



May 16 2003

Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: Report of Potential Defect per 10-CFR Part 21
Type TD-5 Relay

Reference: ABB Initial Notification per 10-CFR Part 21 dated February 24, 2003
Type TD-5 Relay

Notification By: ABB Inc.
Substation Automation & Protection
4300 Coral Ridge Drive
Coral Springs, FL 33065

This letter is to notify you of a potential defect concerning our Class 1E type TD-5 relay.

ABB Inc. Substation Automation & Protection has been in the process of a "Qualification Verification Program" where seismic qualifications were performed to assure continued performance of our products.

The initial test results for the type TD-5 relay as reported to us was that the telephone (T) relay normally open contacts passed at the table shaker testing limit of 5.6g and the normally closed contacts passed at 2.3g. Further evaluation was performed as our original ZPA rating for the type TD-5 relay was 8.0g. It was not until December, 2002 that we had concluded the TD-5 relay contained a potential defect with regards to the telephone (T) relay normally closed contacts.

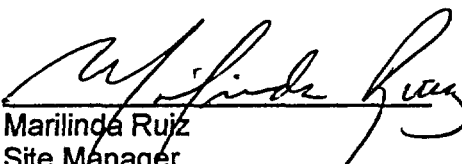
The type TD-5 relay has since been re-designed and it has been reported to us that it is qualified at the table shaker testing limit of 5.6g. for all contacts.

We are notifying our customers that if they determine the new ZPA contact ratings are not acceptable for their application, they are to contact us for available options. A copy of the list of customers affected is attached.

Questions concerning this notification letter should be directed to the Technical Support Line at 800-222-1946 or Fax 954-345-5329.



Russ W. Gonnam
Quality Manager



Marilinda Rujz
Site Manager

ABB Inc.

ABB	Customer	Customer P.O. No.	Product	Product	Class 1E
Cust. I.D.	Name & Address	(ABB G.O. No.)	Type	Style	Serial No.(s)
031	ABB Inc. C/O M & M Forwarding Co. 900 Hertel Ave. Buffalo, N.Y. 14216	G4569052	TD-5	1520F55A89	9780
177	ABB Power T & D Co. Inc. 2300 Mechanicsville Hwy. Florence, S.C. 29501	4838 " " 4837 PC01962 " " " PC03251 PC03372 " PC03394	TD-5 " " " " " " " " " " "	1520F55A14 1520F55A15 1520F55A57 1520F55A13 1520F55A22 1520F55A21 1520F55A27 " " 1520F55A22 1520F55A27	10525 10526 10527 10538 10945 10946 10947 11310 11324 Thru 11330 11331 and 11332 11376 and 11377
105	Bechtel Power Corp. Route 11 North Berwick, PA. 18603	(RMR C4947B)	TD-5	1520F55A46	7236A
108	Westinghouse Elec. Nuclear Corp. P.O. Box 335 Pittsburgh, PA. 15230	(RMR RN5061)	TD-5	1520F55A08	7211A
005	Beloit Power Systems 555 Lawton Ave. Beloit, WI. 53511	32476 " " (RK44249) (RK45169)	TD-5 " " " "	1520F55A49 " " 1520F55A08 1520F55A05	6679 Thru 6683 6684A 6685 and 6686 7204 Thru 7210 8434
125	Hans De Haan ABB 200 Chisolm Drive Milton, Ontario Canada L9T5E7	(CARG00747) (CARG64891) (CALL68453)	TD-5 " "	1520F55A89 " "	5762 and 5763 8139 8561 and 8562
038	Duquesne Light Co. Shippingport, PA. 15077	D140084	TD-5	1520F55A22	10431 Thru 10435

ABB	Customer	Customer P.O. No.	Product	Product	Class 1E
Cust. I.D.	Name & Address	(ABB G.O. No.)	Type	Style	Serial No.(s)
136	General Electric 1418 W. Mt. Pleasant W. Burlington, IA. 52655	074-219649 (DP36699) (DP36807)	TD-5 " "	1520F55A08 " "	8092 Thru 8095 8298 and 8299 8466
181	General Electric Co. 6901 Elmwood Ave. Philadelphia, PA. 19142	073J903851203 073J903852203 "	TD-5 " "	1520F55A46 " "	7230 Thru 7233 7234 and 7235 7237
171	ABB Power T & D Co. Inc. 655 Century Point Lake Mary, FL. 32746	(PH69788) " " " (PH61225) (PH61251) (PH69903) (PH61257) (PH61256) (PH61440) (PH61240) (PH61367) (PH61440)	TD-5 " " " " " " " " " " " "	1520F55A91 " " " 1520F55A92 1520F55A11 " " 1520F55A02 " "	4510 Thru 4523 4524A and 4526A 4525 4527 Thru 4539 6580 7453 and 7454 6041 and 6042 7763 7774 Thru 7777 8131 Thru 8134 7778 Thru 7781 7970 and 7971 8135 Thru 8138
131	Powell Elec. 8550 Mosley Dr. Houston, Tx. 77075	(HU40825) 61650-4 61651-11	TD-5 " "	1520F55A52 1520F55A49 "	7302 and 7303 6655 and 6656 6657 and 6658
058	Wolf Creek Nuclear Operating Corp. P.O. Box 411 Burlington, KS. 66839	562394 564633	TD-5 "	1520F55A46 "	10390 10436
016	Wesco 1 Wesco Drive Murrysville, PA. 15668	3365-635340 rev. 1 P2353446 W/S3365-352082 W/S3365-904400 WWW19935 " W/S3365-307343	TD-5 " " " " " "	1520F55A08 1520F55A52 " " 1520F55A02 " 1520F55A49	11034 10011 Thru 10013 10392 and 10393 10648 8938 Thru 8948 8950 Thru 8953 10378 and 10379

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Cust. I.D.	Name & Address	(ABB G.O. No.)	Type	Style	Serial No.(s)
009	Wesco P.O. Box 1166 Youngstown, OH. 44501	ZRV03681	TD-5	1520F55A05	9230A and 9231A
020	Westinghouse A & T 201 Seco Rd. Monroeville, PA. 15146	54X97497 " MN-97497-M	TD-5 " "	1520F55A92 1520F55A89 1520F55A90	9541 9542 9609
179	Eaton Cutler Hammer 1000 Cherrington Pkwy. Moon Township, PA. 15108	(10Y235756) (10Y238757) (10Y011507) (10Y342348)	TD-5 " " "	1520F55A08 " " "	00001 and 00002 00003 and 00004 6898 7316
127	Wisconsin Public Service P.O. Box 700 Green Bay, WI 54305	(AP68331)	TD-5	1520F55A19	1925 Thru 1932
064	Wisconsin Public Service Corp. Green Bay, WI. 54307	255186	TD-5	1520F55A19	10894
001	Wesco 1640 Golden Mile Hwy. Monroeville, PA. 15146	RMR R1348 (WWW18759) (WWW20264) (WWW20643) (WWW40055) (WWW40114) (WWW21222) (WWW21295) " (WWW20250) (WWW19051) (WWW19561) (WWW20264) (WWW19569) (WWW20042) (WWW20103) (WWW20264)	TD-5 "	1520F55A02 " " 1520F55A11 " " 1520F55A91 1520F55A08 " " " " 1520F55A05 1520F55A46 " " "	8949A 8560 9009 Thru 9028 9114 and 9115 9288 9379 9169 9229 9232 8999 8721 Thru 8724 8912 9091 Thru 9094 8914 and 8915 8956 9053 9106 Thru 9109

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Cust. I.D.	Name & Address	(ABB G.O. No.)	Type	Style	Serial No.(s)
148	Duke Energy Corp.	ON 39271	TD-5	1520F55A13	10977 Thru 10979
	Oconee Nuclear Station	ON 44490	"	"	11073 and 11074
	Seneca, S.C. 29672	"	"	"	11163 and 11164
		"	"	"	11305 and 11306
		"	"	"	11357 Thru 11360
		"	"	"	11447 Thru 11450
		"	"	"	11491 and 11492
		ON 46463	"	"	10538A