

July 2, 2008

LICENSEE: FirstEnergy Nuclear Operating Company
FACILITY: Beaver Valley Power Station, Units 1 and 2
SUBJECT: SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON MAY 20, 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

The U.S. Nuclear Regulatory Commission (NRC or the staff) and representatives of FirstEnergy Nuclear Operating Company (FENOC) held a telephone conference call on May 20, 2008, to discuss follow-up questions for the Refurbishment Activities Request for Additional Information concerning the Beaver Valley Power Station Units 1 and 2, license renewal application. Enclosure 1 is a list of the conference call participants. Enclosure 2 is a listing of the follow-up questions to the RAI and a summary of the FENOC responses.

If you have any questions concerning the NRC staff's summary of this telephone conference, please contact Mr. Kent Howard at 301-415-2989 or e-mail to Kent.Howard@nrc.gov.

Sincerely

IRA Emmauel Sayoc for

Kent Howard, Sr. Project Manager
Projects Branch 2
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket Nos. 50-334 and 50-412

Enclosures:
As stated

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The U.S. Nuclear Regulatory Commission (NRC or the staff) and representatives of FirstEnergy Nuclear Operating Company (FENOC) held a telephone conference call on May 20, 2008, to discuss follow-up questions for the Refurbishment Activities Request for Additional Information concerning the Beaver Valley Power Station Units 1 and 2, license renewal application. Enclosure 1 is a list of the conference call participants. Enclosure 2 is a listing of the follow-up questions to the RAI and a summary of the FENOC responses.

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**LIST OF PARTICIPANTS FOR THE
TELEPHONE CONFERENCE CALL FOR
BEAVER VALLEY POWER STATION, UNITS 1 AND 2
LICENSE RENEWAL APPLICATION**

May 20, 2008

PARTICIPANTS

AFFILIATIONS

Emmanuel Sayoc
Sarah Lopas
Briana Balsam
Steven Dort
Mike Banko
Tony Dometrovic
Joseph Tweddell

U.S. Nuclear Regulatory Commission (NRC)
NRC
NRC
FirstEnergy Nuclear Operating Company (FENOC)
FENOC
FENOC
FENOC

**LIST OF FOLLOW-UP QUESTIONS FOR THE
TELEPHONE CONFERENCE CALL FOR
BEAVER VALLEY POWER STATION, UNITS 1 AND 2
LICENSE RENEWAL APPLICATION**

May 20, 2008

In this telephone conference call, the U.S. Nuclear Regulatory Commission (the NRC or staff) and representatives from FirstEnergy Nuclear Operating Company (FENOC) discussed follow-up questions for the Request for Additional Information (RAI) ENV 3.0-1 for replacement activities of the Beaver Valley Power Station (BVPS) Unit 2 steam generators (SG). The RAI ENV 3.0-1 response dated April 25, 2008 on barge slip dredging were discussed. The following questions were posed to the applicant. These responses have been formally submitted by FENOC as supplemental responses to original RAI ENV 3.0-1, and have subsequently been docketed under oath and affirmation.

1) How often is "maintenance dredging" of the barge slip performed?

Response – There is no regular maintenance dredging and it only occurs as needed, such as the barge transportation of new steam generators.

2) USACE Permit No. 200100242, which covers maintenance dredging of the barge slip until 2011, states "The issuance of this permit does not relieve you of the responsibility to obtain any other required state, local, or Federal authorizations." In addition to the encroachment permit required by the Pennsylvania Department of Environmental Protection, what other permits, if any, are required for dredging of the barge slip?

Response – USACE Permit No. 200100242 is the only permit required for dredging of the barge slip.

3) Did FENOC have to file an environmental assessment with the PADEP to get their encroachment permit? Why or why not? If yes - could we get a copy of that EA?

Response – In the 2005 application for modification of Permit No. 200100242, FENOC engaged in a consultation with the USACE, the Pennsylvania Department of Environmental Protection (PADEP), and the Pennsylvania Fish and Boat Commission (FBC) regarding the environmental impacts of modifying the permitted dredging area. These consultations included mud sampling, an analysis of endangered species impacted by the dredging activities, and precautionary actions such as the prohibition of dredging during the spawning season for threatened and endangered aquatic species. There was no environmental assessment filed with the PADEP.

4) Did USACE Permit No. 200100242 cover dredging in the New Cumberland Pool associated with the 2006 steam generator replacement project?

Response – Yes, US Army Corps of Engineers (USACE) Permit No. 200100242, issued April 10, 2001, expiring April 10, 2011, was the single permit which covered barge slip dredging during the 2006 Unit 1 SG replacement. This permit was modified to allow FENOC to dredge an additional 50 feet beyond its original permitted dredging area to allow the Unit 1 SG transportation barge to be sunk in the Ohio River adjacent to the BVPS barge slip.

ENCLOSURE 2

4a) If not, was an additional/separate permit required for the steam generator replacement project dredging? Was an environmental assessment required for that permit, or any other permits applicable for the dredging?

N/A

4b) If so, would dredging for the future steam generator replacement project be performed under the existing USACE Permit No. 200100242? Would an extension or renewal of this permit be required to cover the steam generator replacement project?

Response - US Army Corps of Engineers (USACE) Permit No. 200100242, issued April 10, 2001, expiring April 10, 2011, or a modification thereof would be the permit required for similar dredging activities associated with the Unit 2 SG replacement.

5) Was the Fish and Wildlife Service Pennsylvania field office contacted regarding the 2006 steam generator project? (Specifically in regard to the impact of dredging on threatened or endangered freshwater mussels?)

Response – Other agencies were contacted. In the 2005 application for modification of Permit No. 200100242, FENOC engaged in a consultation with the USACE, the Pennsylvania Department of Environmental Protection (PADEP), and the Pennsylvania Fish and Boat Commission (FBC) regarding the environmental impacts of modifying the permitted dredging area. These consultations included mud sampling, an analysis of endangered species impacted by the dredging activities, and precautionary actions such as the prohibition of dredging during the spawning season for threatened and endangered aquatic species. Per the staff's request FENOC has agreed to submit copies of letters, photos, encroachment area drawings and other related correspondence associated with the consultation of these agencies.

6) Where is the location of the temporary construction set down areas, and the Unit 2 permanent SG storage buildings?

Response - The used Unit 2 SG would be permanently stored on-site in a new facility adjacent to the existing used Unit 1 SG storage facility southwest of the BVPS switchyard. Also the planned temporary set down area for Unit 2 SG replacement is the Shippingport Atomic Power Station field, which is the acres of paved parking lots east of the Unit 2 cooling tower.

Letter to FirstEnergy Nuclear Operating Company from K. Howard, dated July 2, 2008

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