



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

February 17, 2011

Barry S. Allen
Vice President, Davis-Besse Nuclear
Power Station
FirstEnergy Nuclear Operating Company
5501 North State Route 2
Oak Harbor, OH 43449

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION FOR THE REVIEW OF THE DAVIS-
BESSE NUCLEAR POWER STATION—FIRE PROTECTION (TAC NO. ME4640)

Dear Mr. Allen:

By letter dated August 27, 2010, FirstEnergy Nuclear Operating Company, submitted an application pursuant to Title 10 of the *Code of Federal Regulation* Part 54 for renewal of Operating License NPF-3 for the Davis-Besse Nuclear Power Station. The staff of the U.S. Nuclear Regulatory Commission (NRC or the staff) is reviewing this application in accordance with the guidance in NUREG-1800, "Standard Review Plan for Review of License Renewal Applications for Nuclear Power Plants." During its review, the staff has identified areas where additional information is needed to complete the review. The staff's requests for additional information are included in the Enclosure. Further requests for additional information may be issued in the future.

Items in the enclosure were discussed with Cliff Custer, of your staff, and a mutually agreeable date for the response is within 30 days from the date of this letter. If you have any questions, please contact me by telephone at 301-415-2277 or by e-mail at brian.harris2@nrc.gov.

Sincerely,

A handwritten signature in cursive script that reads "Paula Cooper".

PAULA COOPER FOR BRIAN HARRIS

Brian K. Harris, Project Manager
Projects Branch 1
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket No. 50-346

Enclosure:
As stated

cc w/encl: Distribution via Listserv

Davis-Besse Nuclear Power Station
Request for Additional
Information

RAI 2.3.3.14-1

License renewal application (LRA) drawing LR-M016A shows that several yard fire hydrants and post indicator valves are out of scope (i.e., not colored in green). The staff believes that yard fire hydrants and post indicator valves have the fire protection intended functions required to be compliant with 10 CFR 50.48 as stated in 10 CFR 54.4. The fire hydrants and post indicator valves also serve as the pressure boundary for the fire protection water supply system.

The staff requests that the applicant verify whether the yard hydrants and post indicator valves are in the scope of license renewal in accordance with 10 CFR 54.4(a) and whether they are subject to an aging management review (AMR) in accordance with 10 CFR 54.21(a)(1). If they are excluded from the scope of license renewal and are not subject to an AMR, the staff requests that the applicant provide justification for the exclusion.

RAI 2.3.3.14-2

LRA drawing LR-M016B shows that the automatic sprinkler system for the No. 1 Diesel Generator Room is in the scope of license renewal and subject to an AMR. However, the automatic sprinkler system for the No. 2 Diesel Generator Room does not appear in the LRA drawings as being in the scope of license renewal and subject to an AMR.

The staff requests that the applicant verify whether the automatic sprinkler system for the No. 2 Diesel Generator Room is in the scope of license renewal in accordance with 10 CFR 54.4(a) and subject to an AMR in accordance with 10 CFR 54.21(a)(1). If the sprinkler system is excluded from the scope of license renewal and not subject to an AMR, the staff requests that the applicant provide justification for the exclusion.

RAI 2.3.3.14-3

Tables 2.3.3-14 and 3.3.2-14 of the LRA do not include the following fire protection components:

- fire hose stations, fire hose connections, and hose racks
- sprinkler heads
- floor drains for fire water
- dikes and curbs for oil spill confinement
- components in reactor coolant pump oil collection system

The staff requests that the applicant verify whether the fire protection components listed above are in the scope of license renewal in accordance with 10 CFR 54.4(a) and whether they are subject to an AMR in accordance with 10 CFR 54.21(a)(1). If they are excluded from the scope of license renewal and are not subject to an AMR, the staff requests that the applicant provide justification for the exclusion.

ENCLOSURE

February 17, 2011

Barry S. Allen
Vice President, Davis-Besse Nuclear
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Sincerely,

/RA/ Paula Cooper for

Brian K. Harris, Project Manager
Projects Branch 1
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket No. 50-346

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As stated

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DATE	02/14/11	02/15/11	02/15/11	02/17/11

OFFICIAL RECORD COPY

Letter to B. Allen from B. Harris dated February 17, 2011

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION FOR THE REVIEW OF THE
DAVIS-BESSE NUCLEAR POWER STATION – FIRE PROTECTION (TAC NO.
ME4640)

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