

U.S. NUCLEAR REGULATORY COMMISSION
OFFICE OF INSPECTION AND ENFORCEMENT

REGION III

Report No. 50-341/80-14

Docket No. 50-341

License No. CPPR-87

Licensee: Detroit Edison Company
2000 Second Avenue
Detroit, MI 48226

Facility Name: Enrico Fermi Nuclear Power Station, Unit 2

Inspection At: Fermi Site, Monroe, MI

Inspection Conducted: August 1-31, 1980

Inspectors: *W.S. Little*
B. H. Little

W.S. Little
P. M. Byron

Approved By: *W.S. Little*
W. S. Little, Chief
Projects Section 2

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Inspection Summary

Inspection on August 1-31, 1980 (Report No. 50-341/80-14)

Areas Inspected: Routine, resident inspector, preoperational inspection consisting of a review of licensee action on previous inspection findings IE Bulletin and Circular Followup, and plant tours. The inspection involved a total of 82 inspector-hours onsite by two NRC inspectors including 10 inspector-hours onsite during off-shifts.

Results: No items of noncompliance or deviations were identified.

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DETAILS

1. Persons Contacted

*T. A. Alessi, Project QA Director
T. Byrd, Project QA Section Supervisor
J. A. Cartmill, Assistant Project Superintendent
*W. M. Everett, Project Superintendent
*W. Fahrner, Manager Fermi 2 Project
J. Gessner, Assistant Project QA Director
A. Knaus, Director of Employee Training
R. Lenart, Assistant Plant Superintendent
A. Orlando, QA Supervisor Engineering and Operations
H. Walker, Project QA Section Supervisor
*W. W. White, Plant Superintendent

*Denotes those attending monthly exit meeting.

2. Licensee Action on Previous Inspection Findings

(Closed) Unresolved Item (341/79-23-01): Personnel Qualifications. The qualifications of plant instrument and control personnel conform to those committed to in FSAR Appendix A and I & C Administrative Procedure 41.000.04 (Qualification Program). Revision 8 to the Startup Manual, (August, 1980), resolves the conflict that existed between the Startup Manual and the personnel qualifications committed to in the FSAR.

(Open) Unresolved Item (341/80-10-02) Control and Storage of Electrical Measuring and Test Equipment. The action taken by the Startup Group appears adequate to correct the deficiencies identified in this matter. Followup review by the inspector identified additional concerns with regard to management control systems. Specific concerns are, non-application of formal QA/Administrative Controls and "review process." These findings were discussed with and acknowledged by licensee management. Final inspector review is pending licensee response and final 10 CFR 50.55(e) report.

No items of noncompliance or deviations were identified.

3. IE Bulletin and Circular Followup

The inspector verified that IE Bulletins issued during this report period which require licensee action have been received by the licensee. Bulletins in this category are: IE Bulletin 80-19 Rev. 1.

Licensee action on IE Bulletins during this report period: Edison letters to IE requesting that the reporting date for IE Bulletins 79-03A and 80-16 be extended to September 15, 1980 and October 1, 1980, respectively.

Inspector followup and close out of these matters will be documented in subsequent resident monthly inspection reports.

No items of noncompliance or deviations were identified.

4. Plant Tours

The inspector conducted frequent tours of the Residual Heat Removal Complex, the Reactor, Turbine, and Auxiliary Buildings. Visual observations of these areas were performed to verify licensee conformance to requirements established under 10 CFR 50 and to FSAR commitments with regard to the maintenance of safety system integrity, housekeeping and cleanliness. During the course of the inspection deficient practices and conditions were observed. In general, conditions were found to be adequate throughout the plant except for conditions within the drywell. These deficiencies presented both immediate and potential threat to the integrity of safety systems and fire protection prevention and are so categorized:

a. Safety System Integrity

- (1) Unprotected system openings in control rod drive, safety relief, residual heat removal and instrument systems.
- (2) Accumulation of debris in cable trays in the cable spreading room.
- (3) Food stuff in drywell areas. (potential rodent and chloride problem).
- (4) Deterioration of protective Herculite covering of valves and equipment in the drywell area.
- (5) Housekeeping/cleanliness in the drywell, an excessive accumulation of paper, rags, wood, metal, and food scraps existed throughout the drywell, greatest accumulation was in the lower level areas being subjected to falling slag and sparks.

b. Fire Protection/Prevention

- (1) Potential fire hazard from drywell housekeeping conditions described above.
- (2) Control of CO_2 and dry chemical fire extinguishers in the drywell; extinguishers left upright and unsecured on walkways and scaffolding and with valve pins or seals (tape) removed.
- (3) Ongoing welding and grinding activities without benefit of fire watched and/or adequately stationed fire watches (in areas of falling slag or sparks in drywell).

These deficiencies were discussed during weekly inspector/licensee meetings, wherein the licensee acknowledged and committed to prompt corrective action. Subsequent inspection by the inspector verified that the deficiencies were being corrected and that adequate housekeeping in the drywell had been re-established.

Inspector's review of causal factors had not been completed, however, apparent weaknesses exist in the licensee quality assurance "surveillance" program with regard to housekeeping, i.e., lack of specific surveillance procedures to ensure day-by-day compliance by site contractors. The present surveillance practices have not been effective in preventing development of conditions observed. This matter is assigned open Item Number 341/80-14-01.

No items of noncompliance or deviations were identified.

5. Exit Interview

The inspector met with licensee representatives (denoted in Paragraph 1) at the conclusion of the inspection period. The inspector summarized the scope of the inspection findings. With respect to paragraph 4 findings, the licensee acknowledged these findings and agreed to evaluate procedures and practices in this area.