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Docket No. 50-341

November 4, 1980

Dr. Wayne H. Jens
Assistant Vice President
Engineering & Construction
Detroit Edison Company
2000 Second Avenue
Detroit, Michigan 48226

Dear Dr. Jens:

SUBJECT: REQUESTS FOR ADDITIONAL INFORMATION IN FERMI 2 FSAR

As a result of our continuing review of the Final Safety Analysis Report (FSAR) for the Enrico Fermi Atomic Power Plant Unit 2, we have developed the enclosed requests for additional information.

Please amend your FSAR to comply with the enclosed requests. Our review schedule is based on the assumption that the additional information will be available for our review by December 30, 1980. If you cannot meet this date, please inform us within 7 days after receipt of this letter so that we may revise our scheduling.

Sincerely,

Original signed by
Robert L. Tedesco

Robert L. Tedesco, Assistant Director
for Licensing
Division of Licensing

Enclosure:
Requests for Additional
Information

cc w/enclosure:
See next page

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OFFICE	LB #2/DL	LB #2/DL	A/D:L:DL			
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DATE	11/03/80	11/03/80	11/3/80			

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ENCLOSURE

REQUESTS FOR ADDITIONAL INFORMATION

ENRICO FERMI ATOMIC POWER PLANT UNIT 2

DOCKET NO. 50-341

Requests by the following branch in NRC are included in this enclosure. Requests and pages are numbered sequentially with respect to previously transmitted requests.

Branch	Page No.
Chemical Engineering Branch	281-1

281.0 CHEMICAL ENGINEERING BRANCH - CHEMICAL TECHNOLOGY

281.1 Section 9.1.3., Amendment 2 and Appendix 9C, Amendment 13 of the FSAR do not indicate any proposed modification to the Spent Fuel Pool Cooling and Cleanup System (SFPCCS) in conjunction with the proposed modifications for high-density spent fuel storage. Describe what changes, if any, will be made to the SFPCCS to maintain the level of pool water purity with respect to visual clarity and activated corrosion and fission product buildup the same as for the original spent fuel storage capacity. Assume that the number of defective fuel assemblies increase in proportion to the increased spent fuel storage capacity. If no changes to the SFPCCS are to be made, indicate how the same level of pool water purity will be maintained.

281.2 Describe the samples and instrument readings and their frequency of measurement that will be performed to monitor the water purity and need for demineralizer resin replacement. State the chemical and radiochemical limits to be used in monitoring the spent fuel pool water and initiating corrective action. Provide the basis for establishing these limits. Your response should consider variables such as: conductivity, gross gamma and iodine activity, demineralizer, differential pressure, pH and crud level.