

Attachment to LER 83-006/01T-0
Rochester Gas and Electric Corporation
R. E. Ginna Nuclear Power Plant, Unit No. 1
Docket No. 50-244

On January 20, 1983, at approximately 0400, an alarm was received in the Control Room indicating low screen house level. This level is an indication of the water level in the screen house suction bay. An investigation into possible sensing line problems due to the cold temperatures was initiated to verify that the level indication was not a false indication due to instrument problems. The results indicated that the instrument was reading correctly, so a visual inspection was made of the screen house suction bay. This inspection indicated that the water level was low.

Operations started reducing power to less than 50% so that a Circulating Water Pump could be taken out of service. Power was continued to be decreased to approximately 25% at which time an increase in water level was starting. An investigation of the intake tunnel heaters was initiated and it was determined that the heaters whose operating voltage had been reduced to 240 volts from 480 volts as a result of a Station Modification should be returned to 480 volt service. Slowly an increase in the water level in the screen house suction bay was achieved.

During this event the water level decreased below the suction of the Fire Service Water pumps, thereby rendering the Fire Suppression System inoperable.