

Davis-BesseNPEM Resource

From: kmnesser@firstenergycorp.com
Sent: Wednesday, March 23, 2011 3:54 PM
To: Harris, Brian; Cooper, Paula
Cc: custercc@firstenergycorp.com; dorts@firstenergycorp.com
Subject: FENOC Correspondence sent today
Attachments: L-11-079 Final.pdf; L-11-089 Final.pdf

Hi Paula / Brian,

Attached are informational copies of FENOC RAI responses that were sent out today. The originals were sent via overnight mail to the Document Control Desk.

Please call me if you have any questions.

Thank you,

Kathy Nesser
Fleet Licensing, Davis-Besse
Work: 419-321-8214, MS DB-3065
Fax: 419-321-7677

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Mail Envelope Properties

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Subject: FENOC Correspondence sent today
Sent Date: 3/23/2011 3:54:08 PM
Received Date: 3/23/2011 3:54:33 PM
From: kmnesser@firstenergycorp.com

Created By: kmnesser@firstenergycorp.com

Recipients:

"custerc@firstenergycorp.com" <custerc@firstenergycorp.com>

Tracking Status: None

"dorts@firstenergycorp.com" <dorts@firstenergycorp.com>

Tracking Status: None

"Harris, Brian" <Brian.Harris2@nrc.gov>

Tracking Status: None

"Cooper, Paula" <Paula.Cooper@nrc.gov>

Tracking Status: None

Post Office: FirstEnergyCorp.com

Files	Size	Date & Time
MESSAGE	928	3/23/2011 3:54:33 PM
L-11-079 Final.pdf	2048380	
L-11-089 Final.pdf	1271220	

Options

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Reply Requested: No

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Expiration Date:

Recipients Received:

March 23, 2011
L-11-079

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
Reply to Request for Additional Information for the Review of the Davis-Besse Nuclear
Power Station, Unit No. 1, License Renewal Application (TAC No. ME4640)

By letter dated August 27, 2010, (Agencywide Documents Access and Management System (ADAMS) Accession No. ML102450565), FirstEnergy Nuclear Operating Company (FENOC) submitted an application pursuant to Title 10 of the *Code of Federal Regulations*, Part 54 for renewal of Operating License NPF-3 for the Davis-Besse Nuclear Power Station (DBNPS), Unit Number 1. By letter dated February 23, 2011 (ADAMS Accession No. ML110130494), the Nuclear Regulatory Commission (NRC) requested additional information to complete its review of the License Renewal Application (LRA).

Attachment 1 provides the FENOC reply to the NRC request for additional information. The NRC request is shown in bold text followed by the FENOC response. Attachment 2 provides a commitment to reply to the NRC request for additional information following receipt of the results of a review by the U.S. Fish and Wildlife Service (USFWS) for threatened and endangered species. The Enclosure provides a copy of FENOC letter L-11-104 sent to the USFWS on March 21, 2011.

If there are any questions or if additional information is required, please contact Mr. Clifford I. Custer, Fleet License Renewal Project Manager, at 724-682-7139.

I declare under penalty of perjury that the foregoing is true and correct. Executed on March 23, 2011.

Sincerely,



Barry S. Allen

Attachments:

1. Reply to Request for Additional Information for the Review of the Davis-Besse Nuclear Power Station, Unit No. 1, License Renewal Application, Appendix E, Environmental Report, Attachment C
2. Regulatory Commitment List

Enclosure:

FirstEnergy Nuclear Operating Company Letter L-11-104 to the U.S. Fish and Wildlife Service Dated March 21, 2011

cc: NRC DLR Project Manager
NRC Region III Administrator

cc: w/o Attachments or Enclosure
NRC DLR Director
NRR DORL Project Manager
NRC Resident Inspector
Utility Radiological Safety Board

Attachment 1
L-11-079

Reply to Request for Additional Information for the Review of the
Davis-Besse Nuclear Power Station, Unit No. 1, License Renewal Application,
Appendix E, Environmental Report, Attachment C
Page 1 of 2

Request for Additional Information #1

Terrestrial

On November 12, 2009, First Energy Nuclear Operating Company (FENOC) contacted the U.S. Fish and Wildlife Service (USFWS) to request information regarding potential impacts the License Renewal Application (LRA) may have on Federally-listed species protected under the Endangered Species Act, including impacts from continued operation of Davis-Besse and the in-scope transmission lines and corridors. FENOC provided the USFWS with an area map showing the location of Davis-Besse and the three associated transmission line corridors out to a radius of approximately 6 miles from the plant. However, the Baysshore and Lemoyne transmission lines each extend 21 miles beyond the plant, and the Beaver transmission line extends 59 miles from the Davis-Besse plant. Please verify that USFWS has been provided maps inclusive of the entire project scope (including in-scope transmission lines) and that their findings and recommendations are still valid.

RESPONSE Request for Additional Information #1

By letter dated March 21, 2011, FirstEnergy Nuclear Operating Company (FENOC) provided the U.S. Fish and Wildlife Service (USFWS) additional maps showing the entire Davis-Besse Nuclear Power Station, Unit No. 1 (DBNPS), license renewal project scope, including in-scope transmission lines. FENOC requested that the USFWS perform a review of the additional transmission line scope for threatened and endangered species to confirm whether their findings and recommendations from their December 16, 2009, letter to FENOC are still valid. See the Enclosure to this letter for a copy of the FENOC letter to the USFWS.

FENOC will provide the U.S. Nuclear Regulatory Commission with the results of the USFWS review for threatened and endangered species along the DBNPS transmission line corridors as requested by FENOC letter L-11-104 dated March 21, 2011, on or before 30 days following receipt of the USFWS response. See Attachment 2 to this letter for the FENOC regulatory commitment.

Based on the information in the NRC request for additional information (RAI), the transmission line corridor lengths within the scope of license renewal require clarification. As described in the NRC RAI, the Bay Shore and Lemoyne transmission lines each extend 21 miles from the plant, and the Beaver transmission line extends 59 miles from the Davis-Besse plant. The portion of the Beaver transmission line within the

scope of license renewal, however, is that portion of the line constructed by the original owner, Toledo Edison, as part of the DBNPS construction project and evaluated by the NRC in the Final Environmental Statement – Construction, March 1973, Section 3.7 and Figure 3.10, “Davis-Besse Nuclear Power Station Transmission Lines.” The Beaver transmission line constructed by Toledo Edison for the DBNPS project extends 15 miles south and southeast from the Davis-Besse plant as described in the DBNPS License Renewal Application, Appendix E, Environmental Report, Section 3.1.4. The remaining 44 miles of the Beaver transmission line was built by a separate utility company, Ohio Edison, as a separate project, and were not evaluated in the Final Environmental Statement as part of the DBNPS project.

Attachment 2
L-11-079

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 will provide the U.S. Nuclear Regulatory Commission with the results of the U.S. Fish and Wildlife Service review for threatened and endangered species along the Davis-Besse Nuclear Power Station transmission line corridors as requested by FENOC letter L-11-104 dated March 21, 2011.	On or before 30 days following receipt of the U.S. Fish and Wildlife Service response to FENOC letter L-11-104 dated March 21, 2011.

Enclosure

Davis-Besse Nuclear Power Station (DBNPS), Unit No. 1

Letter L-11-079

**FirstEnergy Nuclear Operating Company Letter L-11-104 to the
U.S. Fish and Wildlife Service Dated March 21, 2011**

5 Pages

Barry S. Allen
Vice President - Nuclear

419-321-7676
Fax: 419-321-7582

March 21, 2011
L-11-104

Ms. Mary Knapp
Field Supervisor
U.S. Fish and Wildlife Service
Ohio Ecological Services Field Office
4625 Morse Rd., Suite 104
Columbus, OH 43230

SUBJECT:
Request for Information on Threatened or Endangered Species

By letter L-09-295, dated November 12, 2009, FirstEnergy Nuclear Operating Company (FENOC) informed the U.S. Fish and Wildlife Service (USFWS) that an application was being prepared to renew the operating license for Davis-Besse Nuclear Power Station for an additional 20 years beyond the original license expiration date in 2017. The License Renewal Application for the Davis-Besse Nuclear Power Station was submitted to the U.S. Nuclear Regulatory Commission (NRC) on August 27, 2010.

In the November 12, 2009, letter, FENOC requested information from your office regarding concerns you may have, if any, related to potential environmental impacts from continued operation of Davis-Besse, including the associated transmission lines and corridors. In that letter, FENOC provided the USFWS with an area map showing the location of Davis-Besse and the three associated transmission line corridors out to a radius of approximately 6 miles from the plant. Your office provided a response dated December 16, 2009, and the USFWS comments were included in the Davis-Besse License Renewal Application.

The transmission line corridors, however, extend further than the 6 miles shown on the map provided to the USFWS in the November 12, 2009, letter. As shown on Attachments 1 and 2 to this letter, the Bay Shore and Lemoyne transmission lines each extend 21 miles from the plant, and the Beaver transmission line extends 15 miles from the Davis-Besse plant.

Please review this new information to verify whether your findings in your response dated December 16, 2009, are still valid. FENOC would appreciate receiving a letter in reply detailing any new concerns you may have or providing confirmation that your previous comments are still valid. Receipt of your reply at your earliest convenience will

provide the NRC the time needed to evaluate and incorporate the information into their review of the Davis-Besse License Renewal Application.

Thank you for your prompt attention to our request.

Please feel free to contact Mr. Clifford Custer, Davis-Besse License Renewal Project Manager, at 724-682-7139. Please address any questions or need for additional information about the environmental review to:

Mr. Clifford I. Custer
Davis-Besse License Renewal Project Manager
Mail Stop 3370
Davis-Besse Nuclear Power Station
5501 N. State Route 2
Oak Harbor, OH 43449

Telephone: 724-682-7139

Email: custercl@firstenergycorp.com

Sincerely,



Barry S. Allen

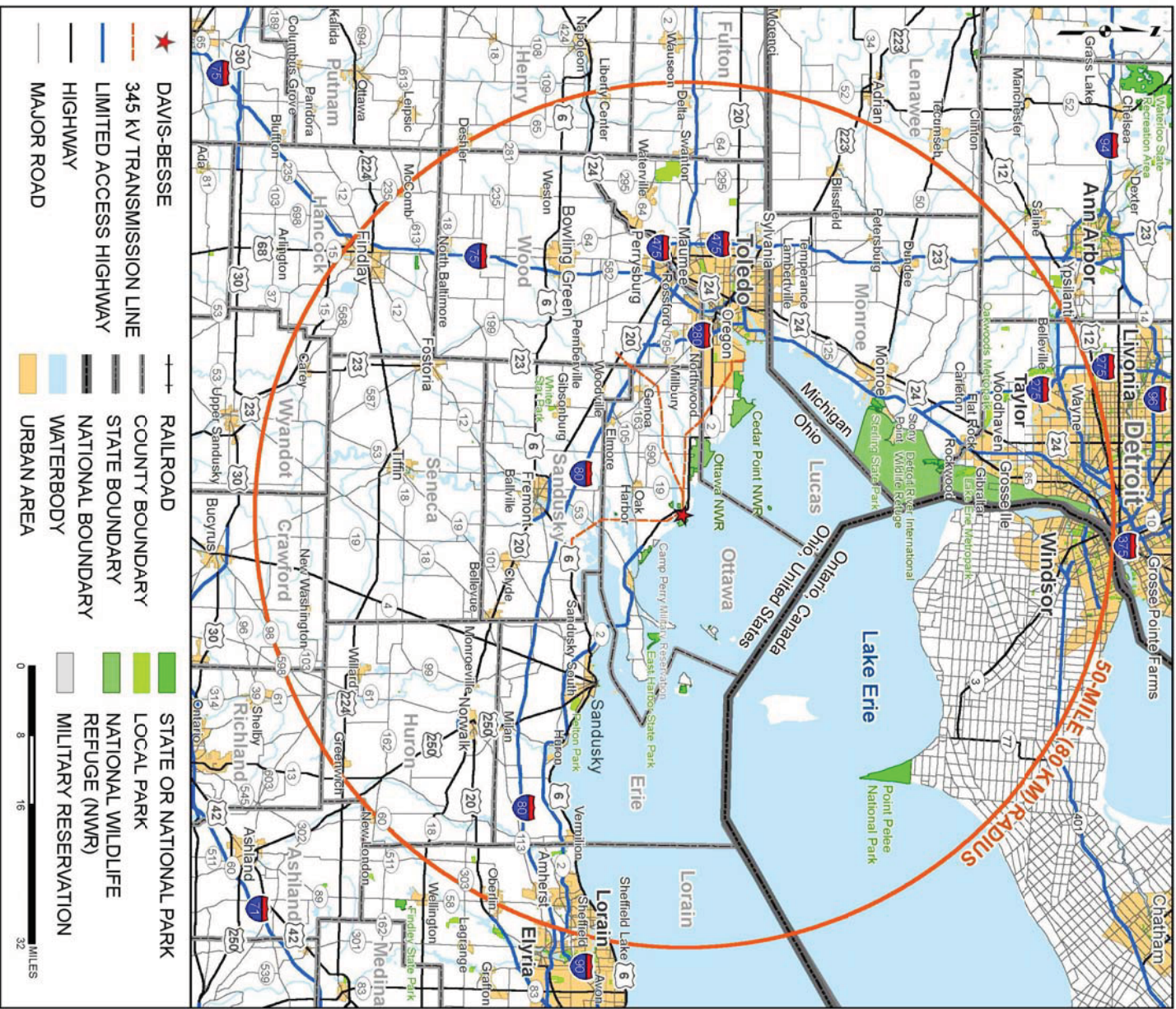
Attachments:

1. Davis-Besse Nuclear Power Station Area Map, 50-Mile Radius
2. Davis-Besse Nuclear Power Station Transmission Line Map

cc: NRC DLR Project Manager
NRC Senior Resident Inspector

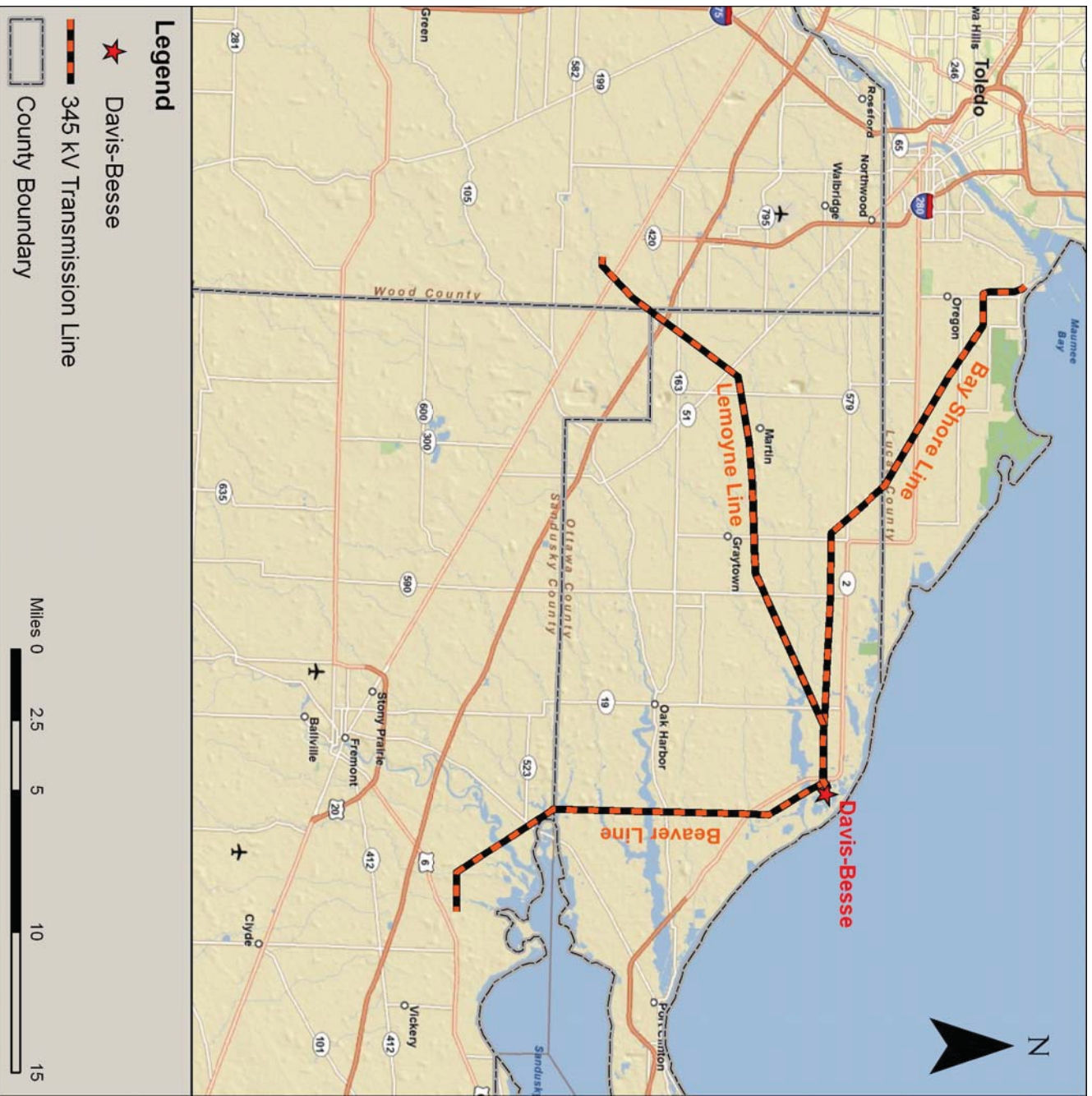
Attachment 1
L-11-104

Davis-Besse Nuclear Power Station
Area Map, 50-Mile Radius
Page 1 of 1



Attachment 2
L-11-104

Davis-Besse Nuclear Power Station
Transmission Line Map
Page 1 of 1



Barry S. Allen
Vice President - Nuclear

419-321-7676
Fax: 419-321-7582

March 23, 2011
L-11-089

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
Reply to Request for Additional Information for the Review of the Davis-Besse Nuclear
Power Station, Unit No. 1, License Renewal Application (TAC No. ME4640), Section 2.4

By letter dated August 27, 2010, (Agencywide Documents Access and Management System (ADAMS) Accession No. ML102450565), FirstEnergy Nuclear Operating Company (FENOC) submitted an application pursuant to Title 10 of the *Code of Federal Regulations*, Part 54 for renewal of Operating License NPF-3 for the Davis-Besse Nuclear Power Station (DBNPS), Unit Number 1. By letter dated February 28, 2011 (ADAMS Accession No. ML110420597), the Nuclear Regulatory Commission (NRC) requested additional information to complete its review of the License Renewal Application (LRA).

The Attachment provides the FENOC reply to the NRC request for additional information. The NRC request is shown in bold text followed by the FENOC response.

There are no regulatory commitments contained in this letter. If there are any questions or if additional information is required, please contact Mr. Clifford I. Custer, Fleet License Renewal Project Manager, at 724-682-7139.

I declare under penalty of perjury that the foregoing is true and correct. Executed on March 23, 2011.

Sincerely,



Barry S. Allen

Attachment:

Reply to Request for Additional Information for the Review of the Davis-Besse Nuclear Power Station, Unit No. 1, License Renewal Application, Sections 2.4.2, 2.4.3, 2.4.5, 2.4.9, and 2.4.11

cc: NRC DLR Project Manager
NRC Region III Administrator

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

Attachment
L-11-089

Reply to Request for Additional Information for the Review of the
Davis-Besse Nuclear Power Station, Unit No. 1, License Renewal Application,
Sections 2.4.2, 2.4.3, 2.4.5, 2.4.9, and 2.4.11
Page 1 of 4

Section 2.4.2

RAI 2.4.2-1

Based on the staff's review of Section 2.4.2, "Auxiliary Building," and Table 2.4-2 of the license renewal application (LRA), it is not clear if the following components have been included within the scope of license renewal and subject to an aging management review (AMR):

- a) Cable trays, electrical panels, electrical cabinets
- b) Instrument panels and racks
- c) Fire barrier coatings and wraps

If the components are not included due to oversight, please discuss whether these components are within the scope of license renewal and subject to an AMR. If they are excluded from the scope of license renewal, please provide the basis for their exclusion.

RESPONSE RAI 2.4.2-1

Cable trays, electrical panels, electrical cabinets, instrument panels and racks, and fire barrier coatings (i.e., fireproofing) and wraps for the Auxiliary Building are evaluated as bulk commodities in LRA Section 2.4.13. As provided in LRA Section 2.4.13, these bulk commodities are within the scope of license renewal and subject to an aging management review.

Section 2.4.3

RAI 2.4.3-1

Based on the staff's review of Section 2.4.3, "Intake Structure, Forebay, and Service Water Discharge Structure," and Table 2.4-3 of the LRA, it is not clear if the following components have been included within the scope of license renewal and subject to an AMR:

- a) Water stops
- b) Fire barrier coatings and wraps

c) Instrument panels and racks

If the components are not included due to oversight, please discuss whether these components are within the scope of license renewal and subject to an AMR. If they are excluded from the scope of license renewal, please provide the basis for their exclusion.

RESPONSE RAI 2.4.3-1

Water stops, fire wraps, and instrument panels and racks for the Intake Structure, Forebay, and Service Water Discharge Structure are evaluated as bulk commodities in LRA Section 2.4.13. As provided in LRA Section 2.4.13, these bulk commodities are within the scope of license renewal and subject to an aging management review.

There are no fire barrier coatings (i.e., fireproofing) within the scope of license renewal that are associated with the Intake Structure, Forebay, or Service Water Discharge Structure.

Section 2.4.5

RAI 2.4.5-1

Based on the staff's review of Section 2.4.5, "Miscellaneous Diesel Generator Building," and Table 2.4-5 of the LRA, it is not clear if the following components have been included within the scope of license renewal and subject to an AMR:

- a) Compressible joints and seals**
- b) Fire barrier coatings and wraps**

If the components are not included due to oversight, please discuss whether these components are within the scope of license renewal and subject to an AMR. If they are excluded from the scope of license renewal, please provide the basis for their exclusion.

RESPONSE RAI 2.4.5-1

Compressible joints and seals for the Miscellaneous Diesel Generator Building are evaluated as bulk commodities in LRA Section 2.4.13. As provided in LRA Section 2.4.13, these bulk commodities are within the scope of license renewal and subject to an aging management review.

There are no fire barrier coatings (i.e., fireproofing) and wraps within the scope of license renewal that are associated with the Miscellaneous Diesel Generator Building.

Section 2.4.9

RAI 2.4.9-1

Based on the staff's review of Section 2.4.9, "Station Blackout Diesel Generator Building," serves as the alternate AC source for station blackout, and Table 2.4-9 of the LRA, it is not clear if the following components have been included within the scope of license renewal and subject to an AMR:

- a) Compressible joints and seals
- b) Fire barrier coatings and wraps

If the components are not included due to oversight, please discuss whether these components are within the scope of license renewal and subject to an AMR. If they are excluded from the scope of license renewal, please provide the basis for their exclusion.

RESPONSE RAI 2.4.9-1

Compressible joints and seals for the Station Blackout Diesel Generator Building are evaluated as bulk commodities in LRA Section 2.4.13. As provided in LRA Section 2.4.13, these bulk commodities are within the scope of license renewal and subject to an aging management review.

There are no fire barrier coatings (i.e., fireproofing) and wraps within the scope of license renewal that are associated with the Station Blackout Diesel Generator Building. The Station Blackout Diesel Generator was installed to meet the Station Blackout Rule. Since the Station Blackout Diesel Generator was installed after completion of the Appendix R analysis, no credit for the diesel generator was taken in the Fire Hazard Analysis Report. Therefore, there are no fire barrier coatings (i.e., fireproofing) or wraps associated with the Station Blackout Diesel Generator Building that perform an intended function for the fire protection regulated event.

Section 2.4.11

RAI 2.4.11-1

Based on the staff's review of Section 2.4.11, "Water Treatment Building," and Table 2.4-11 of the LRA, it is not clear if the following components have been included within the scope of license renewal and subject to an AMR:

- a) Caulking and sealant
- b) Compressible joints and seals

c) Fire barrier coatings and wraps

If the components are not included due to oversight, please discuss whether these components are within the scope of license renewal and subject to an AMR. If they are excluded from the scope of license renewal, please provide the basis for their exclusion.

RESPONSE RAI 2.4.11-1

Caulking and sealant are evaluated as part of the compressible joints and seals commodities. Compressible joints and seals for the Water Treatment Building are evaluated as bulk commodities in LRA Section 2.4.13. As provided in LRA Section 2.4.13, these bulk commodities are within the scope of license renewal and subject to an aging management review.

There are no fire barrier coatings (i.e., fireproofing) or wraps that are associated with the Water Treatment Building.