



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

JUN 8 1981

Docket No. 50-341

MEMORANDUM FOR: B. J. Youngblood, Chief, Licensing Branch No. 1, DL  
FROM: L. L. Kintner, Project Manager, Licensing Branch No. 1, DL  
SUBJECT: MEETING WITH DETROIT EDISON REGARDING THE REVIEW OF THE  
FERMI 2 APPLICATION FOR AN OPERATING LICENSE\*

DATE AND TIME: June 23 - 25, 1981  
9:00 am

LOCATION: Fermi 2 Plant  
Monroe, Michigan

PURPOSE: To review design and view installation of selected  
safety-related electrical equipment. (Agenda attached).

PARTICIPANTS: Detroit Edison Company  
L. Schuerman, W. Fahrner, J. Honkala, W. Colbert  
NRC Staff  
Robert Fitzpatrick, A. Saeed

A handwritten signature in cursive script that reads "L. L. Kintner".

L. L. Kintner, Project Manager  
Licensing Branch No. 1  
Division of Licensing

Attachment

cc: See next page

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\* This meeting notice supersedes the notice dated  
May 6, 1981

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Mr. Harry Tauber  
Vice President  
Engineering & Construction  
Detroit Edison Company  
2000 Second Avenue  
Detroit, Michigan 48226

cc: Eugene B. Thomas, Jr., Esq.  
LeBoeuf, Lamb, Leiby & MacRae  
1333 New Hampshire Avenue, N. W.  
Washington, D. C. 20036

Peter A. Marquardt, Esq.  
Co-Counsel  
The Detroit Edison Company  
2000 Second Avenue  
Detroit, Michigan 48226

Mr. William J. Fahrner  
Project Manager - Fermi 2  
The Detroit Edison Company  
2000 Second Avenue  
Detroit, Michigan 48226

Mr. Larry E. Schuerman  
Detroit Edison Company  
3331 West Big Beaver Road  
Troy, Michigan 48084

David E. Howell, Esq.  
21916 John R  
Hazel Park, Michigan 48036

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

Dr. Wayne Jens  
Detroit Edison Company  
2000 Second Avenue  
Detroit, Michigan 48226

## AGENDA FOR SITE VISIT - POWER SYSTEMS

1. Preliminary Discussions
  - a. Unresolved items (degraded grid voltage)
  - b. Plant layout for touring
  
2. Control Room
  - a. General layout
  - b. Diesel control board
  - c. Cabling in control room (separation, loading, etc.)
  - d. Engineered safety feature initiation and bypass switch arrangements and status panels.
  - e. Power system control and mimic panel
  - f. D.C. system monitoring and alarms
  
3. Cable Runs and Cable Spreading Area
  - a. General layout
  - b. Degree of separation
  - c. Diverse wiring
  - d. Tray or wireway density (percentage fill).
  - e. Penetrations and cable terminations.
  - f. Identification of cables and raceways
  
4. Switchgear Rooms
  - a. General layout
  - b. Physical and electrical separation of redundant units
  - c. Potential for damage due to fire, missiles, etc.

d. Cable installation

5. Battery and Charger Installations

- a. General layout
- b. Physical and electrical separation
- c. Potential for damage due to fire, missiles, etc.
- d. Ventilation independence
- e. Monitoring instrumentation, and alarms

6. Diesel Generators

- a. General layout
- b. Physical and electrical separation of redundant units
- c. Fuel supply system
- d. Diesel generator local control panel(s) and instruments and controls

7. Switchyard

- a. General layout
- b. Physical and electrical separation of transmission circuits, buses, breakers, and control circuits
- c. Relay house
- d. Control power supplies (AC and DC)
- e. Potential for damage due to fire, flooding, missiles, etc.

8. Reactor Building
  - a. General layout
  - b. Potential for cable damage due to fire, missiles, pipe breaks, etc.
  - c. Separation of piping and cable to redundant equipment
  
9. Shutdown Outside Control Room
  - a. Remote shutdown panels arrangement, separation, and layout
  - b. potential for damage due to fire, missiles, etc.
  - c. identification of control and monitoring equipment
  
10. Relay Room
  - a. General layout
  - b. Nuclear and reactor protection instrument cabinet arrangement, separation, and identification
  - c. Potential for damage due to fire, missiles, etc.
  
11. ESF Systems and Pump Rooms
  - a. General layout
  - b. Physical and electrical separation of redundant equipment
  - c. Potential for damage due to fire, missiles, etc.
  - d. Cable and raceway layout
  - e. Identification of cables, raceways, and equipment

12. Vital Instrumentation Power Supply Installation
  - a. General layout
  - b. Physical and electrical separation
  - c. Potential for damage from fire, missiles, etc.
  - d. Monitoring instrumentation
  - e. cable and raceway layout
  - f. Identification of cables, raceways, and equipment

MEETING NOTICE DISTRIBUTION

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J. Stoli  
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A. Thadani  
ACRS (16)  
Attorney, OELD  
OIE (3)  
OSD (7)  
Project Manager L. Kintner  
Licensing Assistant M. Rushbrook  
Receptionist

J. LeDoux, I&E  
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I&E Headquarters  
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NRC Participants:

R. Fitzpatrick  
A. Saeed

bcc: Applicant & Service List