



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

TELEPHONE
AREA CODE 716 546-2700
Ginna Station
December 5, 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 74-19: Failure of Undervoltage Relay During
Monthly Surveillance Test
Ginna Station
Docket #50-244

Dear Mr. O'Reilly:

During the performance of the Monthly Surveillance Procedure PT-9, "Under-voltage and Underfrequency Protection" on December 4, 1974, upon opening the knife switches for the solenoid coil of primary undervoltage device 274/11B, it was discovered that the device armature did not drop down to assume its' de-energized position. As a result of this failure to operate, the Reactor Trip Undervoltage Protection signal was not generated for this relay. The knife switches were immediately opened again, and this second time the relay operated properly. The other three undervoltage relays on the 4160 volt bus were tested and they operated properly.

RG&E Relay Department was contacted and a relay man came to the station to investigate the failure.

A scale accumulation was noted on the armature plunger opposite the area of the upper guide bearing. This accumulation was similar to that reported as abnormal occurrence 73-1 on May 29, 1973. All four undervoltage relays were removed, one at a time, and the scale accumulation was removed and the plunger polished. Upon returning the devices to service, the applicable section of PT-9 procedure was performed to verify operability.

Very truly yours,

Charles E. Platt

Charles E. Platt
Superintendent

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PDR ADDCK 05000244
S PDR

cc: Mr. J. F. O'Leary, AEC
Mr. G. J. Swarthout, RG&E
Mr. L. D. White, Jr. RG&E

50-244
Incident

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