

ROCHESTER GAS AND ELECTRIC CORPORATION • 57 EAST AVENUE, ROCHESTER, N.Y. 14649

August 10, 1973

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Mr. Donald J. Skovholt
Assistant Director for Operating Reactors
Directorate of Licensing
U.S. Atomic Energy Commission
7920 Norfolk Avenue
Bethesda, Maryland 20014



Subject: R. E. Ginna Nuclear Power Plant, Unit No. 1
Review of radioactive water storage systems
for prevention of overflows
Docket No. 50-244

Dear Mr. Skovholt:

This letter is in response to your letter of June 11, 1973 in which you requested a review of the refueling water storage tank system design, and other liquid tanks which contain radioactivity, for overflow to other than a controlled water pathway to the environs.

At Ginna Station the refueling water storage tank (RWST) overflow is a loop seal which would go to the auxiliary building sump, which pumps to the waste hold-up tank, (21,000 gallon capacity). All other potential overflow paths such as the inspection manway, safety valves or vent, would end up in the waste hold-up tank via the auxiliary building floor drains or the auxiliary building sump system.

The sump pump actuation is alarmed on the main control board and on the plant computer. The waste hold-up tank also has a high level alarm which alarms in the control room, although not directly. It alarms at the waste panel and the waste panel alarms in the control room and an operator is sent to investigate the cause of the alarm. The waste hold-up tank level is also logged by an operator every four hours.

All other tanks containing radioactive fluids are in the controlled area and if they overflowed, would end up in the waste hold-up tank either directly or via the pump system.

The procedures for transferring water to and from the RWST requires operator surveillance when the level is 95 percent full. A high level alarm is being

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FOOTNOTES: SEE PAGE 1 FOR COMMENTS
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installed at this level. All other tanks containing radioactive fluids have high level alarms.

All procedures involving liquid storage tanks have been reviewed, and revisions are being processed for those procedures which required modification to provide for increased operator surveillance.

Very truly yours,

Keith W. Amish
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