

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

TELEPHONE
AREA CODE 716 546-2700

Ginna Station
July 15, 1977

50-244

Mr. James P. O'Reilly, Director
U. S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Region I
631 Park Avenue
King of Prussia, Pennsylvania 19406

Subject: Reportable Occurrence # 77-10
Redundant Service Water Dis-
charge Line Support Design Error

Dear Mr. O'Reilly:

This is to confirm my phone call to Mr. Donald Haverkamp on July 14, 1977 to report supplemental information regarding Reportable Occurrence # 77-10 at Ginna Station.

Following discovery of this Reportable Occurrence, Gilbert Associates was directed to review the redundant house service discharge line completely. As a result of this review four additional supports (SW-69, SW-73, SW-78, SW-83) could produce, under design basis earthquake conditions, stresses in excess of applicable allowable values as was previously identified for SW-70. We are proceeding to rectify the condition.

Bruce A. Snow
Bruce A. Snow
Assistant Superintendent

BAS:kas

cc: Mr. G. J. Swarthout, RGE Corp.
Mr. L. D. White, Jr., RGE Corp.

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CENTRAL FILES

ROCHESTER GAS AND ELECTRIC CORPORATION • 69 EAST AVENUE, ROCHESTER, N.Y. 14609

TELEPHONE
AREA CODE 716 545-2700

Ginna Station.
July 14, 1977

Mr. James E. O'Reilly, Director
U. S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Region I
631 Park Avenue
King of Prussia, Pennsylvania 19406

50-244

Subject: Reportable Occurrence # 77-10
Redundant Service-Water Dis-
charge Line Support Design Error

Dear Mr. O'Reilly:

This is to confirm my phone call to Mr. Donald Haverkamp on July 13, 1977,
to report Reportable Occurrence #77-10 at Ginna Station.

In accordance with Technical Specification 6.9.2.a.(9), the following is
submitted:

The PSAR requires that the Auxiliary Building Structure be designed and
constructed as a seismic structure (Class I). We installed a redundant
house service water discharge line as a part of the high energy backfit
program. The system was installed in 1975, but has not been charged or
placed in operation. We have been advised by the architect, Gilbert
Associates, that, based on subsequent review and analysis performed by
them the loading transmitted from the piping system to the Auxiliary
Building structure through support SW-70 could produce, under designed
basis earthquake conditions, stresses in excess of applicable allowable
values. We were originally advised of this condition in March 1977. How-
ever, it was assumed that these potential stress values were associated
with the line being charged and in service.

After further analysis, we were advised on July 13 by Gilbert Associates
that this over stress condition could exist with the line not yet charged
or in service.

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Station
14, 1977
Portable Occurrence # 77-10

The line is now in a hold condition, and we are proceeding to rectify the condition.

Bruce A. Snow
Bruce A. Snow
Assistant Superintendent

BAS:kas

cc: Mr. G. J. Swarthout, RG&E Corp.
Mr. L. D. White, Jr., RG&E Corp.