



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

February 27, 2012

LICENSEE: FirstEnergy Nuclear Operating Company

FACILITY: Davis-Besse Nuclear Power Station

SUBJECT: SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON JULY 15, 2011, BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND FIRSTENERGY NUCLEAR OPERATING COMPANY, CONCERNING REQUESTS FOR ADDITIONAL INFORMATION PERTAINING TO THE DAVIS-BESSE NUCLEAR POWER STATION, LICENSE RENEWAL APPLICATION (TAC. NO. ME4640)

The U.S. Nuclear Regulatory Commission (NRC or the staff) and representatives of FirstEnergy Nuclear Operating Company (FENOC or the applicant) held a telephone conference call on July 15, 2011, to discuss and clarify the applicant's responses to the staff's requests for additional information (RAIs) concerning the Davis-Besse, license renewal application.

Enclosure 1 provides a listing of the participants and Enclosure 2 contains a description of the staff concerns discussed with the applicant. A brief description on the status of the items is also included.

The applicant had an opportunity to comment on this summary.

A handwritten signature in black ink, appearing to read "S. Cuadrado de Jesús".

Samuel Cuadrado de Jesús Project Manager  
Projects Branch 1  
Division of License Renewal  
Office of Nuclear Reactor Regulation

Docket No. 50-346

Enclosures:

1. List of Participants
2. List of Requests for Additional Information

cc w/encls: Listserv

SUMMARY OF TELEPHONE CONFERENCE CALL  
DAVIS-BESSE  
LICENSE RENEWAL APPLICATION

LIST OF PARTICIPANTS  
July 15, 2011

PARTICIPANTS

Samuel Cuadrado de Jesús

James Medoff

Yogen Garud

Cliff Custer

Larry Hinkle

John Hartigan

AFFILIATIONS

U.S. Nuclear Regulatory Commission (NRC)

NRC

Argonne National Laboratory

FirstEnergy Nuclear Operating Company (FENOC)

FENOC

FENOC

SUMMARY OF TELEPHONE CONFERENCE CALL  
DAVIS-BESSE  
LICENSE RENEWAL APPLICATION  
July 15, 2011

The U.S. Nuclear Regulatory Commission (NRC or the staff) and representatives of FirstEnergy Nuclear Operating Company (FENOC or the applicant) held a telephone conference call on July 15, 2011, to discuss and clarify the staff's concerns and the applicant's response to requests for additional information (RAIs) related to the Davis-Besse license renewal application (LRA).

**RAI 4.1-1**

**Discussion:**

As related to RAI 4.1-1, the staff requested clarification as to where Class 2 and 3 valves, if reanalyzed to Class 1, would be addressed in the LRA.

The applicant responded by explaining that Davis-Besse does not have Class 2 or Class 3 valves that are reanalyzed to Class 1 requirements. However, Davis-Besse has Class 1 valves that are used in Class 2 piping systems. These Class 1 valves are included with the other Class 1 valves that are addressed in LRA Section 4.3.2.3.2.

The staff understood and stated that no RAI is necessary.

**Response to RAI 4.1-2**

**Discussion:**

As related to RAI 4.1-2, the staff stated that it has reviewed the response and still does not agree with the entire response. In the response to RAI 4.1-2, the applicant provided that the flaw tolerance analysis for the reactor coolant pump (RCP) casings that was used to support ASME Code Case N-481 alternate augmented visual inspection bases for the RCP casings was not a time-limited aging analysis (TLAA). The staff agrees that the J-integral aspect of the analysis is not a TLAA. However, the staff does not agree that the cycle-dependent fatigue flaw growth analysis is not a TLAA. The staff also stated that although the 2000 analyzed cycles excessively bound the 240 design cycles, the analysis indicates it is applicable to a 40-year design life.

The applicant agreed with the staff's position and indicated that the response to RAI 4.1-2 would be revised. The applicant's project manager Cliff Custer proposed a due date of August 10, 2011, to coincide with other RAI responses due on this same date.

**ACTION:** NRC project manager and FENOC license renewal project manager to discuss submittal date.

There was no further discussion, and the call was concluded.

SUBJECT: Summary of Telephone Conference Call conducted on July 15, 2011

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PCooper

BHarris

SCuadrado

EMiller

MMahoney

DMcIntyre, OPA

TRiley, OCA

BHarris, OGC

LICENSEE: FirstEnergy Nuclear Operating Company

FACILITY: Davis-Besse Nuclear Power Station

SUBJECT: SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON JULY 15, 2011, BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND FIRSTENERGY NUCLEAR OPERATING COMPANY, CONCERNING REQUESTS FOR ADDITIONAL INFORMATION PERTAINING TO THE DAVIS-BESSE NUCLEAR POWER STATION, LICENSE RENEWAL APPLICATION (TAC. NO. ME4640)

The U.S. Nuclear Regulatory Commission (NRC or the staff) and representatives of FirstEnergy Nuclear Operating Company (FENOC or the applicant) held a telephone conference call on Month Day, 2011, to discuss and clarify the applicant's responses to the staff's requests for additional information (RAIs) concerning the Davis-Besse, license renewal application.

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The applicant had an opportunity to comment on this summary.

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Samuel Cuadrado de Jesús, Project Manager  
Projects Branch 1  
Division of License Renewal  
Office of Nuclear Reactor Regulation

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