



A unit of American Electric Power

Indiana Michigan Power
Cook Nuclear Plant
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August 6, 2015

AEP-NRC-2015-78
10 CFR 50.54(f)

Docket Nos.: 50-315
50-316

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
11555 Rockville Pike,
Rockville, MD 20852

Donald C. Cook Nuclear Plant Units 1 and 2
Update to Expedited Seismic Evaluation Process Report Actions

References:

1. Letter from E. J. Leeds and M. R. Johnson, U. S. Nuclear Regulatory Commission (NRC), to All Power Reactor Licensees and Holders of Construction Permits in Active or Deferred Status, "Request for Information Pursuant to Title 10 of the Code of Federal Regulations 50.54(f) Regarding Recommendations 2.1, 2.3, and 9.3, of the Near-Term Task Force Review of Insights from the Fukushima Dai-ichi Accident," dated March 12, 2012, Agencywide Document Access Management Systems (ADAMS) Accession Number ML12053A340.
2. Letter from T. R. Pietrangelo, Nuclear Energy Institute, to D. L. Skeen, NRC, "Proposed Path Forward for NTTF Recommendation 2.1: Seismic Reevaluations," dated April 9, 2013, ADAMS Accession No. ML13101A379.
3. Letter from Q. S. Lies, Indiana Michigan Power Company (I&M), to the NRC, "Donald C. Cook Nuclear Plant Units 1 and 2, Expedited Seismic Evaluation Process Report - Response to U. S. Nuclear Regulatory Commission Request for Information Pursuant to 10 CFR 50.54(f) Regarding Recommendation 2.1 of the Near-Term Task Force Review of Insights from the Fukushima Dai-ichi Accident," AEP-NRC-2014-94, dated December 18, 2014, ADAMS Accession No. ML14357A053.
4. Letter from J. P. Gebbie, I&M, to the NRC, "Donald C. Cook Nuclear Plant Unit 1 and Unit 2, Response to NRC Request for Information Pursuant to 10 CFR 50.54(f) Regarding the Seismic Aspects of Recommendation 2.1 of the Near-Term Task Force Review of Insights from the Fukushima Dai-ichi Accident," AEP-NRC-2013-41, dated April 25, 2013, ADAMS Accession No. ML13121A059.

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On March 12, 2012, the U. S. Nuclear Regulatory Commission (NRC) issued Reference 1 to all power reactor licensees and holders of construction permits in active or deferred status. Reference 1, Enclosure 1, "Recommendation 2.1: Seismic," requested licensees to submit a Seismic Hazard Evaluation. Reference 2 provided a proposed path forward for responding to Reference 1. The proposed path forward included a deterministic Expedited Seismic Evaluation. By Reference 3, Enclosure 2, Indiana Michigan Power Company (I&M) provided an Expedited Seismic Evaluation Process (ESEP) report for the Donald C. Cook Nuclear Plant (CNP) Units 1 and 2. Section 8.4 of the ESEP Report identified five actions that would be taken by I&M. These five actions are updated as follows:

Action 1 stated that walkdowns for inaccessible and late addition components listed in Section 7.1 of the report would be completed prior to restart of Unit 2 at the completion of its spring 2015 refueling outage. Action 1 has been completed.

Action 2 stated that screening and evaluation of the inaccessible and late addition components listed in Section 7.1 of the report would be completed within 90 days following restart of Unit 2 at the completion of its spring 2015 refueling outage. Action 2 has been completed.

Action 3 stated that ESEP plant modifications not requiring outages would be completed by December 31, 2016 (two years after submittal of the ESEP report). Action 3 is being tracked as a Regulatory Commitment as stated in Enclosure 2 to Reference 4.

Action 4 stated that ESEP plant modifications requiring outages would be completed within two outages after submittal of the ESEP report (U1C28 fall 2017, U2C23 fall 2016). Action 4 is being tracked as a Regulatory Commitment as stated in Enclosure 2 to Reference 4.

Action 5 stated that the NRC would be informed that the above noted evaluations and modifications are complete within 60 days following completion of all the above noted modifications. This letter provides notification that the above noted evaluations are complete. I&M will inform the NRC of completion of the above noted modifications within 60 days following completion of all the modifications. This action will be tracked as a Regulatory Commitment in the CNP Commitment Management System.

Enclosure 1 to this letter provides an affirmation. Enclosure 2 documents the new Regulatory Commitment identified in this letter in tabular format. Should you have any questions, please contact Mr. Michael K. Scarpello, Regulatory Affairs Manager, at (269) 466-2649.

Sincerely,



Joel P. Gebbie
Site Vice President

JRW/ams

Enclosures:

1. Affirmation
2. Regulatory Commitment

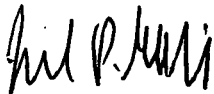
c: A. W. Dietrich, NRC Washington, DC
N. J. Difrancesco, NRC, Washington, DC
J. T. King, MPSC
MDEQ – RMD/RPS
NRC Resident Inspector
C. D. Pederson, NRC Region III
A. J. Williamson, AEP Ft. Wayne, w/o enclosures

Enclosure 1 to AEP-NRC-2015-78

AFFIRMATION

I, Joel P. Gebbie, being duly sworn, state that I am Site Vice President of Indiana Michigan Power Company (I&M), that I am authorized to sign and file this document with the U. S. Nuclear Regulatory Commission on behalf of I&M, and that the statements made and the matters set forth herein pertaining to I&M are true and correct to the best of my knowledge, information, and belief.

Indiana Michigan Power Company



Joel P. Gebbie
Site Vice President

SWORN TO AND SUBSCRIBED BEFORE ME

THIS 6 DAY OF August, 2015


Notary Public

My Commission Expires 04-04-2018

DANIELLE BURGOYNE
Notary Public, State of Michigan
County of Berrien
My Commission Expires 04-04-2018
Acting in the County of Berrien

Enclosure 2 to AEP-NRC-2015-78

REGULATORY COMMITMENT

The following table identifies those actions committed to by Indiana Michigan Power Company (I&M) in this document. Any other actions discussed in this submittal represent intended or planned actions by I&M. They are described to the U. S. Nuclear Regulatory Commission (NRC) for the NRC's information and are not regulatory commitments.

Commitment	Date
I&M will inform the NRC that the Expedited Seismic Evaluation Process plant modifications are complete.	Within 60 days following completion of all modifications