

Part 21 (PAR)

Event # 48146

Rep Org: CURTISS WRIGHT FLOW CONTROL CO.		Notification Date / Time: 08/01/2012 10:56 (EDT)	
Supplier: CURTISS WRIGHT FLOW CONTROL CO.		Event Date / Time: 08/01/2012 (EDT)	
Last Modification: 08/01/2012			
Region: 3		Docket #:	
City: CINCINNATI		Agreement State: Yes	
County:		License #:	
State: OH			
NRC Notified by: TIM FRANCHUK		Notifications: TAMARA BLOOMER	
HQ Ops Officer: BILL HUFFMAN		PART 21 GROUP	
Emergency Class: NON EMERGENCY		R3DO	
10 CFR Section:		EMAIL	
21.21(d)(3)(i) DEFECTS AND NONCOMPLIANCE			

POTENTIAL PART 21 ISSUE RELATED TO TYCO TIMING RELAY

The following information was provided via facsimile:

"QualTech NP is providing this notification as a potential 10 CFR Part 21 issue. We have discovered a manufacturing defect in a timing relay which prevents the relay from operating at a specific setting. This relay was purchased as a commercial grade item and dedicated through our dedication process for safety related applications at our Cincinnati facility.

"The subject equipment is TYCO Model CNT-35-96, a timing relay with adjustable trip ranges from seconds up to 9,990 hours. QualTech NP has recently identified a failure mode for this relay in that the device will not trip in the 10H setting. In communications with the manufacturer, they have confirmed that there is a flaw in the design that prevents this specific setting from tripping.

"QualTech NP has only sold this unit to two plants, both Exelon. We recognize, however that other utilities could have these installed. Based on the information in hand we are evaluating the need for a 10 CFR Part 21 notification. Since the item was qualified under the EPRI SQRSTS [Seismic Qualification Reporting and Testing Standardization] Program, the recommended corrective action is to notify EPRI of the condition in order for SQRSTS members to perform an impact evaluation.

"Additional details will be provided in the formal written report. Please contact Tim Franchuk at 513-528-7900, ext. 176 (office), [redacted] or via email tfranchuk@curtisswright.com for any additional information."

IE19
NRR



QualTech NP
4600 East Tech Dr. • Cincinnati, Ohio 45245
Phone: 513.528.7900 • Fax: 513.528.9292
www.qualtechnp.cwfc.com

July 31, 2012

To whom it may concern:

QualTech NP is providing this notification as a potential 10 CFR Part 21 issue. We have discovered a manufacturing defect in a timing relay which prevents the relay from operating at a specific setting. This relay was purchased as a commercial grade item and dedicated through our dedication process for safety related applications at our Cincinnati facility.

The subject equipment is TYCO Model CNT-35-96, a timing relay with adjustable trip ranges from seconds up to 9,990 hours. QualTech NP has recently identified a failure mode for this relay in that the device will not trip in the 10H setting. In communications with the manufacturer, they have confirmed that there is a flaw in the design that prevents this specific setting from tripping.

QualTech NP has only sold this unit to two plants, both Exelon. We recognize, however that other utilities could have these installed. Based on the information in hand we are evaluating the need for a 10 CFR Part 21 notification. Since the item was qualified under the EPRI SQRSTS Program, the recommended corrective action is to notify EPRI of the condition in order for SQRSTS members to perform an impact evaluation.

Additional details will be provided in the formal written report. Please contact Tim Franchuk at 513-528-7900 ext. 176 (office), 803-422-2927 (cell) or via email tfranchuk@curtisswright.com for any additional information.

Sincerely,

A handwritten signature in black ink, appearing to read 'Tim Franchuk', is written over a horizontal line.

Tim Franchuk
Quality Assurance Director
QualTech NP, a business unit of Curtiss-Wright Flow Control Company
Office: 513-528-7900 ext. 176
tfranchuk@curtisswright.com