

**SAFEGUARDS INFORMATION**

August 29, 2003

Mr. K. M. Haas  
General Manager  
Big Rock Point Nuclear Plant  
Consumers Energy Company  
10269 US 31 North  
Charlevoix, MI 49720

SUBJECT: BIG ROCK POINT  
NRC SAFEGUARDS INSPECTION OF THE INDEPENDENT SPENT FUEL  
STORAGE INSTALLATION INSPECTION REPORT 7200043/2003003(DRS)

Dear Mr. Haas:

On August 14, 2003, the NRC completed an inspection at Big Rock Point. The enclosed report documents the inspection findings which were discussed on August 1, 2003, with yourself and other members of your staff.

The inspection examined your ability to adequately protect the Independent Spent Fuel Storage Installation (ISFSI) as required by your ISFSI security plan, the ISFSI security training and qualification plan, the ISFSI security contingency plan, and the NRC Order entitled "Interim Compensatory Measures (ICMs) for Dry Independent Spent Fuel Storage Installations," dated October 16, 2002. In a November 4, 2002 letter to the NRC, Consumers Energy stated that actions pertaining to the ICMs would be completed prior to moving fuel to the ISFSI. The inspection utilized Inspection Procedure 81001, "Independent Spent Fuel Storage Installations." Within these areas, the inspection consisted of selected examination of procedures and representative records, observations of activities, and interviews with personnel.

On the basis of the results of this inspection, no findings of significance were identified. An administrative issue was noted and has been entered into your corrective action program (Section B of the report details).

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

Sincerely,

James R. Creed  
Safeguards Program Manager  
Division of Reactor Safety

Docket No. 50-155  
License No. DPR-06

Enclosure: Inspection Report 7200043/2003003 (DRS)  
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cc w/encl: R. A. Fenech, Senior Vice President,  
Nuclear, Fossil, and Hydro Operations  
B. Manili, NSIR/DNS/MTWS  
E. McNeil, NSIR/DNS/RSS

cc w/o **SAFEGUARDS INFORMATION:**  
John King, Michigan Public Service Commission  
L. Shekter Smith, Michigan Department of  
Environmental Quality  
Chief, Nuclear Facilities Unit, Michigan  
Department of Environmental Quality  
Department of Attorney General (MI)  
Emergency Management Division,  
Michigan Department of State Police

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*/RA/*

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Safeguards Program Manager  
Division of Reactor Safety

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John King, Michigan Public Service Commission  
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Environmental Quality  
Chief, Nuclear Facilities Unit, Michigan  
Department of Environmental Quality  
Department of Attorney General (MI)  
Emergency Management Division,  
Michigan Department of State Police

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U. S. NUCLEAR REGULATORY COMMISSION

REGION III

Docket No: 50-155

License No: DPR-06

Report No: 7200043/2003003

Licensee: Consumers Energy Company

Facility: Big Rock Point

Location: 10269 U.S. 31North  
Charlevoix, MI 49720

Dates: August 12 through 14, 2003

Inspector: G. Pirtle, Physical Security Inspector

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

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### **SUMMARY OF FINDINGS**

IR 7200043/2003-003(DRS); Consumers Power Company; on 8/12/03 - 8/14/03; Big Rock Point; Security Measures for Independent Spent Fuel Storage Installations and Verification of Compliance with Interim Compensatory Measures Order.

The inspection was conducted by a regional physical security inspector.

#### **Cornerstone: Physical Security**

- On October 16, 2002, the NRC imposed by Order, Interim Compensatory Measures (ICMs) for Independent Spent Fuel Storage Installations (ISFSI) to enhance physical security. Regulatory Issue Summary (RIS) 2002-12D, "Independent Spent Fuel Storage Installations Using Dry Storage - NRC Threat Advisory And Protective Measures System," was issued with the Order. RIS 2003-05, "Issuance of Orders Imposing Additional Physical Protection Measures For Independent Spent Fuel Storage Installations Using Dry Storage," dated March 19, 2003, was also issued for clarification.
- The inspector determined that the licensee appropriately incorporated the ISFSI ICMs into the ISFSI protective strategy. An administrative issue (procedure guidance for some requirements of the Order) required resolution and the licensee entered the issue into their corrective action program (Section B of the report details).

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