ABB

January 14, 2011

Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, DC 20555-0001
FAX 301-816-5151

Subject: 10 C.F.R. Part 21 Notification of Potential Defect for COM 5, COM 9, and COM 11 Overcurrent Relays

Dear Sir or Madam:

This letter is submitted in accordance with 10 C.F.R § 21.21(d)(3)(ii) with respect to a failure to comply with the specifications associated with the COM 5, COM 9, and COM 11 Overcurrent Relays. The style numbers for the COM 5 relay are 1326D81A07A, 1326D81A05A, 1326D81A01, 1326D81A02, 1329D12A02, 1329D12A01, 1329D12A06, 1326D81A08, 1329D12A07, 1329D12A05, 1329D12A06, 1329D12A08, 1329D12A09, 1326D81A08A, and 1326D81A09A. The style numbers for the COM 9 relay are 1326D81A10A and 1326D81A10. The style numbers for the COM 11 relay are 1329D12A03, 1326D81A03, and 1326D81A03A.

The notifying individual is Mr. Pat Wilkinson, General Manager, ABB Inc. (Distribution Automation), 4300 Coral Ridge Rd, Coral Springs FL, 33065.

Notification regarding the subject relays is as follows: The failure to comply centers around the seismic specification of the COM 5, COM 9, and COM 11 relays. The Zero Period Acceleration (ZPA) rating for the COM 5, COM 9 and COM 11 relays were incorrectly being certified to meet a ZPA rating of 5.6g. The relays only meet a ZPA rating of 3.6g.

On December 14th, 2010, ABB's Engineering Group, while performing a document review of the ABB's CTR-COM-5 Qualification Conclusion Report, discovered the incorrectly reported ZPA rating. The deviation was identified as a potential defect on January 10, 2011.

The COM family relays were originally seismically qualified by Westinghouse on July 11, 1977 with a ZPA rating of 5.7g. A second seismic qualification test was performed by an outside vendor on September 12, 2001 with a reported ZPA rating of 3.6g. ABB then transferred the vendor information to its own conclusion report: CTR-COM-5 signed December 14, 2001. The CTR-COM-5 conclusion report incorrectly transcribed the ZPA rating of 3.6g from the outside vendor. The CTR-COM-5 conclusion report is the basis for ABB's Relay Selection disk, used by ABB Marketing, and ABB's quality Certificate of Conformance.

The root cause of this issue was determined to be inadequate review and transfer of the outside vendor's seismic test data.

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NMSS

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ABB is taking, or has taken, the following corrective actions:

- Correct CTR-COM-5 conclusion report to 3.6g ZPA (Engineering completed request on January 11, 2011)
- Contact all customers with potentially affected open Purchase Orders to ensure acceptance of the 3.6g ZPA rating. Orders on hold until acceptance. (Sales to complete by January 21, 2011)
- Update Certificate of Conformance template for the affected style numbers to reflect 3.6g ZPA. (Quality Assurance completed request on January 13, 2011)
- Perform a review of all qualification reports to ensure all ZPA ratings for all product families are correctly reported (Engineering to complete by February 14, 2011)
- Identification of potentially affected customers (Marketing to complete by February 15, 2011)
- Notification of potentially affected customers (Marketing to complete by February 28, 2011).
- Correct ZPA rating on the Relay Selection Disk to 3.6g ZPA (Marketing to complete by October 30, 2011)

The customers and the quantity data are still being collected at this time. Depending upon a Licensee's specified ZPA requirements, the lower ZPA rating of relays could possibly create a substantial safety hazard. If a higher ZPA rating is required by the Licensee, please contact ABB Coral Springs Customer Support at 1-800-222-1946 or (954) 825-0606 on available solutions.

If you have any questions regarding this notice, please contact the Quality Manager, Mr. Chad Buchwalter, directly at (954) 825-0604.

Very truly yours,

Pat Wilkinson
General Manager

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