

MAY 26 1988.

Docket No. 50-341

The Detroit Edison Company  
ATTN: Mr. Thomas Randazzo  
Director of Regulatory  
Affairs  
6400 North Dixie Highway  
Newport, MI 48166

Gentlemen:

SUBJECT: REQUEST FOR COST ESTIMATE TO INSTALL ADDITIONAL CIRCUITRY AT THE  
FERMI 2 NUCLEAR POWER PLANT'S EOF AND PERMISSION TO USE SITE  
PROPERTY FOR CONTINGENCY TELECOMMUNICATIONS

A communications survey was conducted on February 19, 1987, at the Fermi 2 facility by an NRC contractor representative. Based upon this survey, NRC Region III would like to make arrangements for the installation of contingency telecommunication equipment at the Fermi 2 site.

These arrangements consist of obtaining Detroit Edison Company's cost estimate of installing additional telephone circuits in the Emergency Operations Facility (EOF), and formalized permission to use space on the station Meteorological Tower and the EOF roof as described below. The circuits and antenna locations are essential elements of our emergency telecommunications plan for the Fermi 2 site. It should be noted that, with the exception of the equipment installations described below, communications equipment will only be installed at the communications sites in the event of an actual emergency or NRC participation drill, and will be removed immediately at the termination of the emergency or drill.

We are seeking Detroit Edison Company's cost estimate for labor and material to accomplish the following tasks:

1. Establish two DC control pairs from the NRC room in the EOF to the penthouse level of the Nuclear Operations Center. These lines should be terminated at both ends with WE-742 connectors and should be marked for "NRC Emergency Use Only". The terminal blocks can be located at any convenient place in the designated areas.
2. Reserve space between the 140 and 160 foot levels of the Meteorological tower for use as an emergency repeater site.

Following acceptance of your estimate, NRC Region III will issue the necessary purchase order. Work should not commence prior to receipt of the purchase order.

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The Detroit Edison Company

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In addition, a test of our equipment has been made for radio frequency intermodulation products and any frequency NRC might generate that would interfere with your communication system has been removed from consideration for use at the Fermi 2 plant.

If you should have any questions regarding the above, please feel free to contact Ruth LaFreniere (312) 790-5577 of my staff.

Enclosed for your information are the frequencies that the NRC equipment may use at your site. We appreciate your assistance in this matter.

Sincerely,

Charles E. Norelius, Director  
Division of Radiation Safety  
and Safeguards

Enclosure: Transmitter Frequencies

cc w/enclosure:  
Senior Resident Inspector,  
Fermi 2

cc w/o enclosure:  
G. Zech, OIE  
S. Cohen, TB  
D. Herman, BIFC

RIII <sup>yes</sup>  
P.L.  
LaFreniere/asp  
05/25/88

RIII  
GYS  
Shear  
5/25/88

RIII  
1065  
Snell  
5/25/88

RIII  
KAC for  
Cooper  
5/25/88

RIII  
Shafer  
5/25/88

4/7  
RIII  
Norelius  
5/25/88

ENCLOSURE

EOF TRANSMITTER FREQUENCIES

166.725	168.550	411.750
166.775	169.350	411.925
168.250	169.100	412.150
168.400	165.6625	412.200
166.6125	169.100	417.300
167.100	165.6625	417.350
169.750	417.500	

MICROWAVE TOWER REPEATER SITE

Transmit	Receive	Transmit	Receive
168.400	166.6125	411.750	417.300
167.100	169.750	411.925	417.350
169.350	166.725	412.150	417.500
		412.200	417.800

All power levels will be at 6 watts or less.