Detroit Edison
2000 Second Avenue
Detroit, Michigan 48226
(313) 237-8000

June 10, 1981
EF2 - 53,516

Mr. L. L. Kintner
Division of Project Management
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Kintner:

Reference: Enrico Fermi Atomic Power Plant, Unit 2
NRC Docket No. 50-341

Subject: Response to Verbal Question,
John Lane, June 3, 1981

Please find attached Detroit Edison's response to Mr. Lane's question on the SGTS test description listed in FSAR Chapter 14. The FSAR will be amended as indicated.

Sincerely,

W. F. Colbert

W. F. Colbert
Technical Director
Fermi 2 Project

WFC/RMB:jl
Attachment

cc: Mr. B. Little

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ATTACHMENT
EF2-53516

Question - John Lane, June 3, 1981

1. SGTS test description listed in FSAR Chapter 14 must measure the draw down and the in leakage amount. The FSAR should be revised to make this commitment.

Response

Following a postulated loss-of-coolant accident, the pressure in the secondary containment could increase due to inleakage, air expansion due to equipment heat and the starting time of the SGTS. Analysis which considers the above phenomenon has been performed. The results of this analysis show that approximately six (6) minutes after the loss-of-coolant accident, the secondary containment pressure is returned to a -.025 inches of water gauge with respect to atmosphere. Operation of only one of the two redundant SGTS trains, at a design flow of 3000 CFM, was assumed in this analysis.

FSAR section 14.1.3.2.47.d ~~has been~~ will be revised as follows:

14.1.3.2.47.d Acceptance Criteria.

3. Each SGTS is capable of developing and maintaining the secondary containment at a negative pressure of ¼ inch water gauge with respect to atmosphere. This pressure differential is obtainable for the design bases conditions with the SGTS design flow of 3000 CFM.

4. Each SGTS is capable of a draw down time equal to or less than that calculated for the design bases conditions.

JRG/slm 6/9/81