

April 25, 2013

AEP-NRC-2013-41
10 CFR 50.54(f)
10 CFR 50.4

Docket Nos.: 50-315
50-316

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-001

Subject: 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

References:

1. Nuclear Regulatory Commission Letter, "Donald C. Cook Nuclear Plant Unit 1 and Unit 2 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.
2. Federal Register, Vol. 78, No. 38, Tuesday, February 26, 2013, pp. 13097-13099.
3. Letter from A. R. Pietrangelo, Nuclear Energy Institute, to U. S. Nuclear Regulatory Commission Director, Japan Lessons Learned Project Directorate, "Proposed Path Forward for NTTF Recommendation 2.1: Seismic Reevaluations", dated April 9, 2013.
4. Letter from J. P. Gebbie, Indiana Michigan Power Company to U. S. Nuclear Regulatory Commission Document Control Desk, "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," dated June 8, 2012.

On March 12, 2012, the Nuclear Regulatory Commission (NRC) issued Reference 1 to all power reactor licensees and holders of construction permits in active or deferred status. Enclosure 1 of Reference 1 contains specific Requested Actions, Requested Information,

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and Required Responses associated with Recommendation 2.1, Seismic Evaluations. Reference 1 requires a 60-day response following NRC's issuance of guidance, in which each addressee must submit (1) its intent to follow the developed guidance, or (2) an alternative approach including acceptance criteria. In accordance with Reference 2, the 60-day responses are due to the NRC by April 29, 2013.

This letter provides the 60-day response to Enclosure 1 of Reference 1 and as committed to in Reference 4.

Indiana Michigan Power Company, the licensee for Donald C. Cook Nuclear Plant Units 1 and 2, intends to respond to Enclosure 1 of Reference 1 by following the approach described in Reference 3 on the schedule provided in Reference 3.

Enclosure 1 provides an affirmation. New Regulatory Commitments are summarized in Enclosure 2.

If there are any questions regarding this submittal, please contact Mr. Michael K. Scarpello, Manager, Nuclear Regulatory Affairs, at (269) 466-2649.

Sincerely,



Joel P. Gebbie
Site Vice President

DMB/ssl

Enclosures: 1. Affirmation
2. Regulatory Commitments

c: C. A. Casto, NRC Region III
J. T. King, MPSC
S. M. Krawec, AEP Ft. Wayne, w/o enclosure
MDEQ – RMD/RPS
NRC Resident Inspector
T. J. Wengert, NRC Washington, DC

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 request with the 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 25 DAY OF April, 2013


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-2013-41

REGULATORY COMMITMENTS

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 Nuclear Regulatory Commission (NRC) for the NRC's information and are not regulatory commitments.

Commitment	Date
Submit information identified in Screening, Prioritization, and Implementation Details (SPID) Section 4, Items 3.a and 3.b (description of subsurface materials and properties and base case velocity profile, respectively).	September 12, 2013
Submit the remaining SPID Section 4 information	March 31, 2014 (7 months after endorsement of Updated Ground Motion Model)
Submit Expedited Seismic Evaluation Process (ESEP) Report	December 31, 2014 (9 months after the SPID Section 4 information submittals)
Complete ESEP plant modifications not requiring outages	December 31, 2016 (2 years after ESEP report submittals)
Complete ESEP modifications requiring outages	2 outages after December 2014 U1C28 Fall 2017 U2C23 Fall 2016
Determine the need to complete the risk evaluations described in SPID Sections 6 and 7 (seismic risk evaluation and spent fuel pool integrity evaluation, respectively).	December 31, 2016