

May 23, 2006

Mr. M. Nazar  
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 - INFORMATION  
REQUEST FOR NRC MAINTENANCE EFFECTIVENESS BASELINE  
INSPECTION

Dear Mr. Nazar:

On July 17, 2006, the U.S. Nuclear Regulatory Commission (NRC) will begin the required triennial inspection of maintenance effectiveness at your D. C. Cook Nuclear Power Plant, Units 1 and 2. This inspection will be performed in accordance with the NRC baseline inspection procedure 71111.12B.

In order to minimize the impact that the inspection has on the site and to ensure a productive inspection for both sides, we have enclosed a request for documents needed for the inspection. The document request lists the information necessary in order to ensure the inspector is adequately prepared for the inspection. This information should be available to the Regional Office no later than June 30, 2006. In so far as possible, this information should be provided electronically to the lead inspector.

The lead inspector for this inspection is Mr. Robert Winter. If there are any questions about the material requested, or the inspection, please call the lead inspector at (630) 829-9758 or e-mail him at RAW2@nrc.gov.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public

Document Room or from the Publicly Available Records (PARS) component of the 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).

Sincerely,

**/RA/**

Julio Lara, Chief  
Engineering Branch 3  
Division of Reactor Safety

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

Enclosure: Initial Document Request

cc w/encl: J. Jensen, Site Vice President  
L. Weber, Plant Manager  
G. White, Michigan Public Service Commission  
L. Brandon, Michigan Department of Environmental Quality -  
Waste and Hazardous Materials Division  
Emergency Management Division  
MI Department of State Police  
D. Lochbaum, Union of Concerned Scientists

M. Nazar

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cc w/encl: J. Jensen, Site Vice President  
L. Weber, Plant Manager  
G. White, Michigan Public Service Commission  
L. Brandon, Michigan Department of Environmental Quality -  
Waste and Hazardous Materials Division  
Emergency Management Division  
MI Department of State Police  
D. Lochbaum, Union of Concerned Scientists

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## PERIODIC EVALUATION INSPECTION DOCUMENT REQUEST

Inspection Date: July 17, 2006

Inspection Procedures: IP 71111.12B, Maintenance Effectiveness, Periodic Evaluation Inspection

Inspector: Robert Winter, Reactor Engineer  
(630) 829-9758,  
[raw2@nrc.gov](mailto:raw2@nrc.gov)

### Initial Document Request

#### A. Information Requested Expeditiously

The following information is requested to be provided as soon as possible, but no later than June 30, 2006. In so far as possible, information should be provided electronically.

1. **Use these specific systems for Items 3, 11, 15, and 18 of the Document Request List**
  - a. **Auxiliary Power (4160 Vac);**
  - b. **Control Rod Drive;**
  - c. **Chemical and Volume Control System; and**
  - d. **Essential Service Water.**

#### B Document Request

1. Maintenance Rule Administrative Procedures;
2. IPE/PSA available for review;
3. PSA Basis for the Maintenance Rule (MR) Performance Criteria for the following systems: **(See items listed above);**
4. Current list of Maintenance Rule Systems Showing (a)(1) and (a)(2) status;
5. Performance criteria for all SSCs in the MR;
6. A copy of the last two Periodic Evaluations;
7. List of Unavailability and Reliability Data used for all MR SSCs in performing the latest Periodic Evaluation (if not included in periodic evaluation report);

Enclosure

8. Maintenance Rule (a)(1) Cause Determinations and Goals for all SSCs in (a)(1) during the time frame of the latest periodic evaluation;
9. Disposition sheets for why SSCs removed from (a)(1) during the time frame of the latest periodic evaluation;
10. List of all SSCs (or functions) removed from or added to the MR program for the time frame of the latest periodic evaluation;
11. Work Requests (Orders) for **SSCs identified above** for the time frame of the latest periodic evaluation;
12. List of all Functional Failures (FF), Maintenance Preventable Functional Failures (MPFFs), and Repetitive Maintenance Preventable Functional Failures (RMPFFs) for the time frame of the latest periodic evaluation (if not included in periodic evaluation report);
13. List of all Performance Criteria Changes made to MR SSCs for the time frame of the latest periodic evaluation;
14. Copies of Maintenance Rule Quarterly Reviews for the time frame of the latest periodic evaluation (if they are being performed);
15. Copies of System Health Report for **SSCs identified above**;
16. Audit/Self-assessment of the Maintenance Rule Program performed in the last two years;
17. Expert Panel Minutes from January 2003 to April 2006; and
18. Condition Reports/Action Requests (with evaluations and corrective actions) issued for the **systems identified above** for the time period of the latest periodic evaluation.

Enclosure