



FirstEnergy Nuclear Operating Company

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August 27, 2010
L-10-221

10 CFR 54

ATTN: Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, DC 20555-0001

SUBJECT:
Davis-Besse Nuclear Power Station, Unit No.1
Docket No. 50-346, License Number NPF-3
License Renewal Application and
Ohio Coastal Management Program Consistency Certification

Pursuant to the *Code of Federal Regulations*, Title 10, Parts 50, 51 and 54, FirstEnergy Nuclear Operating Company (FENOC) hereby applies for renewal of Facility Operating License Number NPF-3 for the Davis-Besse Nuclear Power Station, Unit No. 1 (Davis-Besse). The current Facility Operating License for Davis-Besse expires at midnight, April 22, 2017. By this License Renewal Application (LRA), FENOC requests that the Davis-Besse Facility Operating License be extended for 20 years beyond its current expiration date to midnight, April 22, 2037. The LRA also applies to renewal of the source, special nuclear, and by-product materials licenses that are subsumed in the Facility Operating License.

The LRA is provided in Enclosure A. It consists of the signed original Davis-Besse LRA in accordance with 10 CFR Part 2, Subpart A, 10 CFR 50.4, and 10 CFR 50.30. FENOC submits the Davis-Besse LRA in accordance with the applicable Nuclear Regulatory Commission (NRC) operating license renewal requirements set forth in 10 CFR Parts 51 and 54. Submittal of the LRA meets the timeliness requirements of 10 CFR 54.17(c) and 10 CFR 2.109(b). The LRA includes an environmental report, entitled "Applicant's Environmental Report – Operating License Renewal Stage," prepared in accordance with 10 CFR 54.23 and Subpart A of 10 CFR Part 51.

Enclosure B provides the signed original of the Ohio Coastal Management Program Consistency Certification Statement. Please refer to Davis-Besse LRA, Appendix E, "Applicant's Environmental Report – Operating License Renewal Stage," Attachment D, "Coastal Zone Management Consistency," Table D-2, "Environmental Authorizations for Davis-Besse Operation," for additional information related to the Ohio Coastal Management Program Consistency Certification.

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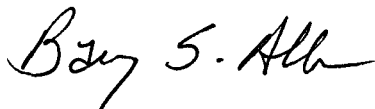
FENOC has determined that the LRA provides the appropriate administrative, technical, and environmental information sufficient to support the findings required by 10 CFR 54.29. As required by 10 CFR Part 54, actions have been identified to manage the effects of aging on the structures and components subject to aging management review, such that their intended functions will be maintained consistent with the current licensing basis during the renewed term of operation for Davis-Besse. As required by 10 CFR 54.21(b), current licensing basis changes that have a material effect on the content of this LRA will be identified in an amendment to the LRA at least annually while the LRA is under NRC review and at least three months before scheduled completion of the NRC review.

FENOC commits to include the license renewal future commitments in appropriate internal action tracking programs at Davis-Besse, and this commitment is listed in the attached Regulatory Commitment List. The license renewal future commitments for Davis-Besse are contained in the enclosed LRA, Appendix A, Table A-1.

If there are questions or if additional information is required, please contact Mr. Clifford Custer, Fleet License Renewal Project Manager, at 724-682-7139 or Mr. Gregory H. Halnon, Fleet Director, Regulatory Affairs, at 330-384-5638.

I declare under penalty of perjury that the foregoing is true and correct. Executed on August 27, 2010.

Sincerely,



Barry S. Allen

Attachment:
Regulatory Commitment List

Enclosures:

- A License Renewal Application – Original
- B Ohio Coastal Management Program Consistency Certification Statement

Davis-Besse Nuclear Power Station, Unit No. 1

L-10-221

Page 3

cc: B. K. Harris, NRC DLR Project Manager
P. E. Cooper, NRC DLR Project Manager
M. A. Satorius, NRC Regional Administrator, Region III
NRC Resident Inspector
J. Watkins, Ohio Department of Natural Resources Chief

cc: w/o Attachment or Enclosure
NRC DLR Director
NRR Project Manager
Utility Radiological Safety Board

Attachment
L-10-221

Regulatory Commitment List
Page 1 of 1

The following list identifies those actions committed to by FirstEnergy Nuclear Operating Company (FENOC) for the Davis-Besse Nuclear Power Station, Unit No. 1 (Davis-Besse) in this document. Any other actions discussed in the submittal represent intended or planned actions by FENOC. They are described only as information and are not Regulatory Commitments. Please notify Mr. Clifford I. Custer, Project Manager – Fleet License Renewal, at (724) 682-7139 of any questions regarding this document or associated Regulatory Commitments.

Regulatory Commitment	Due Date
1. FENOC commits to include the license renewal future commitments in appropriate internal action tracking programs at Davis-Besse.	March 29, 2013