

Part 21 (PAR)

Event # 51190

Rep Org: ABB, INC.	Notification Date / Time: 06/29/2015 17:16 (EDT)
Supplier: ABB, INC.	Event Date / Time: 06/29/2015 (EDT)
	Last Modification: 06/29/2015
Region: 1	Docket #:
City: CORAL SPRINGS	Agreement State: Yes
County:	License #:
State: FL	
NRC Notified by: DENNIS BATOVSKY	Notifications: ANTHONY DIMITRIADIS R1DO
HQ Ops Officer: STEVE SANDIN	KATHLEEN O'DONOHUE R2DO
Emergency Class: NON EMERGENCY	LAURA KOZAK R3DO
10 CFR Section:	NEIL OKEEFE R4DO
21.21(d)(3)(i) DEFECTS AND NONCOMPLIANCE	PART 21/50.55 REACTORS EMAIL

PART 21 NOTIFICATION OF DEVIATION REGARDING COM-5 PROTECTIVE RELAY DEFECTIVE FRAME ASSEMBLY

The following information was provided by ABB via fax:

"This letter provides notification of a deviation for Class IE COM-5 (Long Time Overcurrent Relays) styles 1326D81A01, 1326D81A02, and 326D81A09.

"On April 30, 2015 ABB received a customer complaint regarding a COM-5 relay received with a bracket (ABB Part Number #3518A17H01) detached from the relay frame assembly (ABB Part Number #1456C92G01).

"ABB's investigation determined that the bracket, which is spot-welded to the frame, can be detached from the frame using a relatively small amount of force. If the weld fails, the Indicating Contactor Switch (ICS) unit held by the bracket could inadvertently close, causing a false trip. The affected frame assemblies were manufactured by ABB on 9/25/2014 (Lot#: 45001414115) by an operator who incorrectly followed the inspection procedure required to verify the integrity of the resistance spot welds.

"ABB records show a total of 11 suspect relays were provided to two customers as detailed in attachment 1 [BELOW].

"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).

"ABB recommends that the affected licensees evaluate their specific application and determine whether the

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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:

- ABB has improved existing inspection processes used to verify resistance spot welds.
- ABB has performed an extent of condition evaluation and determined that this issue is limited to this process.

"If you have any questions regarding this notice, please contact ABB Technical Support at +1-954-752-6700 or+ 1-800-222-1946

Very truly yours,

Dennis Batovsky
Managing Director

"ATTACHMENT 1

"Customer List for 1326D81A01, 1326D81A02 and 1326D81A09 COM-5 Relays

"Exelon Business Services Corporation, Chicago, IL - Clinton Nuclear Station

"ORDER / CUSTOMER PO / DATE / STYLE / SERIAL NO. / QTY

"ENW0716 / 00531032 Rev 001 / 9-26-2014 / 1326D81A01 / 12910-12912 / 3

"ENW0742 / 00541813 Rev 002 / 3-3-2015 / 1326D81A01 / 12938, 12939 / 2

"Westinghouse Electric Corporation, New Stanton, PA

"ORDER / CUSTOMER PO / DATE / STYLE / SERIAL NO. / QTY

"VEP10980 / 4500653421 Rev 1 / 12-8-2014 / 1326D81A02 / 12928, 12929 / 2

"VEP10976 / 4500653398 Rev 1 / 12-8-2014/1326D81A02 / 12925-12927 / 3

"VEP11168 / 4500657304 rev 1 / 1-20-2015 / 1326D81A09 / 12919 / 1"



June 29, 2015

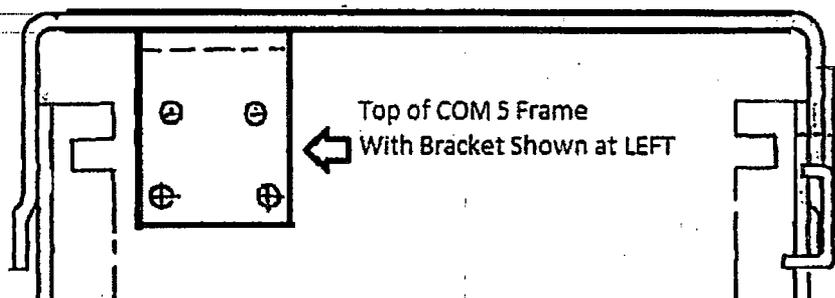
US Nuclear Regulatory Commission
Washington, DC 20555-001

Subject: 10 C.F.R. Part 21 Notification of Deviation regarding COM-5 Protective Relay -
Defective Frame Assembly

Dear Sir or Madam:

This letter provides notification of a deviation for Class 1E COM-5 (Long Time Overcurrent Relays) styles 1326D81A01, 1326D81A02, and 1326D81A09.

On April 30, 2015 ABB received a customer complaint regarding a COM-5 relay received with a bracket (ABB Part Number #3518A17H01) detached from the relay frame assembly (ABB Part Number #1456C92G01).



ABB's investigation determined that the bracket, which is spot-welded to the frame, can be detached from the frame using a relatively small amount of force. If the weld fails, the Indicating Contactor Switch (ICS) unit held by the bracket could inadvertently close, causing a false trip. The affected frame assemblies were manufactured by ABB on 9/25/2014 (Lot#: 45001414115) by an operator who incorrectly followed the inspection procedure required to verify the integrity of the resistance spot welds.

ABB records show a total of 11 suspect relays were provided to two customers as detailed in attachment 1.

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:

- ABB has improved existing inspection processes used to verify resistance spot welds.
- ABB has performed an extent of condition evaluation and determined that this issue is limited to this process.

If you have any questions regarding this notice, please contact ABB Technical Support at +1-954-752-6700 or +1-800-222-1946

Very truly yours,


Dennis Batovsky
Managing Director



Attachment 1

Customer List for 1326D81A01, 1326D81A02 and 1326D81A09

COM-5 Relays

Exelon Business Services Corporation, Chicago, IL

Clinton Nuclear Station

ORDER	CUSTOMER PO	DATE	STYLE	SERIAL NO.	QTY
ENW0716	00531032 Rev 001	9/26/2014	1326D81A01	12910-12912	3
ENW0742	00541813 Rev 002	3/3/2015	1326D81A01	12938, 12939	2

Westinghouse Electric Corporation, New Stanton, PA

ORDER	CUSTOMER PO	DATE	STYLE	SERIAL NO.	QTY
VEP10980	4500653421 Rev 1	12/8/2014	1326D81A02	12928, 12929	2
VEP10976	4500653398 Rev 1	12/8/2014	1326D81A02	12925-12927	3
VEP11168	4500657304 rev 1	1/20/2015	1326D81A09	12919	1

