



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

July 9, 2013

LICENSEE: FirstEnergy Nuclear Operating Company

FACILITY: Davis-Besse Nuclear Power Station

SUBJECT: SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON MAY 9, 2013, 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 May 9, 2013, to discuss and clarify the staff's requests for additional information (RAIs) concerning the Davis-Besse Nuclear Power Station license renewal application.

Enclosure 1 provides a listing of the participants and Enclosure 2 contains a summary of the staff discussion with FENOC. A brief description on the status of the items is also included.

FENOC had an opportunity to comment on this summary.

Sincerely,

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

July 9, 2013

LICENSEE: FirstEnergy Nuclear Operating Company

FACILITY: Davis-Besse Nuclear Power Station

SUBJECT: SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON MAY 9, 2013, 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 May 9, 2013, to discuss and clarify the staff's requests for additional information (RAIs) concerning the Davis-Besse Nuclear Power Station license renewal application.

Enclosure 1 provides a listing of the participants and Enclosure 2 contains a summary of the staff discussion with FENOC. A brief description on the status of the items is also included.

FENOC had an opportunity to comment on this summary.

Sincerely,

/RA/

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

DISTRIBUTION: See next page

ADAMS Accession No.:ML13149A288

OFFICE	LA:DLR/RPB1	PM:RPB1:DLR	BC:RPB1:DLR
NAME	YEdmonds	SCuadrado de Jesús	YDiaz
DATE	6/20/13	7/18/13	7/9/13

OFFICIAL RECORD COPY

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

LIST OF PARTICIPANTS
May 9, 2013

PARTICIPANTS	AFFILIATIONS
Samuel Cuadrado de Jesús	U.S. Nuclear Regulatory Commission (NRC)
Abdul Sheikh	NRC
Bryce Lehman	NRC
Cliff Custer	FirstEnergy Nuclear Operating Company (FENOC)
Steven Dort	FENOC
E. David Baker	FENOC
Thomas Henry	FENOC
Doug Noble	FENOC
Jeff Bobetich	FENOC
Ned Campbell	FENOC

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

May 9, 2013

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 May 9, 2013, to discuss and clarify the following requests for additional information (RAIs) concerning the Davis-Besse license renewal application (LRA).

Response to RAI B.2.22-6 dated August 26, 2011

Discussion: The purpose of the call was to discuss FENOC's response to NRC request for additional information (RAI) B.2.22-6 provided by letter dated August 26, 2011, regarding the location of a proposed core bore in the concrete floor of the containment vessel described in License Renewal Commitment No. 39, and FENOC's intent to relocate that core bore, as follows:

In the response to RAI B.2.22-6, FENOC stated the following:

FENOC plans to locate the core bore below the reactor vessel where the Incore Tunnel opens through the primary shield wall into the area below the reactor vessel. That location is about 18 feet from the containment vessel centerline. The lowest point of the containment vessel is about 30 inches lower than the elevation of the containment bottom head at the core bore location. The Incore Tunnel location was chosen because of the boron deposits that have been found in the Incore Tunnel.

FENOC stated that, during the research and planning process to perform the originally proposed core bore (location 1) in the next plant outage (Spring 2014), several concerns were identified that resulted in a change in the core bore location (location 2). FENOC described the differences between the two core bore locations as follows:

- Location 2 is in the access hallway to the containment normal sump and provides better radiation shielding, which would significantly reduce the dose received by workers. Additional dose savings would be achieved during project execution since access to location 2 is much easier than the high dose rate path to location 1. The potential dose savings supports as low as is reasonably achievable (ALARA) dose reduction principles.
- Location 2 is closer to the centerline of the containment vessel than location 1. Location 2 is along the containment vessel east-west centerline and approximately 8 feet east of the vessel north-south centerline, and would allow examination of the deeper portion of the containment vessel (about 12 inches vertical height above bottom dead center) compared to Location 1 (about 30 inches vertical height above bottom dead center). This new location addresses a concern about examining the containment vessel at the deepest portion where borated water may pond. This concern was raised by the

advisory Committee for Reactor Safeguards (ACRS) License Renewal Subcommittee during the meeting with FENOC held on September 19, 2012.

The staff stated that FENOC should provide its basis to relocate the core bore in a supplemental response to RAI B.2.22-6.

FENOC stated that it would submit a supplemental response to RAI B.2.22-6 to describe and justify the proposed new core bore location, and revise license renewal Commitment No. 39 to include the containment vessel examination height above bottom dead center based on the new location.

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

Action: FENOC will provide a supplemental response to RAI B.2.22-6

SUBJECT: SUMMARY OF TELEPHONE CONFERENCE CALL CONDUCTED ON
MAY 9, 2013.

DISTRIBUTION:

HARD COPY:

DLR RF

E-MAIL:

PUBLIC

RidsNrrDir Resource

RidsNrrDirRpb1 Resource

RidsNrrDirRpb2 Resource

RidsNrrDirRarb Resource

RidsNrrDirRapb Resource

RidsNrrDirRasb Resource

RidsNrrDirRerb Resource

RidsNrrDirRpob Resource

SCuadrado

EKeegan

EMiller

MMahoney

DMcIntyre, OPA

TRiley, OCA

BHarris, OGC