

Part 21 (PAR)

Event # 52458

Rep Org: ITT ENIDINE INC.	Notification Date / Time: 12/22/2016 17:35 (EST)
Supplier: ITT ENIDINE INC.	Event Date / Time: 11/02/2016 (EST)
	Last Modification: 12/22/2016
Region: 1	Docket #:
City: WESTMINSTER	Agreement State: Yes
County:	License #:
State: SC	
NRC Notified by: RAY SMITH	Notifications: JAMES NOGGLE R1DO
HQ Ops Officer: DONG HWA PARK	GERALD MCCOY R2DO
Emergency Class: NON EMERGENCY	STEVE ORTH R3DO
10 CFR Section:	MICHAEL HAY R4DO
21.21(d)(3)(i) DEFECTS AND NONCOMPLIANCE	NMSS_EVENTS_NOTIFICATI EMAIL
	PART 21 MATERIALS
	PART 21/50.55 REACTORS

PART 21 - POTENTIAL TRANSDUCER COMPONENT DEFECT

The following information was received via fax:

"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 November 2, 2016, a discovery was made of unqualified electrical component substitutions on the internal circuit board. Supplier and internal record reviews indicate these unqualified components were used as early as May 10, 2013, as the previously qualified PCB components are no longer available. Environmental qualification of the suspect circuit boards is planned for early 2017. If any component falls to meet requirements, nuclear facilities which use this product will be advised to examine their product for unqualified printed circuit boards via notification and visual references. Qualified replacement components will be provided to all affected customers.

"Customer Name / Item Number / No.: Units
 Calvert Cliffs Nuclear / GT25CD1826 / 30
 Control Components Inc. / GT2SCD 1826 / 3
 Duke Energy Carolinas LLC / GT25CA1826 / 8
 Duke Energy Carolinas LLC / GTI:SCD1826 / 4
 Enertech Curtiss-Wright / GT25CA1816 / 19
 Enertech Curtiss-Wright / GT25CD1826 / 4
 Eergytech Inc. / GT25CA1826 / 3
 Eergytech Inc. / GT25CD1826 / 3
 Gefran Benelux NV / GT25CD1826 / 2
 Ontario Power Generation / GT25CD1826 / 31
 SPX Flow Technology / GT25CA1826 / 2
 Weir Valves & Controls UK / GT25CA1826 / 78"

IE19
 NRR



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ITT Enidine Inc.

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Facsimile Cover Sheet

Date: 12/22/2016

To the Attention of: NRC operations center

Fax Number: 301-816-5151

From: Ray Smith

Company: ITT Inc.

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Number of Pages: 3

Including cover sheet



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

December 21, 2016

Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Subject: USNRC 10CFR Part 21 Notification.

Gentlemen,

This letter is to notify 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 November 2, 2016 a discovery was made of unqualified electrical component substitutions on the internal circuit board. Supplier and internal record reviews indicate these unqualified components were used as early as May 10, 2013, as the previously qualified PCB components are no longer available.

Environmental qualification of the suspect circuit boards is planned for early 2017. If any component fails to meet requirements, nuclear facilities which use this product will be advised to examine their product for unqualified printed circuit boards via notification and visual references. Qualified replacement components will be provided to all affected customers.

The following table (page 2 of this notification) is a list of customers, and the specific I/P transducer part numbers procured from ITT since May 10, 2013. These customers will be notified by January 13, 2017.

Respectfully Submitted,

Jeff Gotthelf
Engineering Manager

Ray Smith
Quality Manager

Attachments: GT25 series I/P transducer customer list (May 10, 2013 to present)

ITT GT26 Series customer list (May 10, 2013 to present)

Customer Name	Item Number	No.: Units
Calvert Cliffs Nuclear	GT25CD1826	30
Control Components Inc.	GT25CD1826	3
Duke Energy Carolinas LLC	GT25CA1826	8
Duke Energy Carolinas LLC	GT25CD1826	4
Enertech Curtiss-Wright	GT25CA1826	19
Enertech Curtiss-Wright	GT25CD1826	4
Ergytech Inc.	GT25CA1826	3
Ergytech Inc.	GT25CD1826	3
Gefran Benelux NV	GT25CD1826	2
Ontario Power Generation	GT25CD1826	31
SPX Flow Technology	GT25CA1826	2
Weir Valves & Controls UK	GT25CA1826	78