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Indiana Michigan Power
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October 26, 2012

AEP-NRC-2012-85
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
Initial Status Report in Response to March 12, 2012, Commission Order Modifying Licenses with
Regard to Requirements for Reliable Spent Fuel Pool Instrumentation
(Order Number EA-12-051)

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, "Issuance of Order to Modify Licenses with Regard to Reliable Spent Fuel Pool Instrumentation," dated March 12, 2012, ML12054A682.
2. NRC Interim Staff Guidance JLD-ISG-2012-03, Compliance with Order EA-12-051, Order Modifying Licenses with Regard to Requirements for Reliable Spent Fuel Pool Instrumentation, Revision 0, dated August 29, 2012, ML12221A339.

On March 12, 2012, the Nuclear Regulatory Commission (NRC) issued an order (Reference 1) to Indiana Michigan Power Company (I&M), the licensee for the Donald C. Cook Nuclear Plant (CNP) Units 1 and 2. Reference 1 was immediately effective and directed I&M to establish a reliable remote wide-range indication of the water level in the CNP spent fuel storage pool. Specific requirements were outlined in Attachment 2 of the enclosure of Reference 1.

Reference 1 requires submission of an initial status report 60 days following issuance of the final interim staff guidance (ISG). The final ISG (Reference 2) was issued August 29, 2012. The purpose of this letter is to provide the initial status report pursuant to Section IV, Condition C.2, of Reference 1 within 60 days following issuance of Reference 2. This report confirms I&M has received Reference 2 and is in the process of evaluating the guidance for the purpose of providing a reliable remote wide range indication of the water level in the CNP spent fuel storage pool as described in Attachment 2 of the enclosure of Reference 1.

ADD
NRR

Major activities completed during this reporting period:

- Identified resources and initiated project plans, including development of milestones, to assure compliance with Reference 1.
- Participating with the Utilities Service Alliance (USA), issued a Request for Proposal for procurement of the spent fuel pool indication (SFPI) system with an option to provide Engineering Change development services.

Planned activities for the next six months:

- Develop and submit the overall integrated plan.
- Receive and evaluate bids and award contract for SFPI system.
- Begin Engineering Change development.

Technical difficulties encountered that could affect the ability to provide I&M's February 28, 2013, submittal:

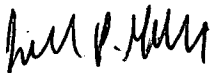
- None at this time.

Project milestone schedule through completion of installation and testing:

- A project milestone schedule will be provided with the overall integrated plan.
- Implementation of the order will be completed for CNP Unit 1 prior to startup from Refueling Outage (RFO) 26 (Fall 2014).
- As there is a common spent fuel pool (SFP) for both units, only one complete SFP level indication system will be installed in accordance with Reference 2.

The enclosure provides an affirmation. This letter contains no new or revised regulatory commitments. 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

Enclosure:
Affirmation

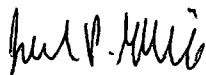
- c: C. A. Casto, NRC Region III
S. R. Jones, NRR/DSS/SBPB, NRC
J. T. King, MPSC
S. M. Krawec, AEP Ft. Wayne, w/o enclosure
E. J. Leeds, NRR, NRC
MDEQ – RMD/RPS
NRC Resident Inspector
B. A. Purnell, NRR/JLD/PMB, NRC
L. M. Regner, NRR/JLD/PMB, NRC
T. J. Wengert, NRC Washington DC

AFFIRMATION

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.

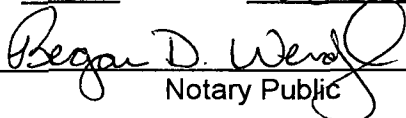
Indiana Michigan Power Company



Joel P. Gebbie
Site Vice President

SWORN TO AND SUBSCRIBED BEFORE ME

THIS 26th DAY OF October, 2012



Notary Public

My Commission Expires 1-21-18