Part 21 (PAR) Event # 52300

Rep Org:	ITT ENIDINE INC.	**Notification Date / Time:**	10/18/2016 10:08 (EDT)
Supplier:	ITT ENIDINE INC.	**Event Date / Time:**	08/19/2016 (EDT)
		Last Modification:	10/18/2016
Region:	1	**Docket #:**	
City:	WESTMINSTER	**Agreement State:**	Yes
County:		**License #:**	
State:	SC		
NRC Notified by:	RAY SMITH	**Notifications:**	CHRISTOPHER CAHILL R1DO
HQ Ops Officer:	BETHANY CECERE		FRANK EHRHARDT R2DO
Emergency Class:	NON EMERGENCY		RICHARD SKOKOWSKI R3DO
10 CFR Section:			JOHN KRAMER R4DO
21.21(d)(3)(i)	DEFECTS AND NONCOMPLIANCE		PART 21/50.55 REACTORS

PART 21 REPORT - DEFFECTIVE CURRENT TO PRESSURE TRANSDUCERS

The following was received by facsimile:

"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. Other dedicated I/P transducer part numbers are available with different output pressure ranges and input signal values.

"On August 19, 2016 a defective model GT25CA1826 (s/n 628894) was received for evaluation. This transducer would only achieve 0-9 psi output pressure, falling short of the specified 3-15 psi output range. The failure was caused by misalignment of a key internal sub-assembly component as a result of shipping damage (mechanical shock). The product has been repaired, calibrated/tested, and is being returned to the customer (Arizona Public Service Co.).

"The following is a list of customers, and the specific I/P transducer part numbers procured from ITT since 2006. These customers will be notified by November 1, 2016.

"ACSYR SL GT25CA1826
ALABAMA POWER COMPANY GT25CA1826
AMERGEN ENERGY, LLC GT25CA1826
ARIZONA PUBLIC SERVICE CO GT25CA1826
ASIAM INT'L (TAIWAN) INC. GT25CA1826
CALVERT CLIFFS NUCLEAR POWER PLANT, INC GT25CD1826
CATAWBA NUCLEAR STATION GT25CA1826 GT25CD1826
CCNPP STOREROOM GT25CD1826

IE19
NRR

CENTRAL NUCLEAR DE ALMARAZ GT25CD1826
CONTROL COMPONENTS INC GT25CD1826
DETROIT EDISON GT25CD1826
DTE ENERGY GT25CD1826
ENERGY NORTHWEST GT25CA1826
ENERTECH CURTISS-WRIGHT GT25CA1826, GT25CD1826
ENRICO FERMI POWER PLANT 2 GT25CD1826
ENTERGY OPERATIONS GT25CA1826, GT25CD1826
ERGYTECHINC GT25CD1826
EXELON BUSINESS SERVICES GT25CA1826
FLOWSERVE GT25CA1826
GEFRAN BENELUX NV GT25CA1826 GT25CD1826
KOREA HYDRO & NUCLEAR PWR GT25CA1826
NEBRASKA PUBLIC POWER GT25CA1826
NUCLEAR POWER PLANT KRSKO GT25CA1826
OMAHA PUBLIC POWER DIST GT25CA1826 GT25CD1826
ONTARIO POWER GENERATION GT25CA1826 GT25CD1826
SPX MCKEAN GT25CA1826
TVA NUCLEAR ASSURANCE AND LICENSING GT25CA1826 GT65CD1826
WATTS BAR UNIT 2 CONSTRUCTION GT25CD1826
WEIR VALVES & CONTROLS UK GT25CA1826
ZVONIMIR ZEC GT25CA1826"

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ITT

ENGINEERED FOR LIFE

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Facsimile Cover Sheet

Date:	10/18/2016
To the Attention of:	NRC operations center
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Number of Pages:	3

Including cover sheet

ITT

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

October 18, 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 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. Other dedicated I/P transducer part numbers are available with different output pressure ranges and input signal values.

On August 19, 2016 a defective model GT25CA1826 (s/n 628894) was received for evaluation. This transducer would only achieve 0-9 psi output pressure, falling short of the specified 3-15 psi output range. The failure was caused by misalignment of a key internal sub-assembly component as a result of shipping damage (mechanical shock). The product has been repaired, calibrated / tested, and is being returned to the customer (Arizona Public Service Co.).

Nuclear facilities which use this product will be advised to examine their stock of uninstalled and/or unverified product for shipping damage through notification and dissemination of a revised installation, operation and maintenance manual. Product which has already been verified (calibrated) and put into service does not have this defect.

Preventive actions will advise customers to verify the condition of the product, prior to placing it into service. Supporting documentation (the instruction, operation and maintenance manual) and packaging will be updated to notify facilities to inspect the packaging and the product, and verify the operation and calibrate the I/P transducer prior to putting the product in service.

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 2006. These customers will be notified by November 1, 2016.

Respectfully Submitted,

Jeff Gotthelf
Engineering Manager

Ray Smith
Quality Manager

Attachments: GT25 series I/P transducer customer list (2006 to present)

ITT GT25 Series customer list (2006 to present)

Customer Name	Item(s)	
ACSYR SL	GT25CA1826	
ALABAMA POWER COMPANY	GT25CA1826	
AMERGEN ENERGY, LLC	GT25CA1826	
ARIZONA PUBLIC SERVICE CO	GT25CA1826	
ASIAM INT'L (TAIWAN) INC.	GT25CA1826	
CALVERT CLIFFS NUCLEAR POWER PLANT, INC	GT25CD1826	
CATAWBA NUCLEAR STATION	GT25CA1826	GT25CD1826
CCNPP STOREROOM	GT25CD1826	
CENTRAL NUCLEAR DE ALMARAZ	GT25CD1826	
CONTROL COMPONENTS INC	GT25CD1826	
DETROIT EDISON	GT25CD1826	
DTE ENERGY	GT25CD1826	
ENERGY NORTHWEST	GT25CA1826	
ENERTECH CURTISS-WRIGHT	GT25CA1826	GT25CD1826
ENRICO FERMI POWER PLANT 2	GT25CD1826	
ENTERGY OPERATIONS	GT25CA1826	GT25CD1826
ERGYTECH INC	GT25CD1826	
EXELON BUSINESS SERVICES	GT25CA1826	
FLOWSERVE	GT25CA1826	
GEFRAN BENELUX NV	GT25CA1826	GT25CD1826
KOREA HYDRO & NUCLEAR PWR	GT25CA1826	
NEBRASKA PUBLIC POWER	GT25CA1826	
NUCLEAR POWER PLANT KRSKO	GT25CA1826	
OMAHA PUBLIC POWER DIST	GT25FA1826	GT65FA1826
ONTARIO POWER GENERATION	GT25CA1826	GT25CD1826
SPX MCKEAN	GT25CA1826	
TVA NUCLEAR ASSURANCE AND LICENSING	GT25CD1826	GT65CD1826
WATTS BAR UNIT 2 CONSTRUCTION	GT25CD1826	
WEIR VALVES & CONTROLS UK	GT25CA1826	
ZVONIMIR ZEC	GT25CA1826	