

March 5, 2001

Mr. William O'Connor, Jr.  
Vice President  
Nuclear Generation  
Detroit Edison Company  
6400 North Dixie Highway  
Newport, MI 48166

On April 16, 2001, the NRC will be performing the required biennial safety system design inspection at your Fermi 2 facility. This inspection will be performed in accordance with the NRC baseline inspection procedure 71111-21. The system to be reviewed during this baseline inspection is the residual heat removal system.

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 by no later than March 26, 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 April 2, 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).

The lead inspector for this inspection is Patricia Loughheed. If there are any questions about the material requested, or the inspection, please call the lead inspector at 630-829-9760.

Sincerely,

**/RA/**

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

Docket No. 50-341  
License No. NPF-43

Enclosure: Initial Document Request

cc w/encl: N. Peterson, Director, Nuclear Licensing  
P. Marquardt, Corporate Legal Department  
Compliance Supervisor  
R. Whale, Michigan Public Service Commission  
Michigan Department of Environmental Quality  
Monroe County, Emergency Management Division  
Emergency Management Division  
MI Department of State Police

W. O'Connor

-2-

The lead inspector for this inspection is Patricia Loughheed. If there are any questions about the material requested, or the inspection, please call the lead inspector at 630-829-9760.

Sincerely,

**/RA/**

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

Docket No. 50-341  
License No. NPF-43

Enclosure: Initial Document Request

cc w/encl: N. Peterson, Director, Nuclear Licensing  
P. Marquardt, Corporate Legal Department  
Compliance Supervisor  
R. Whale, Michigan Public Service Commission  
Michigan Department of Environmental Quality  
Monroe County, Emergency Management Division  
Emergency Management Division  
MI Department of State Police

ADAMS Distribution:

CAC  
DFT  
MAS4 (Project Mgr.)  
J. Caldwell, RIII  
B. Clayton, RIII  
DRPIII  
DRSIII  
PLB1  
JRK1  
BAH3

DOCUMENT NAME:C:\FER030501DRS SSDI.wpd

To receive a copy of this document, indicate in the concurrence box "C" = Copy without attach/encl "E" = Copy with attach/encl "N" = No copy

OFFICE	R-III	R-III	R-III	
NAME	PLoughheed:jb	MRing	JJacobson	
DATE	03/05/2001	03/05/2001	03/05/2001	

**OFFICIAL RECORD COPY**

## Initial Document Request

### I. Information Requested Expeditiously

The following information is requested to be provided as soon as possible, but no later than March 26, 2001. All items requested apply **only** to the selected system(s):

#### Residual heat removal system

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., "residual heat removal inner containment isolation valve" rather than "RH-2301-45B").
2. List of design changes or modifications (major & minor) performed since plant startup. Similarly, besides the number and title, include the modification purpose, the date, and a technical contact. Spell out abbreviations, or acronyms and give word titles for any numbers. Include setpoint changes in this listing or provide separately.
3. List of open temporary modifications, if any.
4. List of conditions adverse to quality documents (CARDs). Include all open documents (no matter when initiated) and any closed documents initiated in 2001. 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).
5. List of any engineering-related operator "work-arounds."
6. List of operability evaluations as far back as retrievable. Include both those currently relied upon and those that were previously relied upon for operability.
7. List of maintenance, surveillance, & 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.
8. Piping and instrument drawings (1/2 size)
9. Valve and pump drawings, including head curves (1/2 size)
10. Functional block diagrams (1/2 size)
11. Electrical schematics (1/2 size)
12. Single-line and key diagrams (1/2 size)
13. Normal and abnormal operating procedures
14. System descriptions and design basis documents, if available
15. Name and phone numbers of a technical contact, a regulatory contact, and the design and system engineer(s).

## 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.

16. Updated Final Safety Analysis Report
17. Technical Specifications
18. System procedures
19. Copies of any self-assessments and associated corrective action documents *generated in preparation for the inspection*
20. Copy of the pre-operational tests, including documents showing resolution of deficiencies
21. IPE/PRA report
22. Vendor manuals
23. Equipment qualification binders
24. General set of plant drawings
25. Procurement documents for major components in each system (verify retrievable)
26. Relevant operating experience information (such as vendor letters or utility experience)
27. Standards used in design on system (such as IEEE, ASME, TEMA)
28. Copies of selected\* calculations and analyses. Include contact person for each item.
29. Copies of selected\* modifications, design changes, temporary modifications, and setpoint changes. Include contact person for each item.
30. Copies of selected\* operability evaluations and plans for restoring operability, if applicable. Include contact person for each item.
31. Copies of selected\* work-around evaluations and plans for resolution. Include contact person for each item.
32. Copies of selected\* CARDS. For open CARDS, include documentation showing what items remain to be done. For closed items, include documentation showing what work was done. If CARDS were closed to other tracking mechanisms, include appropriate documents showing resolution of the issue.

\* Note: the team will make selection of specific documents to review by approximately one week prior to the inspection.