





Attachment to LER 79-009/01T-0  
Rochester Gas and Electric Corporation  
R. E. Ginna Nuclear Power Plant, Unit No. 1  
Docket No. 50-244

On April 16, 1979 at approximately 1200 hours the Shift Foreman was notified of the chemical analysis which indicated that the "A" boric acid storage tank contained 12.0 wt.-% boric acid solution and the "B" tank, 11.8%, each tank containing a volume of approximately 1,400 gallons. An orderly load reduction was commenced, and batching operations were initiated to restore the tanks to the required specifications. The tanks were within specifications at 1415 hours that day.

As it was suspected that leakage of reactor makeup water to the boric acid tanks was the cause, operations personnel began an investigation of manual valves which could present such a leakage path, and tightened closed valves which are used to supply reactor makeup water to the boric acid system pumps and tanks. The investigation was renewed after a similar event reported as LER 79-010. To check for the possibility of back flow of reactor makeup water from the reactor makeup water storage tank through the blender and the blender boric acid supply check valve, a manual valve in the boric acid supply line was closed. With this valve closed the tank concentrations remained constant. The tank sampling frequency has been increased to once every twelve hours. The check valve was replaced with a qualified spare.

