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October 29, 2007

AEP:NRC:7514-01  
10 CFR 50.71

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Mail Stop O-P1-17  
Washington, DC 20555-0001

**SUBJECT:** Donald C. Cook Nuclear Plant (CNP) Unit 1 and Unit 2  
Docket Nos.: 50-315 and 50-316  
Response to Request for Additional Information Regarding Reactor Vessel Head Lift  
in the CNP Licensing Basis (TAC Nos. MD3046 and MD3047)

- Reference:**
1. Letter from P. S. Tam, NRC, to M. K. Nazar, Indiana Michigan Power Company (I&M), "D. C. Cook Nuclear Plant (DCCNP), Units 1 and 2 - Request for Additional Information Regarding Reactor Vessel Head Lift in the Licensing Basis (TAC Nos. MD3046 and MD3047)," dated November 24, 2006 (ML063180409).
  2. Letter from J. N. Jensen, I&M, to U. S. Nuclear Regulatory Commission Document Control Desk, "Response to Request for Additional Information Regarding Reactor Vessel Head Lift in the CNP Licensing Basis (TAC Nos. MD3046 and MD3047)," dated February 20, 2007 (ML070600156).

Dear Sir or Madam:

This letter provides an update to a Nuclear Regulatory Commission (NRC) request for additional information transmitted by Reference 1. In that letter, the NRC requested that Indiana Michigan Power Company (I&M) provide additional information as to why a referenced reactor vessel head drop analysis should not be included in the CNP Updated Final Safety Analysis Report (UFSAR). I&M responded to the NRC request by Reference 2.

I&M has completed formal, plant-specific, reactor vessel head drop analyses for CNP Units 1 and 2 and updated the UFSAR accordingly. Additionally, I&M is participating in the industry initiative on heavy load lifts to ensure that heavy load lifts continue to be conducted safely, and that the CNP licensing bases accurately reflect plant practices. I&M intends to implement applicable recommendations made by the industry task force on heavy loads as they become available.

This letter contains no new or revised regulatory commitments. Should you have any questions, please contact Ms. Susan D. Simpson, Regulatory Affairs Manager, at (269) 466-2428.

A001  
NRA

Sincerely,

A handwritten signature in black ink, appearing to read 'Mark A. Peifer', written in a cursive style.

Mark A. Peifer  
Site Support Services Vice President

SLA/jen

- c: J. L. Caldwell – NRC Region III  
K. D. Curry – AEP Ft. Wayne  
J. T. King – MPSC  
MDEQ – WHMD/RPMWS  
NRC Resident Inspector  
P. S. Tam – NRC Washington, DC