

August 23, 2001

Mr. R. P. Powers
Senior Vice President
Nuclear Generation Group
American Electric Power Company
500 Circle Drive
Buchanan, MI 49107-1395

Dear Mr. Powers:

On October 1, 2001, the NRC will be performing the required biennial safety system design inspection at your D. C. Cook facility. This inspection will be performed in accordance with the NRC baseline inspection procedure 71111-21. The systems to be reviewed during this baseline inspection are the component cooling water and essential service water systems.

Experience has shown that the baseline design inspections are extremely resource intensive both for the NRC inspectors and the utility staff. 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 documents have been divided into two groups. The first, which is primarily comprised of lists of information, is necessary in order to ensure the inspection team is adequately prepared for the inspection. This information should be provided to the Regional Office no later than September 12, 2001. The information can be provided electronically (preferred as much as possible), by fax, or by regular mail. Alternatively, the lead inspector can make a short trip to the site to obtain the information. The inspection team will review this information during the week of September 24, 2001, and will request specific items from those lists which need to be available for further review when the team arrives onsite.

The second group of documents requested are those items which the team will need access to during the inspection.

In accordance with 10 CFR 2.790 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 NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/NRC/ADAMS/index.html> (the Public Electronic Reading Room).

R. P. Powers

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The lead inspector for this inspection is Andy Dunlop. If there are any questions about the material requested, or the inspection, please call the lead inspector at 630-829-9726.

Sincerely,

/RA/

John M Jacobson, Chief
Mechanical Engineering Branch
Division of Reactor Safety

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

Enclosure: Initial Document Request

cc w/encl: A. C. Bakken III, Site Vice President
J. Pollock, Plant Manager
M. Rencheck, Vice President, Nuclear Engineering
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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DATE	08/23/01	08/23/01	08/23/01	

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Initial Document Request

I. Information Requested Expeditiously

The following information is requested to be provided as soon as possible, but no later than September 12, 2001. All items requested apply **only** to the component cooling water and essential service water systems.

1. List of analyses that either support or take credit for operation of the system(s). For each analysis, besides the number and title, include the purpose of the calculation, the date, and a technical contact. Clarify any abbreviations or acronyms and give word titles for any numbers (i.e., "CCW to Containment Hydrogen Skimmer Vent Fan #1 Motor Cooler containment isolation valve" rather than "1-CCM-430")
2. List of design changes or modifications performed since plant startup. Similarly, besides the number and title, include the design changes or modification purpose, the date, a technical contact. Spell out abbreviations, or acronyms and give word titles for any numbers
3. List of setpoint changes performed, as far back as retrievable. Provide number, title, date performed, and brief description.
4. List of open temporary modifications, if any.
5. List of condition reports (CRs). Include all open CRs (no matter when initiated) and any closed CRs initiated since October 2000. For each condition report, besides the number and title, provide the status (open/closed), the importance ranking, the date initiated and the date closed (if applicable).
6. List of any engineering-related operator "workarounds"
7. List of operability evaluations as far back as retrievable
8. List of correspondence to or from the NRC relating to commitments or analyses
9. List of maintenance, surveillance, and annunciator response procedures. Include name as well as number. For the surveillance procedures, provide a cross-reference which shows how each technical specification requirement is being met.
10. Piping and instrument drawings (1/2 size) for the component cooling water and essential service water systems
11. Component cooling water and essential service water pump drawings (1/2 size)
12. Functional block diagrams (1/2 size)
13. Electrical schematics (1/2 size)
14. Single line and key diagrams (1/2 size)
15. Normal and abnormal operating procedures
16. System descriptions and design basis documents, if available
17. Risk ranking of major components within the component cooling water and essential service water systems (e.g., ranked by risk achievement worth or similar importance measure)
18. ESRR reports for component cooling water and essential service water systems
19. Name and phone numbers of system and design engineers

II Information Requested to be Available on First Day of Inspection

We request that the following information be available to the team once it arrives onsite. Some documents, such as the UFSAR or TS, do not need to be solely available to the team (i.e., they can be located in a reference library) as long as the team has ready access to them.

1. Updated Final Safety Analysis Report
2. Technical Specifications
3. System procedures
4. Copies of selected* calculations and analyses, modifications, temporary modifications, setpoint changes, operability evaluations, and work-around evaluations and plans for resolution. Include contact point for each item.
5. Copies of selected* condition reports. For open condition reports, include documentation showing what items remain to be done. For closed items, include documentation showing what work was done. If condition reports were closed to other tracking mechanisms, include appropriate documents showing resolution of the issue.
6. Copies of any self-assessments and associated corrective action documents generated in preparation for the inspection
7. Copy of the pre-operational tests, including documents showing resolution of deficiencies
8. IPE/PRA report
9. Vendor manuals for major system components (e.g., pumps, heat exchangers)
10. Standards used in design of systems (such as IEEE, ASME, TEMA)
11. Equipment qualification binders
- 12.. General set of plant drawings
- 13.. Relay logic diagrams
- 14.. Procurement documents for major components in each system (verify retrievable)
15. Relevant operating experience information (such as vendor letters or utility experience)

* Note: the team will make selection of specific documents to review by September 26, 2001