

JAN 5 1990

Docket No. 50-341

The Detroit Edison Company
ATTN: B. Ralph Sylvia
Senior Vice President
Nuclear Operations
6400 North Dixie Highway
Newport, MI 48166

Gentlemen:

This refers to the routine safety inspection conducted by Ms. V. P. Loughheed of this office on October 30 through December 18, 1989, of activities at Fermi Nuclear Power Station, Unit 2, as authorized by NRC Operating License No. NPF-43, and to the discussion of our findings with Mr. B. Sheffel and other members of your staff at the conclusion of the inspection.

The purpose of this inspection was to review and witness activities dealing with the performance of your first periodic containment integrated leak rate test and local containment penetration leak rate testing. Within these areas, the inspection consisted of a selective examination of procedures and representative records, observations, and interviews with personnel as well as independent computation of your leakage results.

The results of this inspection indicate that you have failed the periodic integrated leak rate test due to excessive as-found penetration leakage. Although the periodic test result is overwhelmingly dominated by the main steam isolation valve (MSIV) leakages, it should be noted that the test would have failed even if the MSIVs had been removed from the as-found leakage penalty. Since your as-left test results are below the 10 CFR 50 Appendix J requirement and since Appendix J allows for an as-found failure, no additional actions are necessary on your part in regard to the periodic test.

We consider the modification performed on the four in-board MSIVs to be a positive step in an effort to reduce your local penetration leakage. However, it appears that additional effort is necessary on your part with regard to the other containment isolation valve leakages. This is based on the periodic test results and the fact that the local penetration results (Type B & C testing) have exceeded the appendix J requirements for the last two outages. We will continue to monitor your results for the local penetration tests.

No violations of NRC requirements were identified during the course of this inspection.

In accordance with 10 CFR 2.790 of the Commission's regulations, a copy of this letter and the enclosed inspection report will be placed in the NRC Public Document Room.

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

Sincerely,

ORIGINAL SIGNED BY GEOFFREY C. WRIGHT

Geoffrey C. Wright, Chief
Operations Branch

Enclosure: Inspection
Report No. 50-341/89028(DRS)

cc w/enclosure:
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Monroe County Office of
Civil Preparedness

PL/acs
RIII

Lougheed/cg

"Yes"
RIII
for
Phillips
01/05/90

yo
RIII
RNO
DeFayette
1/5/90

RIII
(W)
Wright
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