

Part 21 (PAR)

Event # 48146

<b>Rep Org:</b> QUALTECH NP CURTISS WRIGHT		<b>Notification Date / Time:</b> 08/01/2012 10:56 (EDT)	
<b>Supplier:</b> QUALTECH NP CURTISS WRIGHT		<b>Event Date / Time:</b> 08/01/2012 (EDT)	
<b>Last Modification:</b> 08/02/2012			
<b>Region:</b> 3	<b>Docket #:</b>		
<b>City:</b> CINCINNATI	<b>Agreement State:</b>	Yes	
<b>County:</b>	<b>License #:</b>		
<b>State:</b> OH			
<b>NRC Notified by:</b> TIM FRANCHUK		<b>Notifications:</b> TAMARA BLOOMER	R3DO
<b>HQ Ops Officer:</b> BILL HUFFMAN		PART 21 GROUP	EMAIL
<b>Emergency Class:</b> NON EMERGENCY			
<b>10 CFR Section:</b>			
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."

\*\*\* UPDATE ON 8/2/12 AT 1659 EDT FROM MARGIE BREWER TO DONG PARK \*\*\*

IE19  
NRR

Part 21 (PAR)

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The licensee has revised the third paragraph to read as follows:

"QualTech NP has only sold this unit to two plants, Exelon LaSalle and Quad Cities. 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, QualTech NP recognizes that other SQRSTS members may have used the qualification basis as part of licensee dedication activities, and therefore, will notify EPRI of the condition."

Notified R3DO (Kunowski) and Part 21 group via email.

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**QualTech NP**  
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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.

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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](mailto:tfranchuk@curtisswright.com) for any additional information.

Sincerely,

A handwritten signature in black ink, appearing to read 'T. 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](mailto:tfranchuk@curtisswright.com)