

March 31, 2014

AEP-NRC-2014-26

Docket Nos.: 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  
Response to Donald C. Cook Nuclear Plant, Units 1 and 2 - Interim Staff Evaluation and Request  
for Additional Information Regarding the Overall Integrated Plan for Implementation of Order  
EA-12-051, Reliable Spent Fuel Pool Instrumentation

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," NRC Order Number EA-12-051, dated March 12, 2012, ADAMS Accession No. ML12054A682.
2. Letter from J. P. Gebbie, Indiana Michigan Power Company (I&M), to NRC, "Donald C. Cook Nuclear Plant Unit 1 and Unit 2, Overall Integrated Plan in Response to March 12, 2012 Commission Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation (Order Number EA-12-051)," dated February 27, 2013, ADAMS Accession No. ML13071A323.
3. Letter from T. J. Wengert, NRC, to L. J. Weber, I&M, "Donald C. Cook Nuclear Plant, Units 1 and 2 - Interim Staff Evaluation and Request for Additional Information Regarding the Overall Integrated Plan for Implementation of Order EA-12-051, Reliable Spent Fuel Pool Instrumentation (TAC NOS. MF0761 AND MF0762)," dated November 13, 2013, ADAMS Accession No. ML13310B499.
4. Letter from J. P. Gebbie, I&M, to NRC, "Donald C. Cook Nuclear Plant Units 1 and 2 Six Month Status Report in Response to March 12, 2012, Commission Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation (Order Number EA-12-051)," dated February 27, 2014, ADAMS Accession No. ML14063A041.

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5. Letter from J. R. Davis, NRC, to All Operating Reactor Licensees and Holders of Construction Permits on the Enclosed List, "Nuclear Regulatory Commission Audits of Licensee Responses to Reliable Spent Fuel Pool Instrumentation Order EA-12-051," dated March 26, 2014, ADAMS Accession No. ML14083A620.

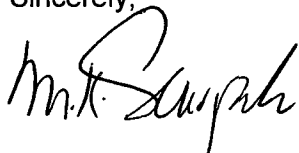
On March 12, 2012, the U. S. Nuclear Regulatory Commission (NRC) issued an order (Reference 1) to Indiana Michigan Power Company (I&M), the licensee for the Donald C. Cook Nuclear Plant Units 1 and 2. Reference 1 was immediately effective and directed I&M to establish reliable spent fuel pool level instrumentation. Specific requirements are outlined in Attachment 2 of Reference 1.

By Reference 2, I&M provided an Overall Integrated Plan as required by Reference 1. By Reference 3, the NRC issued an Interim Staff Evaluation (ISE) and Request for Additional Information (RAI). By Reference 4, I&M provided a six-month status report as required by Reference 1. Reference 4 also included two partial RAI responses and nine complete RAI responses requested in Reference 3. By Reference 5, the NRC requested licensees to post RAI responses and other supporting information on their ePortals by the date identified in their ISE instead of providing the RAI responses in a formal correspondence to the NRC.

As requested, the RAI responses have been posted to the ePortal. I&M considers this ePortal posting to satisfy the outstanding RAI requested in Reference 3.

This letter contains no new or revised regulatory commitments. Should you have any questions, please contact me at (269) 466-2649.

Sincerely,



Michael K. Scarpello  
Regulatory Affairs Manager

JJV/amp

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