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Docket Number 50-346

License Number NPF-3

Serial Number 2763

February 8, 2002

United States Nuclear Regulatory Commission  
Document Control Desk  
Washington, D. C. 20555-0001

Subject: Supplemental Information Regarding License Amendment Application to  
Revise Technical Specification (TS) 3/4.9.4, "Refueling Operations -  
Containment Penetrations," and TS 3/4.9.12, "Refueling Operations - Storage  
Pool Ventilation," Regarding Containment Equipment Hatch Cover  
Requirements (License Amendment Request No. 00-0005; TAC No. MB1979)

Ladies and Gentlemen:

On May 15, 2001, the FirstEnergy Nuclear Operating Company (FENOC) submitted an application for an amendment to the Davis-Besse Nuclear Power Station (DBNPS), Unit Number 1, Operating License Number NPF-3, Appendix A Technical Specifications, regarding Technical Specification (TS) 3/4.9.4, "Refueling Operations - Containment Penetrations," and TS 3/4.9.12, "Refueling Operations - Storage Pool Ventilation." The proposed amendment (DBNPS Letter Serial Number 2690) would revise the containment equipment hatch cover requirements to allow the cover to remain off during reactor core alterations or movement of irradiated fuel within the containment. With the containment equipment hatch open, the containment and the fuel storage pool area are open to each other. The purpose of this letter is to summarize discussions between the NRC and DBNPS staffs on February 1 and 5, 2002.

Under the proposed license amendment, TS Surveillance Requirement (SR) 4.9.12.1 will require, in part, that the emergency ventilation system servicing the storage pool area be demonstrated operable by verifying that the emergency ventilation system servicing the storage pool area maintains the storage pool area at a negative pressure of  $\geq 1/8$  inches Water Gauge relative to the outside atmosphere during system operation. That is, prior to performing reactor core alterations or moving irradiated fuel within containment with the equipment hatch open, the requirement of SR 4.9.12.1 to demonstrate that a negative pressure of  $\geq 1/8$  inches Water Gauge can be drawn will be performed with the

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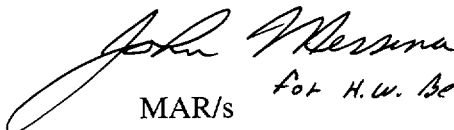
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equipment hatch open. This same SR 4.9.12.1 testing will also be required prior to performing any of the following with the containment equipment hatch open: moving fuel in the spent fuel pool, cask pit, or transfer pit, or performing crane operations over the spent fuel pool, cask pit, or transfer pit containing irradiated fuel.

Failure to perform this test with the equipment hatch open prior to performing any of the following with the equipment hatch open: core alterations or moving irradiated fuel within the containment; moving fuel in the spent fuel pool, cask pit, or transfer pit; or performing crane operations over the spent fuel pool, cask pit, or transfer pit containing irradiated fuel, would constitute noncompliance with the DBNPS Technical Specifications. Accordingly, DBNPS surveillance test procedure DB-SS-03708, "Spent Fuel Pool Ventilation System Refueling Interval Test," will be revised to require performance of this test with the equipment hatch open prior to performing any of the following with the equipment hatch open: core alterations or moving irradiated fuel within the containment; moving fuel in the spent fuel pool, cask pit, or transfer pit; or performing crane operations over the spent fuel pool, cask pit, or transfer pit containing irradiated fuel .

This information does not affect the conclusions stated in the previously submitted license amendment application that there is no adverse impact on nuclear safety and that the proposed amendment involves no significant hazards consideration. Should you have any questions or require additional information, please contact Mr. David H. Lockwood, Manager - Regulatory Affairs, at (419) 321-8450.

Very truly yours,

  
MAR/s *for H.W. Bergendahl*

Enclosures

cc: J. E. Dyer, Regional Administrator, NRC Region III  
S. P. Sands, NRC/NRR Project Manager  
D. J. Shipley, Executive Director, Ohio Emergency Management Agency,  
State of Ohio (NRC Liaison)  
C. S. Thomas, NRC Region III, DB-1 Senior Resident Inspector  
Utility Radiological Safety Board

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Enclosure 1

SUPPLEMENTAL INFORMATION IN SUPPORT OF  
APPLICATION FOR AMENDMENT  
TO  
FACILITY OPERATING LICENSE NPF-3  
DAVIS-BESSE NUCLEAR POWER STATION  
UNIT NUMBER 1

Attached is supplemental information for Davis-Besse Nuclear Power Station (DBNPS), Unit Number 1 Facility Operating License Number NPF-3, License Amendment Request Number 00-0005 (DBNPS Letter Serial Number 2690, dated May 15, 2001).

I, Howard W. Bergendahl, state that (1) I am Vice President - Nuclear of the FirstEnergy Nuclear Operating Company, (2) I am duly authorized to execute and file this certification on behalf of the Toledo Edison Company and The Cleveland Electric Illuminating Company, and (3) the statements set forth herein are true and correct to the best of my knowledge, information and belief.

For: Howard W. Bergendahl, Vice President - Nuclear

By: John Messina  
John Messina, Director - Work Management

Affirmed and subscribed before me this 8th day of February, 2002.

Yvonne M. Hall  
Notary Public, State of Ohio

**YVONNE M. HALL**  
Notary  
State of Ohio  
My Commission Expires  
July 26, 2004

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Enclosure 2

### **COMMITMENT LIST**

THE FOLLOWING LIST IDENTIFIES THOSE ACTIONS COMMITTED TO BY THE DAVIS-BESSE NUCLEAR POWER STATION (DBNPS) IN THIS DOCUMENT. ANY OTHER ACTIONS DISCUSSED IN THE SUBMITTAL REPRESENT INTENDED OR PLANNED ACTIONS BY THE DBNPS. THEY ARE DESCRIBED ONLY FOR INFORMATION AND ARE NOT REGULATORY COMMITMENTS. PLEASE NOTIFY THE MANAGER – REGULATORY AFFAIRS (419-321-8450) AT THE DBNPS OF ANY QUESTIONS REGARDING THIS DOCUMENT OR ANY ASSOCIATED REGULATORY COMMITMENTS.

#### **COMMITMENTS**

DBNPS surveillance test procedure DB-SS-03708, "Spent Fuel Pool Ventilation System Refueling Interval Test," will be revised to require performance of this test with the equipment hatch open.

#### **DUE DATE**

Prior to performing any of the following with the equipment hatch open: core alterations or moving irradiated fuel within the containment; moving fuel in the spent fuel pool, cask pit, or transfer pit; or performing crane operations over the spent fuel pool, cask pit, or transfer pit containing irradiated fuel.