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AUTH.NAME AUTHOR AFFILIATION
WHITE,L.D. Rochester Gas & Electric Corp.
RECIP.NAME RECIPIENT AFFILIATION
ZIEMANN,D. Operating Reactors Branch 2

SUBJECT: Responds to NRC 790214 fire protection safety evaluation rept requirements for addl info re doors,piping & duct penetrations,prefire strategies & exposed structural steel.

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LEON D. WHITE, JR.
VICE PRESIDENT

TELEPHONE
AREA CODE 716 546-2700

December 18, 1979

Director of Nuclear Reactor Regulation
Attention: Mr. D. Ziemann, Chief
Operating Reactors Branch #2
Division of Operating Reactors
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Re: Fire Protection at R. E. Ginna
Nuclear Power Plant
Docket No. 50-244

Dear Mr. Ziemann:

In the Fire Protection Safety Evaluation Report for Ginna Station which was issued by the NRC on February 14, 1979, requirements were established for the Rochester Gas and Electric Corporation to supply additional information in selected areas and to implement equipment and procedure modifications in other areas. The purpose of this letter is to respond to items 3.1.39, 3.1.5, 3.1.24, 3.1.34, and 3.2.8.

The NRC requested information on the design to be used for the reactor coolant pump oil collection system, item 3.1.39. The Rochester Gas and Electric Corporation will be installing the Westinghouse generic system on the reactor coolant pumps at Ginna Station.

Although substantial progress has been accomplished, the following items will not be completed in December 1979 as scheduled for the reasons described below. Items 3.1.5 (Fire Doors), 3.1.24 (Piping and Duct Penetrations), 3.1.34 (Prefire Strategies), and 3.1.8 (Exposed Structural Steel).

Item 3.1.5 (Fire Doors) requires replacing several existing doors with new fire doors. With the exception of the pass-through between the intermediate building and the service building, all fire doors and frames are at the Ginna site. Most of these doors are installed. The access control area between the service building and the intermediate building is being modified as part of the service building addition necessitating the relocation of these doors. One door opening between the turbine building and the intermediate building is presently constructed of wire mesh for ventilation purposes. This door will be replaced when the

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intermediate building ventilation system modification is complete. Four doors will be installed in conjunction with the turbine building pressure wall. These are the two diesel generator rooms to the turbine building, the relay room to the turbine building, and the control complex mechanical equipment room to the turbine building. With the exception of the ventilation opening, the above doors will be installed prior to June 1, 1980.

Item 3.1.24 (Piping and Duct Penetrations) requires upgrading penetrations to a fire resistance rating commensurate with the fire hazards on both sides of the barriers. Various plant modifications installed after the survey to determine the original scope of work to comply with 3.1.24 has created approximately two hundred new penetration seals to be completed. The scope of work originally contemplated will be completed prior to February 1, 1980 and the additional work will be completed prior to June 1, 1980.

Item 3.1.34 (Prefire Strategies) requires plans to be developed for fire fighting strategies for safety-related and adjacent areas. In preparing these strategies, it has been found that the shutdown analysis must be complete for a given area in order for the fire fighting stategy(ies) for that area to be prepared. Although every effort is being made to closely follow the shutdown analysis with the preparation of the fire fighting strategies, a time delay is occurring that was not originally anticipated and has been agravated by the illness of the responsible plant engineer. Preparation and approval of strategies will be complete by March 31, 1980.

Item 3.2.8 (Exposed Structural Steel) requires a study to show what active and passive systems should be installed to control fires in high fire load areas to prevent structural failures that could jeopardize safe shutdown of the plant. The design of active suppression systems is being done at this time. The results of this design will determined what passive systems should be installed to prevent structural failures. The exposed structural study will be completed by June 1, 1980.

All other items scheduled for completion before the end of 1979 are complete. Items 3.2.1 (Shutdown Analysis) 3.2.2 (Cable Separation), and 3.2.5 (Electrical Cable Penetrations) will be included in a separate submittal before the end of December 1979.

Very truly yours,

L. D. White, Jr.

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