

**Detroit
Edison**

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NRC-89-0240

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

- References:
- 1) Fermi 2
NRC Docket No. 50-341
NRC License No. NPF-43
 - 2) NRC letter dated October 10, 1989
 - 3) Detroit Edison Letter, NRC-89-0140,
dated June 15, 1989
 - 4) Detroit Edison Letter, NRC-88-0113,
dated April 20, 1988

Subject: Anticipated Transient Without Scram (ATWS)

Detroit Edison has reviewed the NRC Safety Evaluation Report (SER) on Fermi 2 compliance with the ATWS rule that was contained in Reference 2. The purpose of this letter is to clarify information contained in Section 4.13. The information described in the SER regarding the modification installed during the first refueling outage is correct. Alternate Rod Insertion (ARI)/Recirculation Pump Trip (RPT) initiation alarms were installed on a divisional basis. The alarm will actuate after the level or pressure channels trip or if the systems are manually initiated. An additional alarm has been provided for the armed position of the ARI/RPT manual initiation switches. The NRC staff found this design acceptable.

The information regarding the modification was obtained from Reference 3, which was the Detroit Edison report on how the Fermi 2 ARI and RPT systems will meet the ATWS rule. This letter stated that it superceded the information provided in Reference 4.

Section 4.13 of the SER also mentions that the licensee stated that the low level and high pressure trips are alarmed in the control room and that the NRC staff concluded that this information was not adequate. This information was contained in Reference 4, but was not totally accurate. The configuration was that there was one alarm window that would annunciate if an ATWS trip occurred due to either low level or high pressure.

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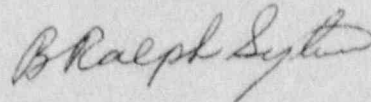
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Reference 3 superceded Reference 4 due to inaccuracies and inadequacies that have previously been discussed. Since the NRC determined system acceptability based on the information provided in Reference 3, the conclusions of the Safety Evaluation Report are unchanged.

Ms. Lynne Goodman, Director, Nuclear Licensing at Fermi 2, discussed this situation with Mr. John Stang, NRC Project Manager, who requested that it be documented in a letter.

If there are any questions, please contact Ms. Lynne Goodman at (313) 586-4211.

Sincerely,



cc: A. B. Davis
R. W. Defayette
W. G. Rogers
J. F. Stang