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Indiana Michigan Power
One Cook Place
Bridgman, MI 49106
IndianaMichiganPower.com

April 26, 2011

AEP-NRC-2011-33
10 CFR 2.202
10 CFR 72.212(b)(5)
10 CFR 73.55(c)(5)

Docket Nos.: 50-315
50-316
72-072

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Director, Division of Spent Fuel Storage and Transportation
Office of Nuclear Material Safety and Safeguards
Washington, DC 20555-0001

SUBJECT: Donald C. Cook Nuclear Plant Unit 1 and Unit 2
Response to Order EA-11-039

Reference: Letter from Catherine Haney, Director, Office of Nuclear Material Safety and Safeguards, to Lawrence J. Weber, Indiana Michigan Power Company, "Issuance Of Order For Implementation Of Additional Security Measures And Fingerprinting For Unescorted Access For DC Cook Nuclear Plant Independent Spent Fuel Storage Installation," dated April 6, 2011.

Dear Sir or Madam:

Pursuant to the requirements of 10 CFR 72.212(b)(5) and 10 CFR 73.55(c)(5), Indiana Michigan Power Company (I&M), the licensee for Donald C. Cook Nuclear Plant (CNP), has reviewed Order EA-11-039 (Order) which modifies the general license issued to I&M under 10 CFR 72.210 for the operation of the Independent Spent Fuel Storage Installation (ISFSI) at CNP. In accordance with Section III.C.1 and Section IV of the Order, this letter is being submitted to notify the Nuclear Regulatory Commission (NRC) that I&M consents to the requirements in the Order, Attachments 1 and 2. I&M will demonstrate the ability to comply with the requirements described in Attachments 1 and 2 of the Order by March 1, 2012. I&M will implement these requirements before placing fuel in the ISFSI. In accordance with Section III.C.2 of the Order, I&M will report to the NRC in writing when full compliance with the Order, Attachments 1 and 2 is achieved.

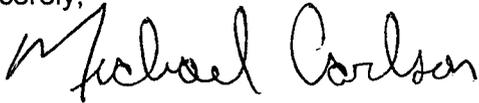
In response to Order Enclosure 1, Attachment 2, Section A.3, I&M will utilize the current reactor access authorization program for CNP to comply with the additional security measures.

Pursuant to the requirements of 10 CFR 2.202, this letter also serves to notify the Secretary, Office of the Secretary of the Commission, of our consent to the Order in accordance with Section IV of the Order.

NM5524
NM5526

There are no new or revised commitments in this letter. Should you have any questions, please contact Mr. Herb Torberg, Site Protective Services Manager, at (269) 466-2751.

Sincerely,

A handwritten signature in black ink that reads "Michael H. Carlson". The signature is written in a cursive style with a large initial "M".

Michael H. Carlson
Site Support Services Vice President

JSP/jen/jmr

Enclosure: Affirmation

- c: Secretary, Office of the Secretary of the Commission
D. L. Garner, Office of Nuclear Security and Incident Response
J. T. King - MPSC, w/o enclosure
S. M. Krawec - AEP Ft. Wayne, w/o enclosure
MDNRE – WHMD/RPS, w/o enclosure
NRC Resident Inspector
M. A. Satorius – NRC Region III
P. S. Tam – NRC Washington, DC
L. R. Wharton, Office of Nuclear Material Safety and Safeguards

AFFIRMATION

I, Michael H. Carlson, being duly sworn, state that I am Site Support Services 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.

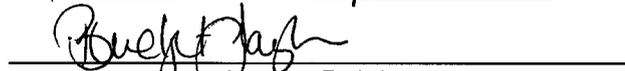
Indiana Michigan Power Company



Michael H. Carlson
Site Support Services Vice President

SWORN TO AND SUBSCRIBED BEFORE ME

THIS 26th DAY OF April, 2011



Notary Public

My Commission Expires 6/10/2013