GE Power Delivery
& Control

January 17, 1991

Subject: GE magne-blast Circuit Breakers
4.16 kV Switchgear at Callaway Nuclear Generating Station
Union Electric Co.
Cell Mounted Auxiliary Switch Failure Due to Bending of Breaker Operating Cam During Maintenance
Further to My Letter of November 1, 1990 to
James Taylor, Director NRC

Mr. Edward Baker,
Acting Branch Chief
Vendor Inspection Branch
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Baker:

We received a report on October 26, 1990 of the failure of 4.16kV vertical-lift switchgear, cell mounted, auxiliary contacts to operate on command during the testing of auxiliary stand-by switchgear at Callaway Nuclear Generating Station by Union Electric Co.; this was reported in my letter of November 1, 1990.

The purpose of my letter of November 1, 1990 was to inform your office that we are treating this deviation as reportable under 10 CFR Part 21; it will be given industry notice this week via the INPO network in a "Significant Event Report" (SEN). We will also be issuing a service advice letter in a timely manner.

We have provided a prototype redesigned test link to the Callaway Station and we await final feedback from Union Electric's engineering unit. We believe that the original design of the test link, coupled with less than optimum maintenance practices was the root cause of the problem.

We shipped commercial grade material to Union Electric to correct this situation within one week of notification of the problem. We will continue to inform you and our customers of further progress and recommendations.

Again, this condition can only exist where licensees have optional cell mounted auxiliary switches, use the optional maintenance test link, and where the link has been adjusted without clearance so as to apply excessive operating force.

Very truly yours,

Dean Jones
Product Manager, Breakers

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