



FirstEnergy Nuclear Operating Company

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May 30, 2008
L-08-179

10 CFR 54

ATTN: Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, DC 20555-0001

SUBJECT:

Beaver Valley Power Station, Unit Nos. 1 and 2
BV-1 Docket No. 50-334, License No. DPR-66
BV-2 Docket No. 50-412, License No. NPF-73
Supplement to Reply to Request for Additional Information Regarding Postulated
Refurbishment Impacts for Beaver Valley Power Station, Units 1 and 2, License
Renewal (TAC Nos. MD6595 and MD6596)

Reference 1 provided the FirstEnergy Nuclear Operating Company (FENOC) License Renewal Application for the Beaver Valley Power Station (BVPS). Reference 2 provided a summary of a conference call between the U.S. Nuclear Regulatory Commission (NRC) and FENOC on the topic of license renewal major refurbishment and the associated environmental impacts. Reference 3 requested additional information regarding refurbishment impacts described in Appendix E, "Environmental Report," of the BVPS License Renewal Application. Reference 4 provided the FENOC reply to the NRC request for additional information.

A telephone conference call was held between the NRC and FENOC on April 30, 2008, to discuss the FENOC reply in Reference 4. During the call, the NRC requested additional information related to new and significant information on potential Category 1 environmental impacts due to a postulated BVPS Unit 2 steam generator replacement. The Attachment provides the FENOC reply to the request.

There are no regulatory commitments contained in this letter. If there are any questions or if additional information is required, please contact Mr. Clifford I. Custer, Fleet License Renewal Project Manager, at 724-682-7139.

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NCR

I declare under penalty of perjury that the foregoing is true and correct. Executed on
May 30, 2008.

Sincerely,



Peter P. Sena III

References:

1. FENOC Letter L-07-113, "License Renewal Application," August 27, 2007.
2. NRC Letter, "Summary of Telephone Conference Call Held on March 05, 2008, Between the U.S. Nuclear Regulatory Commission and FirstEnergy Nuclear Operating Company, Concerning the Request for Additional Information Pertaining to the Refurbishment Activities at the Beaver Valley Power Station, Units 1 and 2, License Renewal Application (TAC Nos. MD6595 and MD6596)," April 7, 2008.
3. NRC Letter, "Request for Additional Information Regarding Refurbishment Impacts for Beaver Valley Power Station Units 1 and 2 License Renewal (TAC Nos. MD6595 and MD6596)," March 13, 2008.
4. FENOC Letter L-08-125, "Reply to Request for Additional Information Regarding Postulated Refurbishment Impacts for Beaver Valley Power Station, Units 1 and 2, License Renewal (TAC Nos. MD6595 and MD6596)," April 25, 2008.

Attachment:

Supplement to Reply to Request for Additional Information Regarding Postulated Refurbishment Impacts for Beaver Valley Power Station, Units 1 and 2, License Renewal

cc: Mr. K. L. Howard, NRC DLR Project Manager
Mr. E. Sayoc, NRC DLR Project Manager
Mr. S. J. Collins, NRC Region I Administrator

cc: w/o Attachment
Dr. S. S. Lee, NRC DLR Acting Director
Mr. D. L. Werkheiser, NRC Senior Resident Inspector
Ms. N. S. Morgan, NRC DORL Project Manager
Mr. D. J. Allard, PA BRP/DEP Director
Mr. L. E. Ryan, PA BRP/DEP

**ATTACHMENT
L-08-179**

**Supplement to Reply to Request for Additional Information
Regarding Postulated Refurbishment Impacts for
Beaver Valley Power Station, Units 1 and 2, License Renewal
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NRC Request (from Telephone Conference Call on April 30, 2008)

Provide new and significant information on Category 1 Refurbishment impacts for [postulated] replacement activities associated with the Beaver Valley Power Station (BVPS) Unit 2 steam generators, per 10 CFR Part 51, Subpart A, Appendix B, Table B-1, specific to the following Category 1 impacts:

SURFACE WATER QUALITY, HYDROLOGY, AND USE (FOR ALL PLANTS)

- **Impacts of refurbishment on surface water quality**
- **Impacts of refurbishment on surface water use**

AQUATIC ECOLOGY (FOR ALL PLANTS)

- **Impacts of refurbishment on aquatic biota**

GROUND-WATER USE AND QUALITY

- **Impacts of refurbishment on ground-water use and quality**

LAND USE

- **Impacts of refurbishment on Onsite land use**

HUMAN HEALTH

- **Radiation exposures to the public during refurbishment**
- **Occupational radiation exposures during refurbishment**

SOCIOECONOMICS

- **Public services; public safety, social services, and tourism and recreation**
- **Aesthetic impacts (refurbishment)**

RESPONSE to NRC Request

The NRC Category 1 conclusions in the Generic Environmental Impact Statement (GEIS) would not be invalidated by a postulated Unit 2 steam generator replacement.

FENOC performed a review of the NRC analysis of the 61 Category 1 issues presented in the GEIS that apply to BVPS (see the BVPS License Renewal Application, Appendix E, "Applicant's Environmental Report—Operating License Renewal Stage," Section 4.1.1) against the potential impacts arising from a postulated BVPS Unit 2 steam generator replacement. The review, an Environmental Evaluation, consisted of discussions with personnel that were involved with the recent BVPS Unit 1 steam generator replacement project and reviews of Unit 1 steam generator replacement project documents, drawings, and Corrective Action Program documents. The Environmental Evaluation revealed no new information with the potential to be a significant environmental issue that would alter the NRC conclusions or would make the NRC analysis of the 61 Category 1 issues inapplicable to BVPS Unit 2. Therefore, the conclusions in the BVPS Unit 2 Final Environmental Statement—Operating License and the NRC Category 1 conclusions in the GEIS would not be invalidated by a postulated Unit 2 steam generator replacement.