

Detroit  
Edison

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NRC-96-0028

U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington D.C. 20555

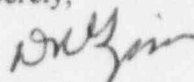
Reference: Fermi 2  
NRC Docket No. 50-341  
NRC License No. NPF-43

Subject: Annual Non-Radiological Environmental Operating Report

Pursuant to Section 5.4.1 of the Environmental Protection Plan, please find attached the 1995 Annual Non-Radiological Environmental Operating Report for Fermi 2.

If there are any questions, please contact Mari J. Jaworsky, Compliance Engineer, at (313) 586-1427.

Sincerely,



Enclosure

cc: T. G. Colburn  
M. J. Jordan  
H. J. Miller  
T. Vogel  
Region III

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## **ANNUAL NON-RADIOLOGICAL ENVIRONMENTAL OPERATING REPORT 1995**

The Environmental Protection Plan (EPP) provides for protection of environmental values during any additional construction and the continued operation of Fermi 2. The principal objectives of the EPP are as follows:

1. Verify that Fermi 2 is operated in an environmentally acceptable manner, as established by the Final Environmental Statement (FES) and environmental impact assessments.
2. Coordinate NRC requirements and maintain consistency with other Federal, State and local requirements for environmental protection.
3. Keep the NRC informed of the environmental effects of facility construction and operation and of actions taken to control those effects.

Environmental concerns identified in the FES which relate to water quality matters are regulated by way of Fermi's National Pollutant Discharge Elimination System (NPDES) permit. As such, water quality issues are not required to be addressed in this report.

The components of the EPP are:

1. A terrestrial monitoring program to detect long-term or sudden changes in vegetation due to operation of Fermi 2.
2. A program to establish the controlled use of herbicides on transmission rights-of-way.
3. A program to ensure that changes to Fermi's design or operation and potential tests or experiments are adequately reviewed prior to implementation to avoid adverse environmental impacts not previously evaluated. Changes in plant design, operation or the performance of tests or experiments which do not effect the environment or which are required to achieve compliance with other Federal, State or local environmental regulations, are not subject to the requirements of this EPP.
4. Routine monitoring for evidence of unusual or important environmental events.

The following describes the plant operations summary and the current status of the programs required by the EPP.

### **PLANT OPERATION SUMMARY**

In 1995, Fermi 2 generated power for over 242 effective full power days and had a net capacity factor of 66.9 percent.

### **TERRESTRIAL MONITORING**

The terrestrial monitoring program required by the EPP was completed in 1994 with the final report submitted in 1995.

## **HERBICIDE CONTROL**

The use of herbicides at Fermi 2 must conform to the approved use of selected herbicides as registered by the Environmental Protection Agency, approved by State authorities, and applied in accordance with State requirements.

Records are maintained at the site concerning herbicide use. These records include the following information: commercial and chemical names of material used; concentration of active material in formulations diluted for field use; diluting substances other than water; rates of application; method and frequency of application; location; and date of application. Only Roundup and All American 25-3-3 Weed and Feed were used at Fermi 2 in 1995.

## **DESIGN OR OPERATIONS CHANGES IMPACTING ENVIRONMENT**

Before engaging in additional construction or operational activities which might affect the environment, Fermi 2 must prepare and record an environmental evaluation of such activity. If the evaluation should indicate that the proposed activity would involve an unreviewed environmental question, Detroit Edison must provide a written evaluation of the activity and obtain prior approval from the Director, Office of Nuclear Reactor Regulation. Activities are excluded from this requirement if all measurable, non-radiological effects are confined to the on-site areas previously disturbed during site preparation and plant construction.

During the period covered by this report, there were no changes to station design which would have created an unreviewed environmental question. One design change which had the potential for changing the gaseous activity from the reactor building ventilation stack was a modification for implementation of Hydrogen Water Chemistry. However, the safety evaluation performed for the modification showed that no unreviewed environmental issues existed.

## **UNUSUAL OR IMPORTANT ENVIRONMENTAL EVENTS**

Any unusual occurrence or important event which indicates, or could result in, significant environmental impact causally related to plant operation must be reported to the NRC within 24 hours followed by a written report. The following are considered examples of unusual or important environmental events: excessive bird impaction events, onsite plant or animal disease outbreaks, mortality or unusual occurrence of any species protected by the Endangered Species Act, fish kills, and an increase in nuisance organisms or conditions.

No unusual or important environmental events occurred during 1995. Accordingly, no non-routine reports were submitted.