



UNITED STATES
 NUCLEAR REGULATORY COMMISSION
 REGION III
 799 ROOSEVELT ROAD
 GLEN ELLYN, ILLINOIS 60137

JUL 2 1980

Docket No. 50-341

The Detroit Edison Company
 ATTN: Mr. Edward Hines, Assistant
 Vice President and Manager
 Quality Assurance
 2000 Second Avenue
 Detroit, MI 48226

Gentlemen:

Thank you for your final report dated July 3, 1980, pursuant to 10 CFR 50.55(e) regarding termination to receptacles for main control room panels. We will complete our review of this matter during a future inspection.

Your cooperation with us is appreciated.

Sincerely,

Gaston Fiorelli

Gaston Fiorelli, Chief
 Reactor Construction and
 Engineering Support Branch

cc: Director, RCI/II
 Director, AEQD
 Chief, OEB/MPA
 IE Files

cc w/ltr dtd 7/3/80:
 Central Files
 PDR
 Local PDR
 NSIC
 Ronald Callen, Michigan Public
 Service Commission
 Eugene B. Thomas, Jr.,
 Attorney

8008010071

Detroit
Edison

2000 Second Avenue
Detroit, Michigan 48226
(313) 237-8000

July 3, 1980
EF2-49,017

Mr. James C. Keppler
Regional Director
Directorate of Regulatory Operations
Region III
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

50-341

Subject: Final Report on 10CFR50.55(e) Item on Terminations to Receptacles
for Main Control Room Panels.

Dear Mr. Keppler:

This letter is submitted as Detroit Edison's final report on the 10CFR50.55(e) item concerning problems with terminations to receptacles in the Main Control Room Panels 601, 602, and 603 at the Fermi 2 Site.

The problem was initially reported by Mr. H.A. Walker of the Detroit Edison Quality Assurance Department, to Mr. P.A. Barrett, of NRC-Region III, during a NRC On-Site inspection. It had been noted at that time by Start-Up, that a number of wire connections to the terminations on the receptacles of some G.E. supplied panels appeared to be loose. Subsequent investigation revealed that both the number 20 and number 16 wire used in the panels were involved. In addition to this, a problem was noted in the cutting and breaking of strands in the number 16 wire.

G.E. has completed their investigation and have concluded that retermination of the wires is required to insure proper operation of the panels. The apparent cause of the problems was improper crimping. G.E. has processed a Field Deviation Disposition Request (FDDR), whose disposition authorizes the work required to reterminate the #16 and #20 AWG wire terminations on Panels 601, 602 and 603. The procedure for rework is a part of this FDDR and includes qualification tests for operators, and daily calibration inspections of the crimping tools. Pull tests will be performed to assure satisfactory crimps. The rework is scheduled to begin on July 7, 1980.

If you have any questions regarding this matter, please contact Mr. H.A. Walker, Supervisor - Construction Quality Assurance.

Sincerely,

W.J. Fahrner / wa

W.J. Fahrner, Manager
Enrico Fermi 2

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WJF/HAW/pn

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Mr. James C. Keppler
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July 3, 1980
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cc: Mr. Victor Stello, Jr., Director
Office of Inspection and Enforcement
Division of Reactor Inspection Programs
U.S. Nuclear Regulatory Commission
Washington D.C. 20555

Mr. Bruce Little, Resident Inspector
U.S. Nuclear Regulatory Commission
Resident Inspectors Office
6450 North Dixie Highway
Newport, Michigan 48166