



**INDIANA
MICHIGAN
POWER**

SAFEGUARDS INFORMATION

August 31, 2004

AEP:NRC:2073-18
10 CFR 2.202
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: Donald C. Cook Nuclear Plant Units 1 and 2 - Supplemental Response to Requests for Additional Information related to I&M's Submittal of a revised Security Plan, dated April 29, 2004

By letter dated April 29, 2004, Indiana Michigan Power Company (I&M), the licensee for Donald C. Cook Nuclear Plant Units 1 and 2, Facility Operating Licenses DPR-58 and DPR-74, submitted a revised Security Plan for review and approval by the Nuclear Regulatory Commission (NRC) to comply with NRC Order EA-03-086.

By letters dated June 16, 2004, June 25, 2004, and July 23, 2004, the NRC made requests for additional information (RAI) on the revised Security Plan. By letters dated July 8, 2004, July 13, 2004, and August 12, 2004, I&M responded to these RAIs with commitments to provide supplemental responses by September 30, 2004, September 30, 2004, and August 31, 2004, respectively.

Attachments 1, 3, 4, and 5 to this letter provides I&M's supplemental response, which satisfies the commitments made in letters dated July 8, 2004, July 13, 2004, and August 12, 2004. Attachment 2 contains an aerial overview of the vehicle barrier system to enhance understanding of the security plan.

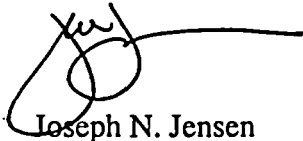
NOTE: ATTACHMENTS TO THIS LETTER CONTAIN
"SAFEGUARDS INFORMATION" AND MUST BE PROTECTED
ACCORDINGLY. UPON SEPARATION OF
ATTACHMENTS, THIS LETTER IS "DECONTROLLED".

SAFEGUARDS INFORMATION

X NSIRO5

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

Sincerely,



Joseph N. Jensen
Site Vice President

Attachment

HE/jen

REFERENCES:

1. Letter from R. J. Fretz, NRC, to J. N. Jensen, I&M, "Donald C. Cook Nuclear Plant, Units 1 and 2 – Request for Additional Information RE: Security Plan Sections 10-19 (TAC Nos. MC2910 and MC2911)," Dated June 16, 2004
2. Letter from R. J. Fretz, NRC, to J. N. Jensen, I&M, "Donald C. Cook Nuclear Plant, Units 1 and 2 – Request for Additional Information RE: Security Plan Sections 1-9 (TAC Nos. MC2910 and MC2911)," Dated June 25, 2004
3. Letter from R. J. Fretz, NRC, to J. N. Jensen, I&M, "Donald C. Cook Nuclear Plant, Units 1 and 2 – Request for Additional Information RE: Safeguards Contingency Plan and Section 9.4.1 of the Physical Security Plan (TAC Nos. MC2910 and MC2911)," Dated July 23, 2004
4. Letter from J. N. Jensen, I&M, to NRC Document Control Desk, "Response to Donald C. Cook Nuclear Plant Units 1 and 2 - Request for Additional Information Re: Security Plan Sections 10-19 (TAC Nos. MC2910 and MC2911)," Dated July 8, 2004
5. Letter from J. N. Jensen, I&M, to NRC Document Control Desk, "Response to Donald C. Cook Nuclear Plant Units 1 and 2 - Request for Additional Information Re: Security Plan Sections 1-9 (TAC Nos. MC2910 and MC2911)," Dated July 13, 2004

6. Letter from J. N. Jensen, I&M, to NRC Document Control Desk, "Response to Donald C. Cook Nuclear Plant Units 1 and 2 - Request for Additional Information Re: Safeguards Contingency Plan and Section 9.4.1 of the Physical Security Plan (TAC Nos. MC2910 and MC2911)," Dated August 12, 2004

c w/o attachment:

J. L. Caldwell – NRC Region III
K. D. Curry – AEP Ft. Wayne
J. T. King – MPSC
J. G. Lamb – NRC Washington DC
MDEQ – WHMD/HWRPS
NRC Resident Inspector
Records Center - INPO

AFFIRMATION

I, Joseph N. Jensen, 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



Joseph N. Jensen
Site Vice President

SWORN TO AND SUBSCRIBED BEFORE ME

THIS 31 DAY OF AUGUST, 2004


Notary Public

My Commission Expires 5/26/05

JENNIFER L KERNOSKY
Notary Public, Berrien County, Michigan
My Commission Expires May 26, 2005