



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
WASHINGTON, D.C. 20555-0001  
April 24, 2009

Mr. Barry S. Allen  
Site Vice President  
FirstEnergy Nuclear Operating Company  
Davis-Besse Nuclear Power Station  
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 THE 2008 STEAM GENERATOR  
TUBE INSPECTIONS (TAC NO. MD9347)**

Dear Mr. Allen:

By letters dated April 10, 2008 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML081070433), April 29, 2008 (ADAMS Accession No. ML081290415), and July 25, 2008 (ADAMS Accession No. ML082110266), FirstEnergy Nuclear Operating Company submitted information summarizing the results of the 2008 steam generator (SG) tube inspections at Davis-Besse Nuclear Power Station, Unit No. 1 (DBNPS) during refueling outage (RFO) 15. In addition to this report, the U.S. Nuclear Regulatory Commission (NRC) staff summarized a conference call about the 2008 SG tube inspections at DBNPS in a letter dated March 8, 2008 (ADAMS Accession No. ML080430629).

The NRC staff is reviewing the information provided 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 your staff on April 20, 2009, it was agreed that you would provide a response within 30 days from the date of this letter.

B. Allen

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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) 415-3719.

Sincerely,

A handwritten signature in black ink, appearing to read "C. Goodwin", with a stylized flourish at the end.

Cameron S. Goodwin, 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

DAVIS-BESSE NUCLEAR POWER STATION, UNIT NO. 1

DOCKET NO. 50-346

In reviewing the FirstEnergy Nuclear Operating Company's (FENOC's) submittal dated April 10, 2008 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML081070433), April 29, 2008 (ADAMS Accession No. ML081290415), and July 25, 2008 (ADAMS Accession No. ML082110266), related to the 2008 steam generator tube inspections, for the Davis-Besse Nuclear Power Station, Unit No. 1, the Nuclear Regulatory Commission staff has determined that the following information is needed in order to complete its review:

1. In FENOC's April 29, 2008 letter, it was indicated that two tubes (117-108 and 134-2) were plugged due to an increase in the circumferential extent of the indication even though the indications were outside the pressure boundary. However, on page 13 of 44 of your July 25, 2008, letter, these indications do not appear to have increased in circumferential extent. In fact, others appeared to have grown more. Please clarify.
2. Please discuss the results of your auxiliary feedwater header to tube gap analysis.
3. One new gross mean distortion was reported during the 2008 outage. Please discuss whether this condition was present in prior outages. If it was not present, please discuss the nature of this indication (since the staff was under the impression that these indications were caused by the sleeving process).

Enclosure

B. Allen

- 2 -

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Sincerely,

*/RA/*

Cameron S. Goodwin, Project Manager  
Plant Licensing Branch III-2  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-346

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Request for Additional Information

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