



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

**REGION III**

2443 Warrenville Road, Ste 210  
Lisle, IL 60532-4362

June 13, 2012

Mr. Larry Weber, Senior Vice President  
and Chief Nuclear Officer  
Indiana Michigan Power Company  
Nuclear Generation Group  
One Cook Place  
Bridgman, MI 49106

SUBJECT: D.C. COOK NUCLEAR PLANT INDEPENDENT SPENT FUEL STORAGE  
INSTALLATION — NRC SECURITY INSPECTION REPORT NOS.  
05000315/2012406(DNMS), 05000316/2012406(DNMS), AND  
07200072/2012002(DNMS)

Dear Mr. Weber:

On May 16, 2012, the U.S. Nuclear Regulatory Commission (NRC) completed an initial security inspection of the physical security program for the independent spent fuel storage installation (ISFSI) at the D.C. Cook Nuclear Plant (DCCNP), Bridgman, Michigan. The purpose of the inspection was to evaluate whether the protection of the ISFSI was in compliance with the DCCNP Physical Security Plan (PSP), NRC regulations and the NRC Security Order EA-11-039, "Implementation of Additional Security Measures (ASMs) and Fingerprinting for Unescorted Access for DCCNP ISFSI, issued April 6, 2011. At the conclusion of the onsite inspection on May 16, 2012, the inspectors discussed the inspection findings with members of your security, licensing, and ISFSI project management staff.

Based on the results of this inspection, no findings of significance were identified.

In accordance with Title 10 of the Code of Federal Regulations (CFR) 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>. However, because of the security-related discussion contained in the enclosure, and in accordance with 10 CFR 2.390, a copy of this letter's enclosure will not be available for public inspection.

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L. Weber

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We will gladly discuss any questions you may have regarding this inspection.

Sincerely,

**/RA/**

Christine A. Lipa, Chief  
Materials Control, ISFSI, and  
Decommissioning Branch

Docket No. 050-00315, 050-00316,  
072-00072  
License No. DPR-58, DPR-74,  
General License (ISFSI)

Enclosures:

IR 05000315/2012406(DNMS) (Non Public)  
IR 05000316/2012406(DNMS) (Non Public)  
IR 07200072/2012002(DNMS) (Non Public)

cc w/encls: J. Stone, Security Manager,  
Indiana Michigan Power Company  
M. Scarpello, Manager Regulatory Affairs,  
Indiana Michigan Power Company  
K. Yale, State Liaison Officer,  
State of Michigan

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L. Weber

-2-

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Letter to Larry Weber from Christine A. Lipa dated June 13, 2012

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