Part 21 (PAR)	Part 21 (PAR)	١
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Event#

52458

Rep Org: ITT ENIDINE INC. Supplier: ITT ENIDINE INC.

Notification Date / Time: 12/22/2016 17:35 Event Date / Time: 11/02/2016

(EST)

Last Modification: 12/22/2016

(EST)

Region: 1

City: WESTMINSTER

Docket #: Agreement State:

Yes

County:

State: SC

License #:

NRC Notified by: RAY SMITH **HQ Ops Officer:** DONG HWA PARK Notifications: JAMES NOGGLE

GERALD MCCOY

R1DO R2DO

Emergency Class: NON EMERGENCY

STEVE ORTH MICHAEL HAY R3DO

10 CFR Section:

21.21(d)(3)(i)

DEFECTS AND NONCOMPLIANCE

NMSS EVENTS NOTIFICATI

R4DO **EMAIL**

PART 21 MATERIALS

PART 21/50.55 REACTORS

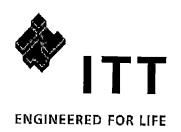
PART 21 - POTENTIAL TRANSDUCER COMPONENT DEFECT

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.

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 Ergytech Inc. / GT25CA1826 / 3 Eraytech Inc. / GT25CD1826 / 3 Gefran Benelux NV / GT25CD1826 / 2 Ontario Power Generation / GT25CD1826 / 31 SPX Flow Technology / GT25CA1826 / 2 Weir Valves & Controls UK / GT25CA1826 / 78"

"Customer Name / Item Number / No.: Units



ITT Enidine Inc.

105 Commerce Way Westminster, SC 29693 Phone: (864) 647-3855 Fax; (864) 647-7993

Email: Raymond smith@itt.com

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.

Phone: 864-647-3855

Email: Raymond.smith@itt.com
From Facsimile: 864-647-7993

Number of Pages:

Including cover sheet



Enidine 105 Commerce Way Westminster, SC 29691 Phone:(864)-647-9521 Fax: (864)-647-9574

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 Gøfthelf Engineering Manager

Engineering Manager / Quality Manager

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

ITT GT25 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
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