



**INDIANA
MICHIGAN
POWER**

A unit of American Electric Power

SAFEGUARDS INFORMATION

Indiana Michigan Power
Cook Nuclear Plant
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Bridgman, MI 49106
AEP.com

October 3, 2005

AEP:NRC:2073-30
10 CFR 50.4

Docket Nos. 50-315
50-316

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

SUBJECT: Response to Nuclear Regulatory Commission (NRC) Request for Additional Information on Guidance Regarding Mitigation Strategies

By letter dated May 27, 2005, Indiana Michigan Power Company (I&M), the licensee for Donald C. Cook Nuclear Plant (CNP) Units 1 and 2, Facility Operating Licenses DPR-58 and DPR-74, responded to an NRC letter dated February 25, 2005, NRC Staff Guidance for Use in Achieving Satisfactory Compliance with February 25, 2002, Order Section B.5.b.

By PGP encrypted file via e-mail dated August 10, 2005, the NRC made a request for additional information (RAI) on I&M's response dated May 27, 2005. In the e-mail communication, the NRC requested that I&M discuss responses to the RAIs in a teleconference with the NRC. A teleconference was conducted on September 2, 2005, between NRC staff and I&M staff to discuss I&M's responses to the RAIs. During this teleconference, the NRC requested that I&M submit written RAI responses in a follow-up correspondence to the NRC. Attachment 1 to this letter provides I&M's written responses to the RAIs.

The commitments resulting from the response documented in Attachment 1 are listed in Attachment 2. The due date for commitment 3.c is based on similar activities related to a previous commitment made by I&M to revise the CNP Emergency Plan to include provisions for drills and exercises using terrorist-based-events, in response to NRC Bulletin 05-02 (ref: AEP:NRC:5054-12, dated August 15, 2005).

NOTE: ATTACHMENT 1 TO THIS LETTER CONTAINS "SAFEGUARDS INFORMATION" AND MUST BE PROTECTED ACCORDINGLY. UPON SEPARATION OF ATTACHMENT 1, THIS LETTER AND ATTACHMENT 2 ARE "DECONTROLLED".

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Should you have any questions, please contact Mr. John A. Zwolinski, Director of Safety Assurance, at (269) 466-2428.

Sincerely,

A handwritten signature in black ink, appearing to read 'J. Jensen', with a long horizontal line extending to the right.

Joseph N. Jensen
Site Vice President

Attachments

HLE/jen

c w/o Attachment 1:

- J. L. Caldwell – NRC Region III
- K. D. Curry – AEP Ft. Wayne
- J. E. Dyer – Office of Nuclear Reactor Regulation
- J. T. King – MPSC
- MDEQ – WHMD/HWRPS
- NRC Resident Inspector
- Records Center - INPO
- D. W. Spaulding – NRC Washington DC