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January 29, 1988
NRC-88-0022

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

- References: 1) Fermi 2
NRC License NPF-43
NRC Docket 50-341
- 2) NRC letter, "Fermi 2 System Leakage Reduction Test Results (TMI Action Item III.D.1.1)," dated December 21, 1987

Subject: System Leakage Reduction Program Summary Report

Enclosed is the System Leakage Reduction Program Summary Report. The report summarizes the initial test results for all systems covered by the program. The System Leakage Reduction Program is a requirement of Fermi 2 Technical Specification 6.8.5.a and is described in UFSAR Section 5.2.7.8.

Reference 2 indicates that final test procedures and acceptance criteria would be needed for the NRC to complete their review of the Leakage Reduction Program Test Results. The test methods used are described in UFSAR Section 5.2.7.8.2, in the system reports previously submitted and in the enclosed summary report. Discussions with the NRC staff have indicated that the information in this form would allow the NRC review to proceed.

The purpose of these initial leakage reduction tests is to establish baseline values of attainable system leakage. An allowance for a reasonable increase in system leakage was added to these values to determine an acceptance criteria for the performance of these tests during the first operating cycle. As described in the Program Description (UFSAR Section 5.2.7.8.1), these test results and other experience gained during Fermi 2's first operating cycle will be utilized to develop specific acceptance criteria for the long-term Leakage Reduction Program prior to the start of the second fuel cycle. Thus, the nature of these initial leakage reduction tests do not lend themselves to specific acceptance criteria. Detroit Edison believes that the tests have accomplished their purpose by

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establishing baseline as-low-as-practical leakage values and reasonable leakage limits for the first fuel cycle.

If you have any questions regarding this matter, please contact Mr. Glen Ohlemacher at (313) 586-4275.

Sincerely,



Enclosure

cc: A. B. Davis
E. G. Greenman
T. R. Quay
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