

Part 21 (PAR)

Event # 50691

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|--|---|--------------------|-------|
| Rep Org: ABB GROUP | Notification Date / Time: 12/17/2014 17:38 (EST) | | |
| Supplier: ABB GROUP | Event Date / Time: 12/17/2014 (EST) | | |
| | Last Modification: 12/17/2014 | | |
| Region: 1 | Docket #: | | |
| City: CORAL SPRINGS | Agreement State: | Yes | |
| County: | License #: | | |
| State: FL | | | |
| NRC Notified by: DENNIS BATOVSKY | Notifications: | DONNA JANDA | R1DO |
| HQ Ops Officer: JOHN SHOEMAKER | | KATHLEEN O'DONOHUE | R2DO |
| Emergency Class: NON EMERGENCY | | AARON MCCRAW | R3DO |
| 10 CFR Section: | | NEIL OKEEFE | R4DO |
| 21.21(d)(3)(i) DEFECTS AND NONCOMPLIANCE | | PART 21 GROUP | EMAIL |

PART 21 REPORT - POTENTIAL DEFECT REGARDING KF RELAYS

"Recent seismic testing results of the above Class IE KF under-frequency relays uncovered inaccurate qualification by similarity to the tested relay 1328D72A03 (qualified in 2011). The subject relays do not meet the previously published ZPA rating, but meet a rating of 1.7g in accordance with IEEE C37.98-1987 requirements.

"Records show a total of 37 suspect relays were provided to seven customers. ABB does not have the capability to perform the evaluation to determine if a defect exists, thus we are notifying the purchasers or affected licensees of this determination so that they may evaluate the deviation, pursuant to 10 CFR. 21.21(b).

"If you have any questions regarding this notice, please contact the ABB Technical Support 954-752-6700.

"Dennis Batovsky
Managing Director"

IE19
NRR



December 17, 2014

US Nuclear Regulatory Commission
Washington, DC 50555-001

Subject: 10 C.F.R. Part 21 Notification of Potential Defect Regarding KF Relay ZPA Rating

Dear Sir or Madam:

This letter provides notification of a deviation from the published ZPA rating for Class 1E KF styles 1328D72A01 and 1328D72A02.

Recent seismic testing results of the above Class 1E KF under-frequency relays uncovered inaccurate qualification by similarity to the tested relay 1328D72A03 (qualified in 2011). The subject relays do not meet the previously published ZPA rating, but meet a rating of 1.7g in accordance with IEEE C37.98-1987 requirements.

Records show a total of 37 suspect relays were provided to seven customers detailed in the separately attached document provided. ABB does not have the capability to perform the evaluation to determine if a defect exists, thus we are notifying the purchasers or affected licensees of this determination so that they may evaluate the deviation, pursuant to 10 C.F.R. 21.21(b).

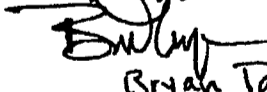
ABB recommends that the affected licensees evaluate their specific application and determine whether the deviation described in this notice affects their design basis. If it is determined that it does, the licensees should contact ABB to determine appropriate corrective action.

ABB is conducting the following actions:

- Future orders for 1328D72A01 and 1328D72A02 Class 1E KF Under-frequency relays will be revised in order to incorporate changes to match the ZPA rating for 1328D72A03 and 1328D72A04 relays respectively.
- ABB will perform an extent of condition evaluation to determine if this situation exists in other electromechanical 1E qualified relays. This will be completed by January 31st 2015.

If you have any questions regarding this notice, please contact the ABB Technical Support 954-752-6700.

Very truly yours,


Bryan Tauzer
for
Dennis Batovsky
Managing Director



Customer List for 1328D72A01 and 1328D72A02 KF Relays

ABB Florence

| ORDER | DATE | STYLE | SERIAL NO. | QTY |
|---------|------------|------------|------------|-----|
| CRS2086 | 9/16/2009 | 1328D72A02 | 12253 | 1 |
| CRS1175 | 1/12/2007 | 1328D72A02 | 11759A | 1 |
| COR7409 | 08/14/1997 | 1328D72A01 | 10651 | 1 |

ABB Ltd Cheonan Korea

| ORDER | DATE | STYLE | SERIAL NO. | QTY |
|----------|-----------|------------|----------------------|-----|
| XAM13349 | 12/1/2011 | 1328D72A01 | 12730, 12731 & 12732 | 3 |

ABB Ltd Chungchungnam-Do Korea

| ORDER | DATE | STYLE | SERIAL NO. | QTY |
|----------|-----------|------------|------------|-----|
| XAS12183 | 3/23/2010 | 1328D72A01 | 12366 | 1 |

ABB LTD. SO. KOREA-KR

| ORDER | DATE | STYLE | SERIAL NO. | QTY |
|---------|-----------|------------|---------------|-----|
| XAS6784 | 10/2/2007 | 1328D72A01 | 11925 & 11926 | 2 |
| XASB141 | 7/7/2008 | 1328D72A01 | 12025 & 12026 | 2 |

Georgia Power Company Birmingham

| ORDER | DATE | STYLE | SERIAL NO. | QTY |
|---------|----------|------------|---------------|-----|
| RAC1000 | 6/3/2014 | 1328D72A02 | 12884 & 12885 | 2 |

WESCO- Murrysville PA

| ORDER | DATE | STYLE | SERIAL NO. | QTY |
|---------|------------|------------|---|-----|
| VEH0884 | 10/10/1995 | 1328D72A01 | 10439A | 1 |
| VEH1137 | 3/14/1996 | 1328D72A01 | 10519 | 1 |
| VEC2996 | 5/6/1999 | 1328D72A02 | 10842 | 1 |
| VEC3333 | 10/27/1999 | 1328D72A02 | 10876 | 1 |
| VEP1498 | 5/21/2007 | 1328D72A02 | 11801 | 1 |
| VEP1514 | 5/24/2007 | 1328D72A02 | 11793,11794,11795,11796,11797,11798,11799,11780 | 8 |
| VEP2192 | 1/31/2008 | 1328D72A02 | 11974, 11975, 11976, 11977, 11978, 11979, 11980 | 7 |
| VEP2691 | 7/10/2008 | 1328D72A02 | 12027 & 12028 | 2 |

COMM EDISON CO.

| ORDER | DATE | STYLE | SERIAL NO. | QTY |
|---------|------------|------------|----------------|-----|
| NAP7507 | 01/27/1999 | 1328D72A02 | 01293 & 04405B | 2 |