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FACIL:50-244 Robert Emmet Ginna Nuclear Plant, Unit 1, Rochester G 05000244
AUTH.NAME AUTHOR AFFILIATION
WHITE,L.D. Rochester Gas & Electric Corp.
RECIP.NAME RECIPIENT AFFILIATION
ZIEMANN,D.L. Operating Reactors Branch 2

SUBJECT: Responds to Item 3.2.7 of fire protection safety evaluation dtd 790214.Performance tests on two fire pumps conducted on 790516.Presently analyzing test methods & instrumentation.

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LEON D. WHITE, JR.
VICE PRESIDENT

TELEPHONE
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June 29, 1979

REGULATORY DOCKET FILE COPY

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

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

Dear Mr. Ziemann:

In response to item 3.2.7 of the Fire Protection Safety Evaluation dated February 14, 1979, we have run performance tests of the two fire pumps at Ginna Station on May 16, 1979. These tests duplicated tests run in 1969 which were used for comparison purposes.

The diesel driven fire pump showed a slight drop in pressure at the rated 2000 GPM flow. However, the 150% flow rate indicated a loss of pressure that was excessive.

The electric driven fire pump showed a consistently higher drop in pressure at the various flow rates than the diesel driven fire pump. The rated capacity was within acceptable tolerances but it is approaching the limit.

We are in the process of analyzing our test methods and instrumentation to insure optimum conformance to prior tests. Additional tests will be run if we feel there were any errors in instrumentation or methods in the May tests.

Both pumps continue to meet the design requirements as established in the Plant Technical Specifications. However, if the May or any subsequent test is upheld, then because of the loss of pressure which has been experienced, we will pull each of these pumps, one at a time. They will be cleaned, inspected, maintained as necessary, and reset. This work will be done under the direction of the manufacturer's representative.

Upon completion of this work, additional testing will be completed utilizing the installed orifice gage to ensure that the pumps meet acceptable flow and pressure rates.

Very truly yours,

L.D. White, Jr.

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