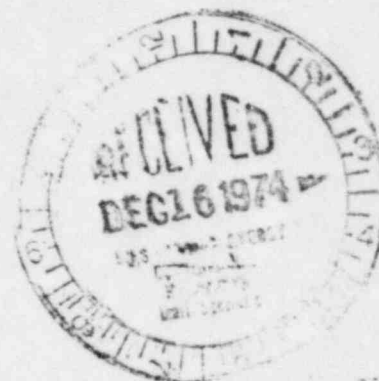


ROCHESTER GAS AND ELECTRIC CORPORATION • 89 EAST AVENUE, ROCHESTER, N.Y. 14649

TELEPHONE
AREA CODE 716 546-2700

Ginna Station
December 11, 1974

Mr. James P. O'Reilly, Director
Directorate of Regulatory Operations
Region I
U. S. Atomic Energy Commission
631 Park Avenue
King of Prussia, Pa. 19406



Subject: Abnormal Occurrence #74-21
Failure of a Level Transmitter on the
12% Boric Acid System
Ginna Station
Docket No. 50-244

Dear Mr. O'Reilly:

At approximately 1145 hours on December 11, 1974, Boric Acid Tank level transmitter LT-171 failed by suddenly dropping to zero level indication. The loss of the transmitter is considered as the loss of a redundant feature in a safety system and is being reported as an Abnormal Occurrence by Technical Specification definition 1.9d.

Each Boric Acid Tank has two level transmitters which send signals to opening circuits of the Boric Acid Tank Outlet Valves (826 A,B,C and D). These valves will open on a S.I. signal, as long as the level transmitter indicate levels greater than 10%. With the loss of LT-171, one part of the opening logic is receiving a closing signal. The opening logic, consists of one out of the two level signals from each tank, will provide a signal to open all four valves. As long as the other transmitter of the Boric Acid Tank with the failed transmitter, operates correctly, 12% Boric Acid would be supplied as required by a S.I. signal.

Very truly yours,

Lee S. Lang

Lee S. Lang
Assistant Superintendent

cc: Mr. J. P. O'Leary, AEC
Mr. G. J. Swarthout, RGE
Mr. L. D. White, Jr., RGE

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