



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

May 20, 2015

Mr. Raymond A. Lieb
Site Vice President
FirstEnergy Nuclear Operating Company
Mail Stop A-DB-3080
5501 North State, Route 2
Oak Harbor, OH 43449-9760

SUBJECT: DAVIS-BESSE NUCLEAR POWER STATION, UNIT NO. 1 - REQUEST FOR
ADDITIONAL INFORMATION RELATED TO EXTENSION OF TYPE C TEST
INTERVAL (TAC NO. MF5433)(L-14-407)

Dear Mr. Lieb:

By application dated December 19, 2014 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML114353A349), FirstEnergy Nuclear Operating Company (FENOC) submitted a license amendment request for the Davis-Besse Nuclear Power Station, Unit No. 1. The proposed amendment revises the technical specifications (TS) to adopt performance-based Type C testing for the reactor containment, which will allow for extended test intervals for Type C valves up to 75 months with a nonroutine extension to 84 months, and corrects an editorial issue in the TS. The U.S. Nuclear Regulatory Commission (NRC) staff is reviewing your submittal and has determined that additional information is required to complete the review. The specific information requested is addressed in the enclosure to this letter. During a discussion with Mr. Phil Lashley of your staff on May 12, 2015, it was agreed that you would provide a response within 40 days from the date this letter is electronically distributed.

The NRC staff considers that timely responses to requests for additional information help ensure sufficient time is available for staff review and contribute toward the NRC's goal of efficient and effective use of staff resources. If circumstances result in the need to revise the requested response date, please contact me at (301) 415-1380.

Sincerely,

A handwritten signature in black ink, appearing to read "B. Purnell", is written over the typed name.

Blake Purnell, Project Manager
Plant Licensing III-2 and
Planning and Analysis Branch
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-346

Enclosure:
Request for Additional Information

cc w/encl: Distribution via Listserv

REQUEST FOR ADDITIONAL INFORMATION

EXTENSION OF TYPE C TESTING

DAVIS-BESSE NUCLEAR POWER STATION

UNIT NO. 1

FIRSTENERGY NUCLEAR OPERATING COMPANY

DOCKET NO. 50-346

1. Provide the combined Type B and C as-found minimum pathway totals going back eight years.
2. In Section 3.1.2 on page 4 of 8 of the December 19, 2014, submittal, FENOC describes the response to Condition 1 of the letter dated May 8, 2012, providing the approval for topical report Nuclear Energy Institute (NEI) 94-01, Revision 3-A. The response indicates that Davis-Besse will meet the condition by performing Type C testing in accordance with NEI 94-01, Revision 3-A.
 - a. Address whether the post-outage report will include the margin between the Type B and Type C minimum pathway leak rate summation value as adjusted to include the estimate of applicable Type C leakage understatement and its Technical Specification performance criterion of $0.6 L_a$ (maximum allowable containment leakage rate).
 - b. Address how FENOC intends to apply the 9-month grace period to eligible Type C components for unanticipated emergent conditions.
 - c. Describe those actions that would be taken should Davis-Besse need to restore margin to an acceptable level.
3. In Section 3.1.2 on page 5 of 8 of the December 19, 2014, submittal, FENOC describes the Davis-Besse response to Condition 2 of the letter dated May 8, 2012, providing the approval for topical report NEI 94-01, Revision 3-A. The response indicates that Davis-Besse will meet the condition by performing Type C testing in accordance with NEI 94-01, Revision 3-A. Describe how any potential leakage understatement of the local leak rate testing totals will be conservatively applied.

May 20, 2015

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Site Vice President
FirstEnergy Nuclear Operating Company
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Sincerely,

/RA/

Blake Purnell, Project Manager
Plant Licensing III-2 and
Planning and Analysis Branch
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-346

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ADAMS Accession No. ML15127A624

*by memo

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