



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

LEON D. WHITE, JR.
VICE PRESIDENT

TELEPHONE
AREA CODE 716 546-2700

June 3, 1980

Mr. Boyce H. Grier, Director
U. S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Region I
631 Park Avenue
King of Prussia, Pennsylvania 19406

Subject: IE Bulletin No. 80-05 "Vacuum Condition Resulting in Damage
to Chemical Volume Control System (CVCS) Holdup Tanks"
R. E. Ginna Nuclear Power Plant, Unit #1
Docket No. 50-244

Dear Mr. Grier:

In response to Inspection and Enforcement Bulletin 80-05 dated March 10, 1980, concerning vacuum damage of tanks at Trojan, Rancho Seco, Turkey Point and Salem, all the tanks at Ginna Station that could possibly be valved to receive primary system water were reviewed for the possibility of tank damage due to vacuum conditions. Those reviewed are listed below.

<u>TANK</u>	<u>DESIGN PRESSURE</u>
1. CVCS Hold Up Tanks	15 psi
2. Reactor Coolant Drain Tank (RCDT)	25 psi (inside CV)
3. Volume Control Tank (VCT)	75/15 psi (interior/exterior)
4. Refueling Water Storage Tank (RWST)	Atmospheric (tank is vented & has vacuum breakers)
5. Waste Holdup Tank (WHUT)	Atmospheric (vented)
6. Pressurizer Relief Tank (PRT)	100 psi (inside containment)
7. Boric Acid Storage Tanks (BAST)	Atmospheric (vented)
8. Concentrated Holding Tank (CHT)	Atmospheric (vented)
9. Sodium Hydroxide Tank (NAOHT)	300 psi
10. Safety Injection Accumulators (SIA)	800 psi (inside containment)
11. Spent Resin Storage Tanks (SRST)	100 psi
12. Waste Condensate Tanks (WCT)	Atmospheric (vented)
13. Reactor Makeup Water Tank (RMUWT)	Atmospheric (vented)
14. Monitor Tanks (MT)	Atmospheric (vented)

It was concluded that the CVCS holdup tanks are the only tanks at Ginna Station to which the subject bulletin applies.

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TO Mr. Boyce H. Grier, Director

The possibility of inducing a vacuum condition with inward buckling became well known at Ginna Station following such an event at Beznau, Switzerland in 1970. Measures to prevent this were provided in the procedure S-3.2D, Transferring Water from CVCS HUT's to RWST or SFP. In the history of the plant there have been no such failures.

Nevertheless, we recognize the USNRC concern for the possibility of problems during "abnormal conditions," and we are evaluating the addition of vacuum protection for the CVCS holdup tanks which would satisfy the criteria discussed in the bulletin. We expect the results of our evaluation to be complete by October 1, 1980, and at that time we will advise you of our further plans.

Very truly yours,



L. D. White, Jr.

cc: Mr. Victor Stello, Jr., Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

