



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

August 28, 2013

Mr. Ray Lieb
Site Vice President
FirstEnergy Nuclear Operating Company
c/o Davis-Besse NPS
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 RELIEF REQUEST RP-3
(TAC NO. MF0757)(L-13-067)

Dear Mr. Lieb:

By letter dated January 18, 2013 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML13018A350), FirstEnergy Nuclear Operating Company (FENOC), (the licensee) submitted a request for relief (RP-3) pursuant to Section 50.55a(a)(3)(i) to Title 10 to the *Code of Federal Regulations* (10 CFR) for the Davis-Besse Nuclear Power Station, Unit No. 1. Specifically, the licensee has requested to perform periodic functional testing and flow rate tests each cycle instead of vibration monitoring on certain inaccessible pumps.

The 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 your staff on August 7, 2013, it was agreed that you would provide a response within 30 days from the date of this letter.

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) 415-2315.

Sincerely,

/ RA /

Eva A. Brown, Senior Project Manager
Plant Licensing Branch III-2
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
ALTERNATIVES TO VIBRATION MONITORING
DAVIS-BESSE NUCLEAR POWER STATION
FIRSTENERGY NUCLEAR OPERATING COMPANY

UNIT NO. 1

DOCKET NO. 50-346

1. Subsection ISTB-5100 of the American Society of Mechanical Engineers Operations and Maintenance of Nuclear Power Plants Code (ASME OM Code), "Centrifugal Pumps (Except Vertical Line Shaft Centrifugal Pumps)," (a), "Duration of Tests," (1), states that:

For the Group A test and the comprehensive test, after pump conditions are stable as the system permits, each pump shall be run at least 2 min. At the end of this time at least one measurement or determination of each of the quantities required by Table ISTB-3000-1 shall be made and recorded.

For the proposed testing for the fuel oil transfer pumps, discuss whether each pump will be run for at least two minutes after the stabilization of pump conditions prior to measuring pump flow rate.

2. Page 3 of Attachment C to the submittal dated February 27, 2013, states that:

The EDG fuel oil transfer pumps are rated at 10 gallons per minute (gpm). A conservative minimum flow value, with respect to design basis, will be used in lieu of ASME OM Code Table ISTB-5121-1.

Provide the conservative minimum flow value, in gpm. State whether the conservative minimum flow value is greater than or equal to 90 percent of the rated flow for the pumps (10 gpm). If the conservative minimum flow value is less than 90 percent of the rated flow for the pumps, provide justification as to why this is acceptable.

3. Page of Attachment C to the submittal also states that:

Periodically, the EDG fuel oil storage tanks are drained, cleaned, and filled with fresh oil. The EDG day tanks are also drained, cleaned and inspected. At these times, a long term pump duration test is possible

Define the term "periodically" in months and/or years. Address whether the fuel oil storage tank and associated day tank cleaned at the same time.

4. Address whether any of the fuel oil transfer pumps had failed starts or corrective maintenance performed on them for the past 10 years. If yes, provide the details.
5. Provide the inservice test results for each fuel oil transfer pump for the past 10 years.

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ADAMS Accession No. ML13227A367

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