<u>06/28/2013</u>

5

<u>Page 1</u>

Part 21 (I	PAR)		Event	# 49155
Rep Org:	ULTRA ELECTRONICS	Notificati	ion Date / Time: 06/28/2013	16:57 (EDT)
Supplier:	ULTRA ELECTRONICS, NSPI	Eve	ent Date / Time: 05/01/2013	(CDT)
		Las	st Modification: 06/28/2013	
Region:	4	Docket #:		
City:	ROUND ROCK	Agreement State:	Yes	
County:		License #:		
State:	<u></u>			
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 DEVIA	TION		
]				

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

06/28/2013 15:04

.

•



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 5	12 434 2800			
Message				
····				
·····	·····			
	·····			
	· · · · · · · · · · · · · · · · · · ·			
·				
· · · · · · · · · · · · · · · · · · ·				
Ultra Electronics, Nuclear Sensors & Process Instrumentation				

P.001/003

(FAX)

Ultra Electronics, Nuclear Sensors & Process Instrumentation is a business name of Weed Instrument Co., Inc. 707 Jeffrey Way, PO Box 300, Round Rock, TX 78680-0300, USA Tel +1 512 434 2800 Fax +1 512 434 2801



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

Redards,

Adam Gaither Vice President, Engineering Ultra Electronics, NSPI

Ultra Electronics, Nuclear Sensors & Process Instrumentation 707 Jeffrey Way P.O. Box 300 Round Rock, TX 78680-0300 U.S.A. Telephone (512) 434-2800 Fax (512) 434-2951



Nuclear Sensors & Process instrumentation Round Rock, Texas, USA / www.ultra-nspl.com Utra Electronics. Nuclear Bassos & Process Instrumentation is a Datisess same of Weed Instrument Co.. inc.

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:

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

Ultra Electronics, Nuclear Sensors & Process Instrumentation 707 Jeffrey Way P.O. Box 300 Round Rock, TX 78680-0300 U.S.A. Telephone (512) 434-2800 Fax (512) 434-2951