



**INDIANA  
MICHIGAN  
POWER**

A unit of American Electric Power

**Indiana Michigan Power**  
One Cook Place  
Bridgman, MI 49106  
IndianaMichiganPower.com

August 9, 2012

AEP-NRC-2012-58  
10 CFR 50.90

Docket Nos.: 50-315  
50-316

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

Donald C. Cook Nuclear Plant Units 1 and 2  
Response to Request for Additional Information Regarding the Application for Amendment to  
Transition the Fire Protection Program to National Fire Protection Association Standard 805  
(TAC Nos. ME6629 and ME6630)

References:

1. Letter from M. H. Carlson, Indiana Michigan Power Company (I&M), to U. S. Nuclear Regulatory Commission (NRC) Document Control Desk, "Request for License Amendment to Adopt National Fire Protection Association (NFPA) 805 Performance-Based Standard for Fire Protection for Light Water Reactor Generating Plants (2001 Edition)," AEP-NRC-2011-1, dated July 1, 2011, NRC Agencywide Documents Access and Management System (ADAMS) Accession No. ML111188A145.
2. Letter from P. S. Tam, U. S. NRC, to L. J. Weber, I&M, "Donald C. Cook Nuclear Plant, Units 1 and 2 – Request for Additional Information on the Application for Amendment to Transition the Fire Protection Program to National Fire Protection Association Standard 805 (TAC Nos. ME6629 AND ME6630)," dated January 27, 2012, ADAMS Accession Nos. ML113560709, ML12003A186, and ML12017A251.
3. Letter from M. H. Carlson, I&M, to NRC Document Control Desk, "Donald C. Cook Nuclear Plant Units 1 and 2, Response to Request for Additional Information Regarding the Application for Amendment to Transition the Fire Protection Program to National Fire Protection Association Standard 805, (TAC Nos. ME6629 AND ME6630)," AEP-NRC-2012-29, dated April 27, 2012, ADAMS Accession No. ML12132A390.

By Reference 1, I&M, the licensee for Donald C. Cook Nuclear Plant (CNP) Units 1 and 2, proposed to amend Facility Operating Licenses DPR-58 and DPR-74 to adopt a new fire protection program

Security-Related Information – Withhold From Public Disclosure Under 10 CFR 2.390.  
Enclosure 2 to this letter contains security-related information.  
Upon removal of Enclosure 2, this letter is uncontrolled.

A006  
MRR

based on NFPA Standard 805, in accordance with 10 CFR 50.48(a) and (c). Reference 1, Enclosure 2 (hereafter referred to as the Transition Report) provided information associated with the CNP transition to NFPA 805. By Reference 2, the NRC transmitted a request for additional information (RAI) regarding the proposed amendment. As stated in Reference 2, I&M agreed to provide responses to all information requests within 90 days of the date of Reference 2, with the exception of RAI-14, -20, -29, and -31. I&M agreed to provide responses to these RAIs within 180 days of the date of Reference 2. I&M informed the NRC staff in a teleconference on April 12, 2012, and via e-mail on April 19, 2012, that the responses to RAI-15(b) and RAI-16 would also be provided within 180 days of the date of Reference 2. Reference 3 transmitted I&M's responses to the 90 day information requests. On July 23, 2012, I&M informed the NRC that responses to the "180 day" RAIs would be provided no later than August 9, 2012. This letter provides I&M's responses to those information requests, i.e., RAI-14, -15(b), -16, -20, -29, -31, and -34.

Enclosure 1 to this letter provides an affirmation statement. Enclosure 2 to this letter provides I&M's responses to the information requests. Enclosure 3 provides a revision of Attachment M, "License Condition Changes," to the Transition Report in response to RAI-15(b). Enclosure 4 provides a revision of Attachment S, "Plant Modifications and Items to be Completed During Implementation," to the Transition Report, also response to RAI 15(b).

Copies of this letter and its enclosures are being transmitted to the Michigan Public Service Commission and Michigan Department of Environmental Quality, in accordance with the requirements of 10 CFR 50.91. This letter contains no new or modified regulatory commitments. Should you have any questions regarding this proposed amendment, please contact Mr. Michael K. Scarpello, Regulatory Affairs Manager, at (269) 466-2649.

Sincerely,



Michael H. Carlson  
Site Support Services Vice President

JRW/kmh

Enclosures:

1. Affirmation.
2. Responses to Information Requests Re. NFPA 805 Transition.
3. Revision 2 of Attachment M, "License Condition Changes," to the Transition Report, Provided in Response to RAI-15(b).
4. Revision 2 of Attachment S, "Plant Modifications and Items to be Completed During Implementation," to the Transition Report, Provided in Response to RAI-15(b).

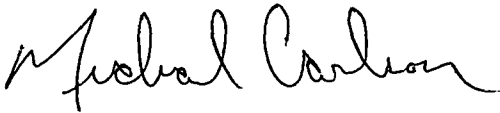
c: C. A. Casto, NRC Region III  
J. T. King, MPSC  
S. M. Krawec, AEP Ft. Wayne, w/o enclosures  
MDEQ – RMD/RPS  
NRC Resident Inspector  
P. S. Tam, NRC Washington, DC

**Enclosure 1 to AEP-NRC-2012-58**

**AFFIRMATION**

I, Michael H. Carlson, being duly sworn, state that I am Site Support Services 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



Michael H. Carlson  
Site Support Services Vice President

**SWORN TO AND SUBSCRIBED BEFORE ME**

THIS 9 DAY OF August, 2012

  
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 ~~Michigan~~