)

Dear Mr. Lash:

By letter dated October 14, 2005, FirstEnergy Nuclear Operating Company requested an Amendment to the BVPS-2, Technical Specifications (TSs). The proposed changes would revise TSs 3/4.8.2.3 and 3/4.8.2.4 to permit implementation of station battery charger upgrades, including installation of new battery chargers. The Nuclear Regulatory Commission (NRC) staff has determined that the information contained in the enclosed RAI will be needed for the NRC staff to complete its review.

As discussed with your staff, we request your response within 30 days of receipt of this letter in order to maintain our review schedule. If you have any questions, please contact me at 301-415-1402.

Sincerely,

/RA/

Timothy G. Colburn, Senior Project Manager
Plant Licensing Branch I-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-412

Enclosure:
RAI

cc w/encl: See next page

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*Input received. No substantive changes made.

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REQUEST FOR ADDITIONAL INFORMATION (RAI)
BEAVER VALLEY POWER STATION, UNIT NO. 2 (BVPS-2)
STATION BATTERY CHARGER UPGRADE
DOCKET NO. 50-412

By letter dated October 14, 2005 (Agencywide Documents Access and Management System Accession No. ML052920419), FirstEnergy Nuclear Operating Company requested an amendment to the BVPS-2 Technical Specifications (TSs). The proposed changes would revise TSs 3/4.8.2.3 and 3/4.8.2.4 to permit implementation of station battery charger upgrades, including installation of new battery chargers. The Nuclear Regulatory Commission (NRC) staff has determined that the information contained below is needed for the NRC staff to complete its review.

1. Provide assurance that any spare charger that could be credited by removing '2-7' from TS 3.8.2.3 ACTION b and the note in TS 3.8.2.4 would be equivalent to what is detailed in the BVPS-2 Updated Final Safety Analysis Report (UFSAR).
2. The Institute of Electrical and Electronics Engineers (IEEE) Standard - 450 (1987-2002), "IEEE Recommended Practice for Maintenance, Testing, and Replacement of Vented Lead-Acid Batteries for Stationary Applications," states that degradation is indicated when the battery capacity drops more than 10% from its capacity on the previous performance test, or is below 90% of manufacturer's rating.

Provide assurance that the current definition for battery degradation being used at BVPS-2 provides an accurate indication of each battery's condition.

3. Provide assurance that the BVPS-2 UFSAR will reflect the proposed design change.
4. Provide an updated electrical one-line diagram that shows the proposed design configuration.
5. How will you prevent the rectifier assemblies from providing direct current input to the respective 125-volt direct current bus?

cc:

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Beaver Valley Power Station, Unit Nos. 1 and 2 (continued)

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