

Part 21, (PAR)

Event # 52828

Rep Org: ITT ENIDINE INC.	Notification Date / Time: 06/26/2017 14:42 (EDT)		
Supplier: ITT ENIDINE INC.	Event Date / Time: 06/26/2017 (EDT)		
	Last Modification: 06/26/2017		
Region: 1	Docket #:		
City: WESTMINSTER	Agreement State:	Yes	
County:	License #:		
State: SC			
NRC Notified by: JEFF GOTTHELF	Notifications:	RAY POWELL	R1DO
HQ Ops Officer: STEVE SANDIN		REINALDO RODRIGUEZ	R2DO
Emergency Class: NON EMERGENCY		ERIC DUNCAN	R3DO
10 CFR Section:		MICHAEL VASQUEZ	R4DO
21.21(d)(3)(i) DEFECTS AND NONCOMPLIANCE		PART 21/50.55 REACTORS	EMAIL

PART 21 - POTENTIAL TRANSDUCER COMPONENT DEFECT

The following information was received via fax:

"This letter is a Part 21 notification to the US Nuclear Regulatory Commission of a potential component defect.

"The ITT Conoflow models GT25CA1826 and GT25CD1826 current to pressure (I/P) transducers produce a calibrated 3.0 to 15.0 psi output pressure from a 4.0 to 20.0 mA DC (input) signal.

"On May 5, 2017 a non-safety related GT25CA1826 was received for evaluation. This transducer would not respond to the 4 to 20 mA operating signal. The failure was caused by a defective solder joint at a coil lead terminal on the printed circuit board. The circuit board was replaced and the unit worked correctly.

"An immediate inspection of all stock revealed additional parts with defective solder joints. Based on our [Enidine] investigation, circuit boards with defective solder joints are limited to two lots, received on April 29, 2016 and May 27, 2016. Preventive measures have been implemented to prevent recurrence.

"We [Enidine] have produced and shipped the following safety related products that have used parts from these two lots of circuit boards:

Enertech Purchase Order No.: 638764
 Utility/Station P.O. No.: 15018770
 Qty: 2
 Part Number: GT25CD1826
 Serial Numbers: 628974 and 628975

IE19
 NRR

Customer/Station: Enertech\Gefran [Benelux NV]

Enertech Purchase Order No.: 638942-1
Utility/Station P.O. No. 500603219
Qty: 1
Part Number: GT25CA1826
Serial Numbers: 629276
Customer/Station: Enertech\Arizona Power [Palo Verde]

Enertech Purchase Order No.: 639238
Utility/Station P.O. No.: 343472
Qty: 2
Part Number: GT25CD1826
Serial Numbers: 629454 and 629455
Customer/Station: Enertech\CCI [Control Components Inc.]

"Facilities which have procured suspect product will be notified and advised how to examine their stock for the potential defect. ITT will provide verified replacements for any defective or suspect circuit boards."

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Compact Automation Product Line
 Turn-Act Product Line
 Conoflow Product Line

June 26, 2017

Document Control Desk
 U.S. Nuclear Regulatory Commission
 Washington, DC 20555-0001
 FAX (301) 816-5151

Subject: USNRC 10CFR Part 21 Notification

Gentlemen,

This letter is a Part 21 notification to the US Nuclear Regulatory Commission of a potential component defect.

The ITT Conoflow models GT25CA1826 and GT25CD1826 current to pressure (I/P) transducers produce a calibrated 3.0 to 15.0 psi output pressure from a 4.0 to 20.0 mA DC (input) signal.

On May 5, 2017 a non-safety related GT25CA1826 was received for evaluation. This transducer would not respond to the 4 to 20 mA operating signal. The failure was caused by a defective solder joint at a coil lead terminal on the printed circuit board. The circuit board was replaced and the unit worked correctly.

An Immediate inspection of all stock revealed additional parts with defective solder joints. Based on our investigation, circuit boards with defective solder joints are limited to two lots, received on April 29, 2016 and May 27, 2016. Preventive measures have been implemented to prevent recurrence.

We have produced and shipped the following safety related products that have used parts from these two lots of circuit boards:

Enertech Purchase Order No.	Utility / Station P.O. No.	Qty	Part Number	Serial Numbers	Customer / Station
638784	15018770	2	GT25CD1826	628974 and 628975	Entertech\Gefran
638942-1	500603219	1	GT25CA1826	629276	Entertech\ Arizona Power
639238	343472	2	GT25CD1826	629454 and 629455	Entertech\CCI

Facilities which have procured suspect product will be notified and advised how to examine their stock for the potential defect. ITT will provide verified replacements for any defective or suspect circuit boards.

Respectfully Submitted,

Jeff Gotthelf
 Engineering Manager