

SAFEGUARDS INFORMATION

January 20, 2011

Mr. Lawrence J. 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, UNITS 1 AND 2 NUCLEAR REGULATORY
COMMISSION SECURITY INSPECTION REPORT 05000315/2010202;
05000316/2010202

Dear Mr. Weber:

On December 10, 2010, the U. S. Nuclear Regulatory Commission (NRC) completed a security baseline inspection at D.C. Cook Nuclear Plant. The inspection covered one or more of the key attributes of the Security cornerstone of the NRC's Reactor Oversight Process. The enclosed inspection report documents the inspection results, which were discussed on December 14, 2010, with Mr. Joel Gebbie and other members of your staff.

The inspection examined activities conducted under your license as they relate to security and compliance with the Commission's rules and regulations and with the conditions of your license. The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel.

No findings of significance were identified.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) Section 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 Publicly Available Records System of NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room). However, because of the security-related concerns 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.

In accordance with 10 CFR 2.390(b)(1)(ii), the NRC is waiving the affidavit requirements for your response, if any. This practice will ensure that your response will not be made available electronically for public inspection in the NRC Public Document Room or from the NRC's document system, ADAMS. If Safeguards Information is necessary to provide an acceptable response, please provide the level of protection described in 10 CFR 73.21. Otherwise, mark your entire response "Security-Related Information – Withhold Under 10 CFR 2.390" and follow the instructions for withholding in 10 CFR 2.390(b)(1).

<p>The enclosure transmitted herewith contains Safeguards Information. When separated from the enclosure, this transmittal document is decontrolled.</p>
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L. Weber

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Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,

/RA/

Robert C. Johnson, Chief
Security Performance Evaluation Branch
Division of Security Operations
Office of Nuclear Security and Incident Response

Docket No.: 50-315, 50-316
License No.: DPR-58, DPR-74

Enclosure:
As stated

cc w/encl: S. Coker, NSIR
C. Johnson, NSIR
J. Curry, NSIR
D. Brady, NSIR
J. Trapp, RI
M. Ernstes, RII
R. Skokowski, RIII
M. Shannon, RIV
H. Torberg, Cook Nuclear Power Station

cc w/o encl: OPA.Resource@nrc.gov

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Sincerely,

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Robert C. Johnson, Chief
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NAME	A. Letourneau	J. Curry	J. Maynen	C. Johnson
DATE	12/27/10	01/05/11	01/03/11	01/20/11

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