

SAFEGUARDS INFORMATION

September 5, 2008

Mr. Michael W. Rencheck
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 POWER PLANT, UNITS 1 AND 2
NRC SECURITY BASELINE INSPECTION REPORT 05000315/2008403(DRS);
05000316/2008403(DRS)

Dear Mr. Rencheck:

On July 25, 2008, the U. S. Nuclear Regulatory Commission (NRC) completed a security baseline inspection at your D. C. Cook Nuclear Power Plant, Units 1 and 2. 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 July 25, 2008, with Mr. J. Jensen 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 inspector reviewed selected procedures and records, observed activities, and interviewed personnel.

Based on the results of this inspection, no findings of significance were identified. However, two licensee-identified violations which were determined to be of very low security significance are listed in this report. The NRC is treating these violations as non-cited violations (NCVs) consistent with Section VI.A.1 of the NRC Enforcement Policy because of the very low security significance of the violations and because they were entered into your corrective action program. If you contest these non-cited violations, you should provide a response within 30 days of the date of this inspection report, with the basis for your denial, to the Nuclear Regulatory Commission, ATTN.: Document Control Desk, Washington DC 20555-0001; with

EXEMPT FROM PUBLIC DISCLOSURE

May be exempt from public release under the Freedom of Information Act (5 U.S.C. 552)

Exemption number: 5

Nuclear Regulatory Commission review required before public release.

Joseph Maynen, RIII/DRS/PSB

Name and organization of person making determination.

Date of determination: 08/01/2008

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M. Rencheck

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copies to the Regional Administrator Region III; the Director, Office of Enforcement, United States Nuclear Regulatory Commission, Washington, DC 20555-0001; and the NRC Resident Inspector at the D. C. Cook Nuclear Power Plant.

In accordance with 10 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 Publicly Available Records System (PARS) component 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.

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

Sincerely,

/RA/

Eric Duncan, Chief
Plant Support Branch
Division of Reactor Safety

Docket Nos. 50-315; 50-316
License Nos. DPR-58; DPR-74

Nonpublic Enclosure: Inspection Report 05000315/2008403(DRS);
05000316/2008403(DRS)
w/Attachment: Supplemental Information
(SAFEGUARDS INFORMATION)

cc w/encl **(SAFEGUARDS INFORMATION)**:

D. Riffle, NSIR/DSO/DDSO
T. Strong, State Liaison Officer, State of Michigan

cc w/o encl **(SAFEGUARDS INFORMATION)**:

L. Weber, Site Vice President
J. Gebbie, Plant Manager
G. White, Michigan Public Service Commission
Michigan Department of Environmental Quality
Planning Manager, Emergency Management and Homeland
Security Division, Michigan State Police Department

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Letter to Michael W. Rencheck from Eric Duncan dated September 5, 2008.

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