

Part 21 (PAR)

Event # 52731

<b>Rep Org:</b> EMERSON PROCESS MANAGEMENT		<b>Notification Date / Time:</b> 05/04/2017 13:14 (EDT)	
<b>Supplier:</b> TOPWORX		<b>Event Date / Time:</b> 05/02/2017 (CDT)	
<b>Last Modification:</b> 05/04/2017			
<b>Region:</b> 1	<b>Docket #:</b>		
<b>City:</b> LOUISVILLE	<b>Agreement State:</b>		Yes
<b>County:</b>	<b>License #:</b>		
<b>State:</b> KY			
<b>NRC Notified by:</b> MARK BROZAK	<b>Notifications:</b>	JAMES DWYER	R1DO
<b>HQ Ops Officer:</b> STEVE SANDIN		RANDY MUSSER	R2DO
<b>Emergency Class:</b> NON EMERGENCY		ROBERT ORLIKOWSKI	R3DO
<b>10 CFR Section:</b>		MARK HAIRE	R4DO
21.21(d)(3)(i) DEFECTS AND NONCOMPLIANCE		PART 21/50.55 REACTORS	EMAIL

PART 21 - C8, M8 AND H8 SWITCHES EXHIBITED CONTINUITY FROM INTERNAL CIRCUITRY TO CASE GROUND DURING INSPECTION AND TEST

The following report was received via email:

"TopWorx Information Notice: TIN 2017-01

"04 May 2017

"Subject: C8, M8 and H8 Switches

"From:

James McDill  
Director of Operations  
TopWorx  
3300 Fern Valley Road  
Louisville, KY 40213  
Fax: (502) 969-7315

"Equipment Affected by this Information Notice: C8, M8 & H8 Series Products released prior to April 01, 2017.

"Purpose: The purpose on this TopWorx Information Notice (TIN) is to alert that as of 02 May 2017 TopWorx was made aware of a situation which may affect the performance of the equipment listed above. TopWorx is informing its customers of this circumstance in accordance with Section

IE19  
NRR

21.21 (b) and 50.55 (e) of 10CFR21.

"Applicability: This notice applies only to the C8, M8, and H8 series of switches.

"Discussion: A potential nonconformance was discovered during product review when X-Ray analysis revealed a small piece of loose solder inside a completed C8 switch. Investigations revealed that the cause of this defect was the amount of solder used to hermetically seal the switch and enclosure together. Under the right conditions and circumstances, excessive solder on this specific switch model could potentially bridge between a circuit connection and the internal surface of the switch enclosure causing a high potential (Hipot) failure.

"Extent of Condition: No other series of switches are affected by this information notice.

"Actions Required: The recommended corrective action for installed switches is to continue monitoring for ground fault indications. If you do not currently monitor for ground fault indications, then a resistance check using an ohmmeter from each contact to the case to ensure no continuity to ground exists. Any switches exhibiting continuity to ground should be returned to TopWorx for replacement.

"10CFR21 Implications: TopWorx requests that the recipient of this notice review it and take appropriate action in accordance with 10CFR21.

Customer notifications [Quantity purchased and Customer Purchase Order numbers]:

Nuclear Logistics Inc.  
[Qty 2 - PO #NLI57759, Qty 1 - PO #NLI-50192 REPL]

Control Southern Inc.  
[Qty 10 - PO #X230280199, Qty 24 - PO #X230303436, Qty 1 - PO #X230315950, Qty 14 - PO #X230336922]

Ralph A. Hiller Co.  
[Qty 10 - PO #NUC9868]

Weir Valves & Controls USA Inc.  
[Qty 1 - PO #2022132/0, Qty 1 - PO #202321/0]

Emerson Process Mgmt (Bettis)  
[Qty 4 - PO #4125106730, Qty 8 - PO #4125084349]

Fisher Controls  
[Qty 4 - PO #G133492, Qty 4 - PO #4123340399, Qty 0 - PO #G132951 (ordered but not shipped), Qty 18 - PO #G132951, Qty 1 - PO #G133421]

"If there are any technical questions or concerns, please contact:

Mark Brozak  
Manger, Quality  
TopWorx  
3300 Fern Valley Road  
Louisville, KY 40213  
Fax: (502) 969-8000  
Phone: (502) 873-4689  
Mark.Brozak@emerson.com"

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