

June 13, 1997

Mr. D. R. Gipson
Senior Vice President
Nuclear Generation
Fermi 2 Nuclear Power Plant
The Detroit Edison Company
6400 North Dixie Highway
Newport, MI 48166

SUBJECT: NRC RADIATION PROTECTION INSPECTION REPORT 50-341/97004(DRS)

Dear Mr. Gipson:

On May 16, 1997, the NRC completed an inspection at your Enrico Fermi, Unit 2 facility. The enclosed report presents the results of that inspection.

Areas examined during the inspection are identified in the report. Within these areas, the inspection consisted of a selective examination of procedures and representative records, observations of activities, observations of equipment material condition, and interviews with personnel.

Overall, the radiological controls for the 1996 refueling outage were effective in maintaining the collective dose below the goal established for the outage. Although your staff experienced some equipment, component, and communication problems for refuel floor activities and reactor water cleanup seal replacement work, the radiation protection staff resolved these problems quickly and thereby minimized any additional radiation exposure. The program to handle, store, and transport solid radioactive material was well implemented. The quality control for portable instruments and dosimetry was effective. No violations of NRC requirements were identified.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be placed in the NRC Public Document Room (PDR).



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D. R. Gipson

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We will gladly discuss any questions you have concerning this inspection.

Sincerely,

/s/ J. M. Jacobson (for)

John A. Grobe, Acting Director
Division of Reactor Safety

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

Enclosure: Inspection Report 50-341/97004(DRS)

cc w/encl: N. Peterson, Supervisor of Compliance
P. A. Marquardt, Corporate Legal Department
James R. Padgett, Michigan Public
Service Commission
Michigan Department of Public Health
Monroe County, Emergency Management Division

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Executive Summary

Radiological controls for outage, maintenance, and transportation activities were effective in maintaining a reasonable radiation dose for the work accomplished. The programs for solid radioactive waste management and transportation were well implemented.

- Controls for outage and routine work maintained dose ALARA. (R1.1)
- Post job ALARA reviews and self-assessments were thorough, identifying several issues. (R1.1)
- Training and implementation for new transportation regulations were effective. (R1.4)
- Programs to process, store, classify, and transport solid radioactive waste were successful. (R1.5, R1.6)
- Quality control for radiation detection instrumentation and personnel dosimetry was effective. (R2.1, R7.1)
- Testing for hydrogen water chemistry was well planned and implemented. NRC will continue to monitor the background subtraction for personnel dosimetry. (R4.1)