



ROCHESTER GAS AND ELECTRIC CORPORATION • 89 EAST AVENUE, ROCHESTER, N.Y. 14604

EDWARD J. NELSON  
VICE PRESIDENT

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MAY 25 1970

May 22, 1970

Dr. Peter A. Morris, Director  
Division of Reactor Licensing  
United States Atomic Energy Commission  
7920 Norfolk Avenue  
Bethesda, Maryland 20014

Subject: Failure of Main Steam Line  
Isolation Valve MSIV-1B to close  
Ginna Station Unit No. 1  
Docket No. 50-244



Dear Dr. Morris:

On May 14, 1970, at 2200 hours the turbine generator was manually tripped off the line in a scheduled trip test while generating at 100 per cent reactor power. The purpose of the test was to verify the ability of the primary and secondary plants to sustain a trip from 100 per cent of power and to bring the plant to a hot shutdown condition in an orderly manner. The performance of the system was excellent. This test preceded scheduled maintenance work on the turbine and the reactor primary loop temperature instrumentation.

Immediately following the trip, the reactor plant was held at hot shutdown condition and checking of the reactor primary loop RTD's proceeded. Upon completion of these checks the reactor was to be taken to cold shutdown condition.

At approximately 2330 hours on May 14, 1970, the Reactor Operator tripped the Main Steam Line Isolation Valves MSIV-1A and MSIV-1B as the first step in the reactor cooling down procedure. Position indicating lights on the control board indicated that valve MSIV-1B had failed to close. The Reactor Operator immediately notified the Shift Foreman.

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TO Dr. Peter A. Morris

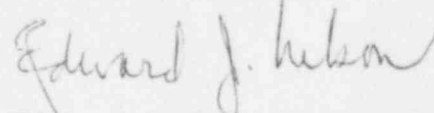
The instrument and control group examined the valve trip mechanism and determined that the trip scheme had operated to close the valve, but the valve mechanism had not functioned. Following examination of the valve, steamfitters were called to loosen the packing gland. The Shift Foreman was then able to operate the valve over part of its travel and after several operations succeeded in fully closing the valve.

This valve, MSIV-1B, was repacked during the previous shutdown period of March 30, 1970 to April 24, 1970. It was tested on April 24, 1970, at 0530 hours and closed in one second. On April 27, 1970, the packing glands on both valves, MSIV-1A and MSIV-1B, were drawn down by the steamfitters to correct leakage.

It is now planned to inspect this valve thoroughly during the present shutdown and test it for full travel and time of closure prior to startup.

Mr. Cantrell and Mr. Kirkman of the USAEC Division of Compliance were properly notified of this incident.

Very truly yours,



Edward J. Nelson