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Cook Nuclear Plant  
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November 26, 2012

AEP-NRC-2012-87  
10 CFR 50.54(f)

Docket No.: 50-315  
50-316

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

Donald C. Cook Nuclear Plant Units 1 and 2

180-Day Response to NRC Request for Information Pursuant to 10 CFR 50.54(f) Regarding the Seismic Aspects of Recommendation 2.3 of the Near-Term Task Force Review of Insights from the Fukushima Dai-Ichi Accident

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, ML12053A340.
2. Letter from D. L. Skeen, U. S. NRC, to A. P. Heymer, Nuclear Energy Institute (NEI), "Endorsement of Electric Power Research Institute (EPRI) Draft Report 1025286, 'Seismic Walkdown Guidance'," dated May 31, 2012, ML12145A529.
3. Letter from J. P. Gebbie, Indiana Michigan Power Company (I&M) to U. S. NRC Document Control Desk, "120-Day Response to NRC Request for Information Pursuant to 10 CFR 50.54(f) Regarding the Seismic Recommendation 2.3 of the Near-Term Task Force Review of Insights from the Fukushima Dai-Ichi Accident," dated June 29, 2012, ML121910348.

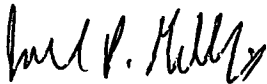
On March 12, 2012, the NRC issued Reference 1 to all power reactor licensees and holders of construction permits in active or deferred status. Enclosure 3 of Reference 1 contains specific Requested Actions, Requested Information, and Required Responses associated with Recommendation 2.3 for Seismic. This letter provides the 180-day response to Reference 1 for Recommendation 2.3 for Seismic for I&M, the licensee for Donald C. Cook Nuclear Plant (CNP) Units 1 and 2.

ADD  
NRC

Seismic walkdowns and area walkbys were performed and a final report was prepared using NRC-endorsed guidance prepared by the Electric Power Research Institute (EPRI) per References 2 and 3. The final report is provided as Enclosure 2. Components that could not be examined due to reasons of industrial or radiological safety will be evaluated during the upcoming Unit 1 and Unit 2 refueling outages in 2013. A listing of these components can be found in Appendix E of the final report. Regulatory commitments to perform the remaining walkdowns and to update the seismic walkdown report are provided as Enclosure 3.

Enclosure 1 provides an affirmation. 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

MCS/kmh

Enclosures:

- Enclosure 1 - Affirmation
- Enclosure 2 - Seismic Walkdown Report
- Enclosure 3 - Regulatory Commitments

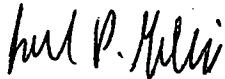
- c: C. A. Casto, NRC Region III (Enclosure 2 on CD)  
J. T. King, MPSC, w/o enclosures  
S. M. Krawec, AEP Ft. Wayne, w/o enclosures  
MDEQ -- RMD/RPS, w/o enclosures  
NRC Resident Inspector (Enclosure 2 on CD)  
T. J. Wengert, NRC Washington DC (Enclosure 2 on CD)

ENCLOSURE 1 TO AEP NRC 2012-87

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.

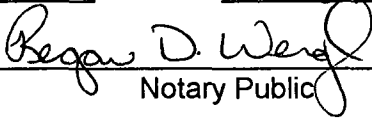
Indiana Michigan Power Company



Joel P. Gebbie  
Site Vice President

SWORN TO AND SUBSCRIBED BEFORE ME

THIS 26<sup>th</sup> DAY OF November, 2012



Notary Public

My Commission Expires 1/21/2018