



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

February 14, 2013

LICENSEE: FirstEnergy Nuclear Operating Company

FACILITY: Davis-Besse Nuclear Power Station

SUBJECT: SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON  
OCTOBER 23, 2012, 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 October 23, 2012, to discuss and clarify the applicant's response to the staff's requests for additional information (RAI) 4.2.4-1 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.

Sincerely,

A handwritten signature in black ink, appearing to read "SC de Jesús", is positioned above the typed name.

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

February 14, 2013

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FACILITY: Davis-Besse Nuclear Power Station

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/ra/

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

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OFFICE	LA:DLR	PM:RPB1:DLR	BC:RPB1:DLR
NAME	YEdmonds	SCuadrado de Jesús	DMorey
DATE	02/5/2013	02/14/2013	02/12/2013

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SUMMARY OF TELEPHONE CONFERENCE CALL  
DAVIS-BESSE NUCLEAR POWER STATION  
LICENSE RENEWAL APPLICATION

LIST OF PARTICIPANTS  
October 23, 2012

PARTICIPANTS

Samuel Cuadrado de Jesús  
Chris Sydnor  
Allen Hiser  
Steven Dort  
Larry Hinkle  
Dennis Blakely  
Mark Rinckel

AFFILIATIONS

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

SUMMARY OF TELEPHONE CONFERENCE CALL  
DAVIS-BESSE NUCLEAR POWER STATION  
LICENSE RENEWAL APPLICATION

October 23, 2012

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 October 23, 2012, to discuss and clarify the following response to request for additional information (RAI) concerning the Davis-Besse license renewal application (LRA).

**Response to RAI 4.2.4-1: Pressure-Temperature (P-T) Limits**

**Discussion:** The purpose of the call was to discuss the applicant's response to the staff request for additional information (RAI) 4.2.4-1 submitted by FENOC letter dated August 24, 2012.

The staff stated that it could not find information in the applicant's response that addressed how future P-T limit curves would be developed for the period of extended operation taking into account the neutron embrittlement effects on the extended beltline region and the localized stresses of the inlet and outlet nozzles. The staff also stated that this information needs to be provided in LRA Sections 4.2.4 and A.2.2.4 (USAR Supplement).

The applicant stated that the Davis-Besse P-T limit curves are currently limited to 32 effective full power years, and that additional analysis is required to extend the curves in the future. The applicant also stated that in order to provide clarification and address the staff's concern it will submit a supplemental response to RAI 4.2.4-1 and as part of the supplemental response it will incorporate the clarification into LRA Sections 4.2.4 and A.2.2.4, both titled "Pressure-Temperature Limits." The staff agreed with the applicant determination of providing a supplemental response to RAI 4.2.4-1.

**Action:** The applicant will provide a supplemental response to RAI 4.2.4-1

SUBJECT: Summary of Telephone Conference Call conducted on October 23, 2012

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SCuadrado

EKeegan

EMiller

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TRiley, OCA

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