



February 8, 2011

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

Subject: Amended Report -- 10 C.F.R. Part 21 Notification of Potential Defect for COM 5, COM 9, and COM 11 Overcurrent Relays issued on January 14, 2011

Dear Sir or Madam:

The amended report is submitted to provide a list of customers who may have received the subject relays in accordance with 10 C.F.R. Part 21 (a)(3). The report also now references previous 10 C.F.R. Part 21 notifications for Zero Period Acceleration (ZPA) discrepancies.

Previous 10 C.F.R. Part 21 Notifications regarding COM relay ZPA deviations.

Date of Previous Notifications	Log Number	Description
September 17, 1996	1996-62-2	Identified the COM relays as meeting a 4.6g ZPA.
March 28, 1997	1997-29-0	Correct the September 17, 1996 notification. Identified the COM relay as 5.7g ZPA.

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 was incorrectly being certified as having met a ZPA rating of 5.6g. The relays only meet a ZPA rating of 3.6g.

On September 17, 1996, a previous 10 C.F.R. Part 21 notification was reported with an incorrect ZPA rating of 4.6 being listed for the COM relays. On March 27, 1997, another 10 C.F.R Part 21 notification was submitted to state the correct ZPA rating for the COM relays was 5.7g.

ABB Inc.

Distribution Automation

4300 Coral Ridge Drive
Coral Springs, FL 33065

PHONE (954) 752-6700
FACSIMILE (954) 345-5329

JE19
JE20
MRR



On December 14th, 2010, ABB's Engineering Group, while performing a document review of the ABB 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. However, the CTR-COM-5 conclusion report incorrectly transcribed the ZPA rating of 3.6g from the outside vendor and reported a ZPA rating of 5.6, rather than the correct ZPA rating of 3.6. 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.

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

- Correct CTR-COM-5 conclusion report to reflect the correct 3.6g ZPA rating (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 completed on January 11, 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 (Complete – see attachment)
- Mail notification to potentially affected customers (Quality Assurance completed on February 8, 2011).
- Correct ZPA rating on the Relay Selection Disk to 3.6g ZPA (Marketing to complete by October 30, 2011)

Depending upon a Licensee's specified ZPA requirement, 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.

ABB Inc.



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

Very truly yours,

A handwritten signature in black ink, appearing to read 'Pat Wilkinson', is written over a light blue horizontal line.

Pat Wilkinson
General Manager

Attachment – List of Affected Customers

ABB Inc.

4300 Coral Ridge Drive
Coral Springs, FL 33065

Distribution Automation

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List of Affected Customers

CUSTOMER	CUSTOMER PO	YEAR	STYLE	DESCRIPTION	QTY
ABB INC - FLORENCE	PC05970	2006	1326D81A07	COM5 CLASS 1E	1
CENTERIOR SERVICE COMPANY INC	S-042594-D92	1992	1326D81A05	COM5 CLASS 1E	11
WESCO - MURRYSVILLE PA	W/S3365-416615	1999	1326D81A05	COM5 CLASS 1E	1
WESCO - MURRYSVILLE PA	3365-045632	2002	1326D81A05	COM5 CLASS 1E	2
K-TEK INTERNATIONAL INC	KHNP-NKR2-01	2002	1326D81A05	COM5 CLASS 1E	6
ABB INC - FLORENCE	PC06868	2008	1326D81A05	COM5 CLASS 1E	2
ABB INC - FLORENCE	PC03203	2002	1326D81A01	COM5 CLASS 1E	1
WESCO - MURRYSVILLE PA	3365-993487	2002	1326D81A01	COM5 CLASS 1E	5
WESCO - MURRYSVILLE PA	3365-615676	2000	1326D81A02	COM5 CLASS 1E	2
WESCO - MURRYSVILLE PA	3365-859380	2001	1326D81A02	COM5 CLASS 1E	1
WESCO - MURRYSVILLE PA	WS3365-24500	1994	1326D81A09	COM5 CLASS 1E	1
WESCO - MURRYSVILLE PA	3365-681905	2000	1326D81A09	COM5 CLASS 1E	1
WESCO - MURRYSVILLE PA	3365-758979	2001	1326D81A09	COM5 CLASS 1E	1
WESCO - MURRYSVILLE PA	3365-170175	2008	1326D81A09	COM5 CLASS 1E	2
WESCO - MURRYSVILLE PA	3365-174687	2008	1326D81A09	COM5 CLASS 1E	1
ABB INC - FLORENCE	PC01237	1998	1326D81A10	COM9 CLASS 1E	2
EXELON BUSINESS SERVICES COMPANY	459571	2010	1326D81A01	COM5 CLASS 1E	1
WESCO DISTRIBUTION INC	3365-406137	2010	1326D81A02	COM5 CLASS 1E	3

ABB Inc.