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FROM Rochester Gas & Elec. Corp. Rochester, N.Y. 14649 L.D. White, Jr.			DATE OF DOC 11-20-75	DATE REC'D 11-25-75	LTR XX	TWX	RPT	OTHER
TO: Mr. R.A. Purple			ORIG 1 signed	CC	OTHER	SENT NRC PDR <u>XX</u>		SENT LOCAL PDR <u>XX</u>
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 1		DOCKET NO: 50-244		

DESCRIPTION: Ltr re our 10-15-75 ltr... furn. info on design bases for the reactor vessel support system at R.E. Ginna Plant.....

ENCLOSURES:

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ACKNOWLEDGED

PLANT NAME: R.E. Ginna Plant

FOR ACTION/INFORMATION DHL 12-1-75.

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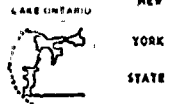
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Regulatory Docket File



ROCHESTER GAS AND ELECTRIC CORPORATION o 89 EAST AVENUE, ROCHESTER, N.Y. 14649

LEON D. WHITE, JR.
VICE PRESIDENT

TELEPHONE
AREA CODE 716 546-2700

November 20, 1975

Director of Nuclear Reactor Regulation
ATTN: Mr. Robert A. Purple, Chief
Operating Reactors Branch #1
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

50-244



Dear Mr. Purple:

This reply is in response to your letter dated October 15, 1975 and received October 22, 1975. We have reviewed the design bases for the reactor vessel support system at R.E. Ginna Nuclear Power Plant. The three dimensional forces developed by our nuclear steam system supplier and given to our architect engineer for the design of the supports included the vessel deadweight and piping reactions which would result from unbroken attached loop piping. Transient effects due to asymmetric differential pressures in the annular region between the vessel and the shield and across the core barrel within the reactor vessel were not considered.

At the time Ginna Station reactor vessel supports were designed, the forces due to the asymmetric pressure in the cavity surrounding the reactor vessel were not understood and thus were not considered. The reactor pressure vessel internals forces also were not calculable at the time of the design of Ginna Station. The methods for the analysis of these asymmetric loads were developed only recently.

This issue is complex. Even quantification of the potential problem requires specific plant analyses involving significant engineering effort. As a result, RG&E will continue discussions with our nuclear steam system supplier to determine an appropriate course of action.

Sincerely yours,

L. D. White, Jr.
L. D. White, Jr.



13371

