

October 11, 2002

Mr. T. Coutu  
Site Vice President  
Kewaunee Nuclear Power Plant  
N490 Hwy 42  
Kewaunee, WI 54216

SUBJECT: KEWAUNEE NUCLEAR POWER PLANT  
USNRC INSPECTION REPORT 50-305/02-09

Dear Mr. Coutu:

On September 20, 2002, the Nuclear Regulatory Commission (NRC) completed an inspection at your Kewaunee Nuclear Power Plant. The enclosed report documents the inspection findings which were discussed on September 19, 2002, with you and members of your staff.

The inspection was an examination of activities conducted under your license as they relate to the Safeguards Strategic Performance Area and compliance with the Commission's rules and regulations and with the conditions of your license. Within this area, the inspection consisted of a selected examination of procedures and representative records, observation of activities, and interviews with personnel. Specifically, this inspection focused on Access Authorization (Behavior Observation), Access Control (Search of Personnel and Package Identification and Authorization), and Performance Indication Verification.

There was one finding of very low safety significance (Green) identified in the report.

In accordance with 10 CFR Part 2.790 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 (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

T. Coutu

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The enclosure, which contains safeguards information of a type specified in 10 CFR 73.21, will not be placed in the Public Document Room and must be protected against unauthorized disclosure.

Sincerely,

*/RA/*

James R. Creed  
Safeguards Program Manager  
Division of Reactor Safety

Docket No. 50-305  
License No. DPR-43

Enclosure: Inspection Report 50-305/02-09(DRS)  
**(SAFEGUARDS INFORMATION)**

cc w/encl: D. Graham, Director, Bureau of Field Operations  
NRR/DIPM/IOLB/RSS

cc w/encl w/o

**SAFEGUARDS INFORMATION:** Chairman, Wisconsin Public Service Commission  
State Liaison Officer

T. Coutu

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U. S. NUCLEAR REGULATORY COMMISSION

REGION III

Docket No: 50-305  
License No: DPR-43  
Report No: 50-305/02-09(DRS)  
Licensee: Nuclear Management Company, LLC  
Facility: Kewaunee Nuclear Power Plant  
Location: N490 Highway 42  
Kewaunee, WI 54216  
Dates: September 16 through 20, 2002  
Inspector: T. Madeda, Physical Security Inspector  
Approved By: James R. Creed  
Safeguards Program Manager  
Division of Reactor Safety

## SUMMARY OF FINDINGS

IR 05000305-02-09; Nuclear Management Company, LLC; on 09/16-20/02, Kewaunee Nuclear Power Plant. Physical Protection - Access Authorization, Access Control, Performance Indicator Verification.

The report covers a one-week period of announced baseline inspection on security. The inspection was conducted by a Region III security inspector. One Green finding was identified. The significance of most findings is indicated by their color (Green, White, Yellow, Red) using Inspection Manual Chapter 0609, "Significance Determination Process" (SDP). Findings for which the SDP does not apply may be "Green" or be assigned a severity level after NRC management review. The NRC's program for overseeing the safe operation of commercial nuclear power reactors is described in NUREG-1649, "Reactor Oversight Process," Revision 3, dated July 2000.

### A. Inspection Findings

#### **Cornerstone: Physical Protection**

Green. A finding of very low safety significance was identified by the inspector. The inspector observed during testing of licensee security access control equipment on September 17, 2002, that two detection devices failed to detect a test source. Specifically, a detection gap was identified on each device.

The finding affected safety because it demonstrated a reduced level of effectiveness to detect unauthorized material. This finding was evaluated through the SDP and determined to be of very low safety significance because no malevolent act had occurred, and there had not been greater than two similar findings in the last four quarters.

This finding was determined to be a Non-Cited Violation of Sections 9.3.2 and 16.1 of the approved Kewaunee Security Plan. (Section 3PP2)

### B. Licensee-Identified Violations

No findings of significance were identified.