



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

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AREA CODE 716 546-2700

September 10, 1980

Mr. Boyce H. Grier, Director  
U. S. Nuclear Regulatory Commission  
Office of Inspection and Enforcement  
Region I  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

Subject: IE Bulletin No. 80-20, Failures of Westinghouse Type W-2 Spring  
Return to Neutral Control Switches  
R. E. Ginna Nuclear Power Plant, Unit #1  
Docket No. 50-244

Dear Mr. Grier:

In response to Inspection and Enforcement Bulletin 80-20 dated July 31, 1980, concerning W-2 control switches at Zion Generating Station, Unit 1, a review was performed at Ginna Station to determine if Westinghouse type W-2 Control Switches, with spring return to neutral position, are used in safety-related applications.

The results of this review have identified the use of the above mentioned switch in the control circuit of the following safety-related breakers:

1. Safety Injection Pump 1A
2. Safety Injection Pump 1B
3. Safety Injection Pump 1C1 (Bus 16)
4. Safety Injection Pump 1C2 (Bus 14)
5. Containment Spray Pump 1A
6. Containment Spray Pump 1B
7. Component Cooling Pump 1A
8. Component Cooling Pump 1B
9. Motor Driven Aux. Feedwater Pump 1A
10. Motor Driven Aux. Feedwater Pump 1B
11. Residual Heat Removal Pump 1A
12. Residual Heat Removal Pump 1B
13. Service Water Pump 1A
14. Service Water Pump 1B
15. Service Water Pump 1C

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TO Mr. Boyce H. Grier, Director

16. Service Water Pump 1D
17. Containment Fan 1A
18. Containment Fan 1B
19. Containment Fan 1C
20. Containment Fan 1D
21. 1A Diesel Generator Supply Breaker (Bus 14)
22. 1B Diesel Generator Supply Breaker (Bus 16)
23. 1A Diesel Generator Supply Breaker (Bus 18)
24. 1B Diesel Generator Supply Breaker (Bus 17)

Continuity tests were performed on the above switches on July 25, 1980 and August 25, 1980 by qualified personnel using an approved procedure. The two tests detected no failures. In the ten years of Ginna Station operation there has not been any record of contact failures with Westinghouse type W-2 Control Switches with spring return to neutral position.

A proposal for a wiring change to the green indicating light circuit for each of the above breakers such that the neutral contact in the automatic close circuit for the breaker is continuously monitored has been initiated for review by the station technical staff (TSR 80-10). This proposal is being processed in accordance with Ginna Station administrative procedures with plans for implementation during the first plant outage following approval of this modification.

Continuity tests will be performed at least every 31 days on all of the above switches. For those switches that are actuated within that time period, a continuity test will be performed within seven days of their actuation. This surveillance frequency is felt to be adequate based on the two successful continuity tests already performed, combined with the ten year trouble free operation of W-2 switches at Ginna Station.

To assist in evaluating the value/impact of each Bulletin on licensees, manpower expended in conduct of the review and preparation of this report is approximately 39 manhours. No corrective actions were necessary.

Very truly yours,



L. D. White, Jr.

xc: Director, Div. of Reactor Operations Inspection  
Office of Inspection and Enforcement  
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