

1455

John T. St. Martin
@ 716-771-3641

R



ROCHESTER GAS AND ELECTRIC CORPORATION • 89 EAST AVENUE, ROCHESTER, N.Y. 14649-0001

JOSEPH A. WIDAY
Plant Manager
Genoa Nuclear Plant

TELEPHONE
AREA CODE: 716 546-2700

August 28, 1995

U.S. Nuclear Regulatory Commission
Operations Center
Facsimile Number 301-816-5151
Telephone Number 301-816-5100

Subject: Initial Notification of 10 CFR Part 21 Defect
R.E. Ginna Nuclear Power Plant
Docket No. 50-244

In accordance with 10 CFR Part 21, Reporting of Defects and Noncompliance, Section 21 (c) (3) (i), which requires "Initial notification by facsimile", the enclosed initial notification is provided. Written notification, in accordance with 10 CFR Part 21, Section 21 (c) (3) (ii), will be provided by September 25, 1995.

Very truly yours,

Joseph A. Widay
Joseph A. Widay

Enclosure

NO NOTIF. TO INPO.

9512280065 950828
PDR ADOCK 05000244
S PDR

1E19
~~1E19~~ 1/0

10CFR21 INITIAL FACSIMILE NOTIFICATION

I. NAME AND ADDRESS OF THE INDIVIDUAL INFORMING THE COMMISSION:

NAME: Joseph A. Widay
Plant Manager

ADDRESS: Rochester Gas & Electric Corporation
89 East Avenue
Rochester, New York 14649

II. IDENTIFICATION OF THE FACILITY, THE ACTIVITY, OR THE BASIC COMPONENT SUPPLIED FOR SUCH FACILITY WHICH FAILS TO COMPLY OR CONTAINS A DEFECT:

The facility is the R. E. Ginna Nuclear Power Plant. The basic component is the internal gear positive displacement pump used as the fuel oil booster pump on the "B" Emergency Diesel Generator (D/G). (The pump is a Tuthill Model 2CF-CC and the Ginna equipment identification number (EIN) is PDG05B.)

III. IDENTIFICATION OF THE FIRM CONSTRUCTING THE FACILITY OR SUPPLYING THE BASIC COMPONENT WHICH FAILS TO COMPLY OR CONTAINS A DEFECT:

The pump was manufactured by:

Tuthill Corporation
Tuthill Pump Division
12500 South Pulaski Road
Chicago, Illinois 60658

Note: This pump was purchased commercial-grade, was commercially-dedicated by Rochester Gas & Electric, and met all technical requirements included in the procurement document.

IV. NATURE OF THE DEFECT OR FAILURE TO COMPLY AND THE SAFETY HAZARD WHICH IS CREATED OR COULD BE CREATED BY SUCH DEFECT OR FAILURE TO COMPLY:

The pump was supplied as an exact replacement (by model number) for the original component and was satisfactorily tested to meet the pump performance requirements established by the pump original equipment manufacturer (OEM). The replacement pump was installed during a scheduled maintenance outage of the "B" Emergency D/G in August, 1995. During post-installation testing, the diesel minimum operating fuel oil pressure (as recommended by the diesel OEM) could not be achieved. The safety hazard that could have been created was that the "B" Emergency D/G may not have been able to maintain design load rating (with the fuel oil booster pump capacity reduced).

V. THE DATE ON WHICH THE INFORMATION OF SUCH DEFECT OR FAILURE TO COMPLY WAS OBTAINED:

The information was obtained on August 3, 1995.

VI. IN THE CASE OF A BASIC COMPONENT WHICH CONTAINS A DEFECT OR FAILS TO COMPLY, THE NUMBER AND LOCATION OF ALL SUCH COMPONENTS IN USE AT, SUPPLIED FOR, OR BEING SUPPLIED FOR GINNA STATION:

There are two fuel oil booster pumps installed, one on the "A" and one on the "B" Emergency D/G. (This defect only affected the "B" Emergency D/G.) There were two pumps procured as replacement spares for the installed fuel oil booster pumps, and both of these spares appear to have this defect.

VII. THE CORRECTIVE ACTION WHICH HAS BEEN, IS BEING, OR WILL BE TAKEN; THE NAME OF THE INDIVIDUAL OR ORGANIZATION RESPONSIBLE FOR THE ACTION; AND THE LENGTH OF TIME THAT HAS BEEN OR WILL BE TAKEN TO COMPLETE THE ACTION:

Corrective action for the fuel oil booster pump installed on the "B" Emergency D/G is complete. The corrective action was to adjust the pump end play clearance to tighter tolerances by changing shims on the pump cover to achieve the fuel oil system pressure recommended by the diesel OEM. Additional actions to ensure spare pumps meet these recommendations are being evaluated.

VIII. ANY ADVICE RELATED TO THE DEFECT OR FAILURE TO COMPLY ABOUT THE FACILITY, ACTIVITY, OR BASIC COMPONENT THAT HAS BEEN, IS BEING, OR WILL BE GIVEN TO PURCHASERS OR LICENSEES:

Subsequent to the installation of a new fuel oil booster pump, if fuel oil system pressure (as recommended by the diesel OEM) is not achieved, adjustment of pump end play clearance may be necessary to increase pump capacity.