Detroit Edison
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June 29, 1981
EF2 -53,897

Mr. L. L. Kintner
Division of Project Management
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Kintner:

Reference: Enrico Fermi Atomic Power Plant, Unit 2
NRC Docket No . 50-341

Subject: Fire Protection Review

In response to additional verbal requests by Victor Benaroya on June 26, 1981, the following information is provided:

1. The plastic materials on control panel surfaces are:

   1.1 CMC switch is made of Lexan, Valox and Zytel. There is a small Buna-N gasket between the control panel surface and the face of the switch.

   1.2 Pushbutton front lens is Mil. Spec P5425 finish A or LP-391 Type 2 Grade A. Diffuser is acrylic Mil. Spec P-21105B.

   1.3 Mimic lines are "GRAVOPLY" modified acrylic resin XT 375 manufactured by American Cyanamid, .062 inches thick.

2. The video tape taken of the fire test, which was conducted to show the effect of an external exposure fire on the panel mounted components, is hand-carried by L. E. Schuerman and will be given to you on June 30, 1981.

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3. The cooling air supply for three pair of redundant panels involved in safe shutdown (H11-P601 & P602; P808 & P817; P809 & P810) will be provided from the overhead air conditioning ducts and therefore will not be affected by a control room exposure fure.

4. The fire fighting instructions require dry chemical or CO_2 use on electrical panels. The control room panels are not waterproof design, but the small gasket on the CMC switch and the close fit of the mounting of the pushbuttons is expected to minimize the effects of accidental splashing of small amounts of water.

Sincerely,

W Colbert/EL

W. F. Colbert
Technical Director
Fermi 2 Project

WFC/EL:jl

cc: Mr. B. Little