

## SAFEGUARDS INFORMATION

March 5, 2003

Mr. A. C. Bakken III  
Senior Vice President  
Nuclear Generation Group  
American Electric Power Company  
500 Circle Drive  
Buchanan, MI 49107

SUBJECT: D. C. COOK NUCLEAR POWER PLANT, UNITS 1 AND 2  
NRC SAFEGUARDS INSPECTION OF COMPLIANCE WITH ORDER  
INSPECTION REPORT 50-315/03-03; 50-316/03-03(DRS)

Dear Mr. Bakken:

On January 16, 2003, the NRC completed an inspection at your D.C. Cook Nuclear Power Plant, Units 1 and 2. The enclosed inspection report documents the inspection findings which were discussed on January 16, 2002, with Mr. J. Pollock and other members of your staff.

The inspection examined activities conducted under your license as they relate to safety and compliance with an Order issued on February 25, 2002, which required your site to implement specific measures related to the security of your facility. The inspection utilized Temporary Instruction 2515/148, "Inspection of Nuclear Reactor Safeguards Interim Compensatory Measures," to verify implementation of the Order as clarified in your response dated March 15, 2002. Within these areas, the inspection consisted of selected examination of procedures and representative records, observation of activities, and interviews with personnel.

Based on the results of this inspection, no findings of significance were identified. The inspectors identified an unresolved item regarding access to certain contingency equipment by armed responders. This item remains open pending review by the Office of Nuclear Security and Incident Response.

The material enclosed herewith contains Safeguards Information as defined by 10 CFR 73.21 and its disclosure to unauthorized individuals is prohibited by Section 147 of the Atomic Energy Act of 1954, as amended. Therefore, the material will not be placed in the Public Document Room.

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A. C. Bakken

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

Sincerely,

*/RA/*

James R. Creed  
Safeguards Program Manager  
Division of Reactor Safety

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

Enclosure: Inspection Report 50-315/03-03(DRS)  
50-316/03-03(DRS)

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cc w/encl **W/SAFEGUARDS INFORMATION:**

NRR/DIPM/IOLB/RSS  
J. Pollock, Site Vice President  
M. Finissi, Plant Manager

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

R. Whale, Michigan Public Service Commission  
Michigan Department of Environmental Quality  
Emergency Management Division  
MI Department of State Police  
D. Lochbaum, Union of Concerned Scientists

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U.S. NUCLEAR REGULATORY COMMISSION

REGION III

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

Report No: 50-315/03-03(DRS); 50-316/03-03(DRS)

Licensee: Indiana Michigan Power Company

Facility: D.C. Cook Nuclear Power Plant, Units 1 and 2

Location: 1 Cook Place  
Bridgman, Mi 49106

Dates: January 13 through 16, 2003

Inspectors: J. Belanger, Senior Physical Security Inspector  
D. Funk, Physical Security Inspector  
J. Maynen, Physical Security Inspector  
R. Jickling, Emergency Preparedness Inspector

Approved by: James R. Creed  
Safeguards Program Manager  
Division of Reactor Safety

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## SUMMARY OF FINDINGS

IR 05000315/03-03(DRS), IR 05000316/03-03(DRS); Indiana Michigan Power Company; on 01/13/2003-01/16/2003; D.C. Cook Nuclear Power Plant, Units 1 and 2. TI 2515/148, Verification of Compliance With Interim Compensatory Measures Order

The inspection was conducted by regional physical security and emergency preparedness inspectors.

### **Cornerstone: Physical Security**

On February 25, 2002, the NRC imposed by Order, Interim Compensatory Measures that addressed waterborne threats, vehicle bombs, insider threats, land based assaults and mitigative measures. The inspectors determined that, overall, the licensee appropriately evaluated the impact of the interim design basis explosive on the site; incorporated the Interim Compensatory Measures into the site protective strategy and access authorization programs; developed and implemented relevant procedures; evaluated the impact of losses of large areas of the site and vulnerabilities of their computer systems, ensured that the emergency plan could be implemented; and established and effectively coordinated interface agreements with offsite organizations.

The inspectors identified an unresolved item regarding the use of certain contingency equipment by armed responders. This item remains open pending review by the Office of Nuclear Security and Incident Response (Section V.F.2).

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