

Mr. Douglas R. Gipson  
Senior Vice President  
Nuclear Generation  
Detroit Edison Company  
6400 North Dixie Highway  
Newport, Michigan 48166

October 25, 1996

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION RELATED TO THE CONTROL COMPLEX  
HEATING, VENTILATING, AND AIR CONDITIONING SYSTEM AT FERMI 2

Dear Mr. Gipson:

On September 13, 1996, Detroit Edison submitted the Summary Status Report for the Fermi 2 control complex heating, ventilating, and air conditioning (CCHVAC) system duct and duct support structural qualification activities for NRC staff review. Additional information, as discussed in the enclosure, is requested in order for the staff to complete its review. We request that you respond within 30 days.

If you have any questions concerning this request, please contact me at (301) 415-2828.

Sincerely,

Original signed by: Linda Gundrum for

Andrew J. Kugler, Project Manager  
Project Directorate III-1  
Division of Reactor Projects - III/IV  
Office of Nuclear Reactor Regulation

Docket No. 50-341

Enclosure: As stated

cc w/encl: See next page

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Mr. Douglas R. Gipson  
Detroit Edison Company

Fermi-2

cc:

John Flynn, Esquire  
Senior Attorney  
Detroit Edison Company  
2000 Second Avenue  
Detroit, Michigan 48226

Drinking Water and Radiological  
Protection Division  
Michigan Department of  
Environmental Quality  
3423 N. Martin Luther King Jr Blvd  
P. O. Box 30630 CPH Mailroom  
Lansing, Michigan 48909-8130

U.S. Nuclear Regulatory Commission  
Resident Inspector's Office  
6450 W. Dixie Highway  
Newport, Michigan 48166

Monroe County Emergency Management  
Division  
963 South Raisinville  
Monroe, Michigan 48161

Regional Administrator, Region III  
U.S. Nuclear Regulatory Commission  
801 Warrenville Road  
Lisle, Illinois 60532-4351

Peter W. Smith  
Director, Nuclear Licensing  
Detroit Edison Company  
Fermi-2 - 270 TAC  
6400 North Dixie Highway  
Newport, Michigan 48166

REQUEST FOR ADDITIONAL INFORMATION RELATED TO  
THE CONTROL COMPLEX HEATING, VENTILATING, AND  
AIR CONDITIONING SYSTEM AT FERMI 2

Provide the following information for NRC staff review:

1. the detailed evaluation and results of the reanalysis of the highest stressed ducts in systems 2843-3, 4316-1, 4316-6, and 4316-7 (reference previous NRC Concern No. 3<sup>1</sup>),
2. the detailed evaluation and results for the 20x16 duct in system 2849-1 and the 7x24 duct in system 2848-1-1B discussed in previous NRC Concern No. 15<sup>1</sup>,
3. the detailed evaluation of duct system 2850-2 (reference previous NRC Concern No. 18<sup>1</sup>),
4. a detailed summary of the three-dimensional finite element large displacement analyses of straight rectangular duct segment and transition segments under internal pressure, and
5. a detailed description of all structural modifications required to meet the criteria of the CCHVAC structural qualification evaluations.

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<sup>1</sup> The referenced concerns were provided in the Safety Evaluation in the December 7, 1995, letter from Timothy Colburn to Mr. Douglas R. Gipson.

ENCLOSURE