

Part 21 (PAR)

Event # 52458

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| 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 |
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