

Part 21 (PAR)

Event # 50935

Rep Org: UNITED CONTROLS INTERNATIONAL		Notification Date / Time: 03/27/2015 17:33 (EDT)	
Supplier: UNITED CONTROLS INTERNATIONAL		Event Date / Time: 01/30/2015 (EDT)	
		Last Modification: 03/27/2015	
Region: 1	Docket #:		
City: NORCROSS	Agreement State:		Yes
County:	License #:		
State: GA			
NRC Notified by: LUIS SANCHEZ		Notifications: TODD JACKSON	R1DO
HQ Ops Officer: MARK ABRAMOVITZ		PART 21/50.55 REACTORS	EMAIL
Emergency Class: NON EMERGENCY			
10 CFR Section:			
21.21(a)(2) INTERIM EVAL OF DEVIATION			

PART-21 NOTIFICATION - SENSE AND TRANSFER MODULE RESISTIVE SHORT

The following excerpted report was received via e-mail:

"Sense & Transfer Module (part number 41-09-339904) was provided to PSEG under purchase order 4500726553. The customer identified an abnormal curve trace (resistive short) on the integrated circuit installed at location IC825 pin 6 on this printed circuit board. The customer performed an evaluation which included dissection of the subject IC [integrated circuit] however, this dissection provided inconclusive results as to the cause of the IC anomaly.

"At this time, UCI requires additional time to evaluate the results provided by PSEG and to work with the manufacturer in identifying the root cause. UCI currently considers this issue to be an isolated event as no previous instances of this failure have been observed by UCI to date. PSEG has returned the item to UCI for evaluation and rework [received by UCI on 3/25/2015].

"If you have any questions or wish to discuss this matter or this report, please contact:

Wesley Hickie
Procurement Engineer
whickle@unitedcontrols.com
770-496-1406 x 165"

Potentially affected plants are Salem and Hope Creek.

IE19
NRK

HOO Hoc

From: William Mallia <WMallia@unitedcontrols.com>
Sent: Friday, March 27, 2015 5:33 PM
To: HOO Hoc
Cc: Korina Looft; Divya Paidy; Luis Sanchez
Subject: United Controls International - Part 21 Interim Letter 32715
Attachments: Part 21 Interim Letter 32715.pdf

To whom it may concern,
Attached is a Part 21 Interim Letter from United Controls International.

Please confirm receipt of this email.

William Mallia
Quality Inspector
United Controls International
TrustUCI.com
205 Scientific Drive
Norcross, GA 30092
(770) 496-1406 ext. 148
(770) 496-1422 Fax
Wmallia@unitedcontrols.com

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**UCI
FAXTRANSMITTAL**

DATE:	March 27, 2015		
TO:	NRC OPERATIONS CENTER	FROM:	Korina Looft/UCI
FAX/ EMAIL:	301-816-5151/ HOO.HOC@NRC.GOV	FAX:	770-496-1422
TEL:	301-816-5100	TEL:	770-496-1406
CC:	Interim letter	PAGES:	4 Pages, Including this cover page

COMMENTS:

**I WILL FOLLOW UP AS DIRECTED TO MAKE SURE THE FAX
TRANSMITTAL WAS RECEIVED.**

THANK YOU,

KORINA LOOFT



10CFR21 INTERIM LETTER

March 27, 2015

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington D.C. 20555-0001

Subject: 10CFR21 Interim Letter, UCI Not Capable to Complete Part 21 Evaluation Within Timeline

The purpose of this letter is to provide the NRC with a report in general conformity of the requirements of 10CFR Part 21.21. On January 30, 2015 United Controls International issued a Return Material Authorization (RMA) request to Public Service Electric & Gas (PSEG). The RMA was issued to request the return of a Sense & Transfer Module of part number 41-09-339904 that was provided to PSEG under purchase order 4500726553. The customer identified an abnormal curve trace (resistive short) on the integrated circuit installed at location IC825 pin 6 on this printed circuit board. The customer performed an evaluation which included dissection of the subject IC, however, this dissection provided inconclusive results as to the cause of the IC anomaly.

At this time, UCI requires additional time to evaluate the results provided by PSEG and to work with the manufacturer in identifying the root cause. UCI currently considers this issue to be an isolated event as no previous instances of this failure have been observed by UCI to date. PSEG has returned the item to UCI for evaluation and rework.

UCI notified PSEG on January 30, 2015 that the subject Sense & Transfer Module needed to be returned.

Required information as per 10CFR Part 21.21(d)(4) follows:

- (i) ***Name and Address of the individual or individuals informing the Commission***
Luis Sanchez
Vice President
United Controls International
205 Scientific Drive
Norcross, GA 30092



- (ii) **Identification of the facility, the activity, or the basic component supplied for such facility or such activity within the United States which fails to comply or contains a defect.**

Thomas & Betts Power Solutions/Cyberex Sense & Transfer Module of part number 41-09-339904 was found to have abnormal curve traces at pin 6 of the integrated circuit installed at board location IC825. The item was supplied to Public Service Electric & Gas under Purchase Order 4500726553.

- (iii) **Identification of the firm constructing the facility or supplying the basic component which fails to comply or contains a defect.**

United Controls International
205 Scientific Drive
Norcross, GA 30092

- (iv) **Nature of the defect or failure to comply and the safety hazard which is created or could be created by such defect or failure to comply.**

UCI requested the return of the subject Sense & Transfer Module from PSEG on January 30, 2015. UCI received the subject item on March 25, 2015 and thus, has not had adequate time to coordinate efforts in evaluating the subject item with the manufacturer and customer.

- (v) **The date on which the information of such defect or failure to comply was obtained.**

January 30, 2015

- (vi) **In the case of a basic component which contains a defect or fails to comply, the number and location of these components in use at, supplied for, being supplied for, or may be supplied for, manufactured or being manufactured for one or more facilities or activities subject to the regulations in this Part.**

Part Number	Utility	Purchase Order	Quantity
41-09-339904	PSEG	4500172211	1
		4500377127	1
		4500471119	5
		4500518634	3
		4500601554	2
		4500670681	3
		4500627273	1
		4500726553	3



- (vii) *The corrective action which has been, is being, or will be taken; the name of the individual or organization responsible for the action; and the length of time that has been or will be taken to complete the action.*

UCI has performed its own internal evaluation on the returned item, however, UCI does not have the capability to perform an evaluation of the operability of the item because UCI does not have the system required for testing; hence, UCI requested a date to perform testing of the subject board at the manufacturer facility to determine the condition of the returned item. UCI shall determine whether the component installed at board location IC825 is indeed the root cause of failure. The manufacturer has been requested to provide the soonest available date for testing and is expected to be performed within the next two months.

- (viii) *Any Advice related to the defect or failure to comply about the facility, activity, or basic component that has been, is being, or will be given to purchasers or licensees.*

Not Applicable.

- (ix) *In the case of an early site permit, the entities to whom an early site permit was transferred.*

Not Applicable.

If you have any questions or wish to discuss this matter or this report, please contact:

Wesley Hickie
Procurement Engineer
whickle@unitedcontrols.com
770-496-1406 x 165

Sincerely,

Luis Sanchez
Vice President
United Controls International