

Part 21 (PAR)

Event # 49155

Rep Org: ULTRA ELECTRONICS	Notification Date / Time: 06/28/2013 16:57 (EDT)
Supplier: ULTRA ELECTRONICS, NSPI	Event Date / Time: 05/01/2013 (CDT)
	Last Modification: 06/28/2013
Region: 4	Docket #:
City: ROUND ROCK	Agreement State: Yes
County:	License #:
State: TX	
NRC Notified by: ADAM GAITHER	Notifications: GREG PICK R4DO
HQ Ops Officer: DANIEL MILLS	PART 21 REACTORS EMAIL
Emergency Class: NON EMERGENCY	
10 CFR Section:	
21.21(a)(2) INTERIM EVAL OF DEVIATION	

PART 21 INTERIM REPORT - LINEAR INDICATIONS/CRACKS IN PRESSURE TRANSMITTER FLANGE FORGING

"Description of the Deviation or Failure to comply that is being evaluated:

Linear indications/cracks were discovered in the flange forging on four N-E13DM pressure transmitters recently supplied by Ultra Electronics, NSPI to Omaha Public Power District (OPPD), Fort Calhoun Station FC-1-5 Plant. These transmitters with the identified indications had been received by Fort Calhoun but were not installed. Three of the four transmitters have been returned to Ultra Electronics, NSPI for evaluation and analysis. At this time, the fourth transmitter is in process of being returned for additional evaluation.

"Evaluation Status:

Ultra Electronics, NSPI has performed an initial assessment and determined that the indication/crack penetrates the forging beyond the specified minimum wall thickness. At this time Ultra Electronics, NSPI is in the process of contracting a third party metallurgical research laboratory to assist with evaluation and root cause analysis. Ultra Electronics, NSPI will supply forging samples to the metallurgical research laboratory for analysis including material/composition characteristics as well as the structure and physical characteristics of the indications. Ultra Electronics, NSPI will continue to work with the forging vendor to determine root cause and the extent of the affected material.

"Completion of the Evaluation:

The evaluation is expected to be completed on or before August 31, 2013"

IE19
NRR



Fax cover sheet

To Operations Officer Fax 301-816-5151

Company Name US NRC

From _____ Fax +1 512 434 2801

Date 6-28-13 Page 1 of 3

In the event of a poor transmission phone +1 512 434 2800

Message

Multiple horizontal lines for message content.

**Nuclear Sensors & Process Instrumentation**Round Rock, Texas, USA / www.ultra-nspi.com

Ultra Electronics, Nuclear Sensors & Process Instrumentation is a business name of Weed Instrument Co., Inc.

June 28, 2013

10CFR21

ATTN: Document Control Clerk
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-001

Subject: 10CFR21 Interim Report – Linear Indications/Cracks in Flange Forging, Model N-E13DM Pressure Transmitter

Ultra Electronics, NSPI, in conjunction with Omaha Public Power District (OPPD), Fort Calhoun Station FC-1-5 Plant, recently identified the existence of linear indications/cracks in the body flange forging on a model N-E13DM pressure transmitter. Ultra Electronics, NSPI is currently pursuing a 10CFR21 investigation to document the root cause for the indications and provide an engineering evaluation of the reported condition.

On May 1, 2013, personnel from OPPD concluded that the indications/cracks observed in the transmitter flange could constitute a possible reportable condition pursuant to 10CFR21, "Reporting of Defects and Noncompliance", and, as such, required additional evaluation. However, this evaluation is not expected to be complete until August 31, 2013. Pursuant to the reporting requirements of 10CFR21.21(a)(2), if the evaluation of the deviation or failure to comply potentially associated with a substantial safety hazard cannot be completed within 60 days (i.e., June 28, 2013), an interim report must be submitted to the NRC. The enclosure to this letter provides information required by 10CFR21.21(a)(2) for the interim report of this condition.

Regards,

A handwritten signature in black ink, appearing to read "Adam Gaither", written over the word "Regards,".

Adam Gaither
Vice President, Engineering
Ultra Electronics, NSPI



Nuclear Sensors & Process Instrumentation
Round Rock, Texas, USA / www.ultra-nspl.com
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ENCLOSURE

**10CFR21 Interim Report – Linear Indications/Cracks in Model N-E13DM Flange Forging
6/28/2013**

Name and Address of the Individual Making the Interim Report:

Adam Gaither
Vice President, Engineering
Ultra Electronics, NSPI
707 Jeffrey Way
Round Rock, TX 78680-0300

Description of the Deviation or Failure to Comply that is being evaluated:

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Completion of the Evaluation:

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