

General Information or Other (PAR)

Event # 45921

Rep Org: DRESSER-RAND	Notification Date / Time: 05/12/2010 18:39 (EDT)
Supplier: DRESSER RAND	Event Date / Time: 05/12/2010 (EDT)
	Last Modification: 05/12/2010
Region: 1	Docket #:
City: WELLSVILLE	Agreement State: Yes
County:	License #:
State: NY	
NRC Notified by: JOE MENICHINO	Notifications: KATHLEEN O'DONOHUE R2DO
HQ Ops Officer: CHARLES TEAL	GREG PICK R4DO
Emergency Class: NON EMERGENCY	PART 21 GROUP EMAIL
10 CFR Section:	
21.21 UNSPECIFIED PARAGRAPH	

LUGS ON DIGITAL FILTER IMPROPERLY SOLDERED

A faulty Digital Control System Output Filter was discovered at Farley Nuclear Power station while installing it on the emergency feedwater Terry Steam Turbine. The problem only affects two plants: Farley Nuclear Power Station and San Onofre Nuclear Power Station. Farley replaced the filter before use. San Onofre had installed and used the filter, but they are replacing it.

"Description of Defect:

"Eyelets inserted into the printed circuit (p.c.) board to make connections from one side of the board to the other side were not soldered on the top side where the terminal block is installed. This may result in the connection being broken during tightening of the wire lug on the terminal block or if other stresses are applied to the p.c. board or terminal block. This defect is limited to output filter serial numbers 10009, 10010, 10011, and 10012.

"Engineering Evaluation and Recommendations:

"Failure can occur during assembly. The results of a seismic event are unknown. All 4 filters must be recovered and repaired. Locations of the 4 filters include Dresser-Rand, Farley Nuclear Station, and San Onofre Nuclear Generating Station."

JEI9
NER

DRESSER-RAND

Wellsville Operations
37 Coats Street
P.O. Box 592
Wellsville, NY 14895
PH: 585-593-1234

May 11, 2010

To: NRC Operations Center

Fax: 301-816-5100

Subject: 10CFR Part 21 Initial Report Dresser-Rand No. 042

To Whom It May Concern-

Attached find a copy of Dresser-Rand Initial Part 21 Report Number 042. It is directed at a Digital Control System Output Filter. The anomaly was recently discovered during an outage at the Farley Nuclear Power station. The plant was installing Dresser-Rand's Digital Control System Conversion on the Emergency Feedwater Terry Steam Turbine.

The problem is contained and the only 2 affected plants are Farley Nuclear Power Station and San Onofre Nuclear Power Station. Both plants have been notified of the issue and are implementing corrective action.

The Final Report will be issued by Dresser-Rand during the week of 5/17/2010.

Please call me at 585-596-3406 if there are any questions related to this issue.



Joe Menichino
Manager, Navy/Nuclear Product Engineering
Dresser-Rand Government Business Unit

**INITIAL REPORT 10CFR PART 21
REPORT OF A POTENTIAL SAFETY HAZARD**

Report No. 042
Page 1 of 1

PREPARED BY: <u>Mark Konieczny</u>	Date: <u>5/12/10</u>
TITLE: <u>Navy Nuclear Product Engineer</u>	File No: <u>F37858A/B</u>
PART NAME: <u>Output Filter Network</u>	Serial No: <u>T37858A/B</u>
	Type: <u>GS2N</u>
	Part No: <u>890313-001</u>
	Dwg. No: <u>890313</u>
	Rev. Level: <u>N/A</u>

DESCRIPTION OF DEFECT:

Eyelets inserted into the p.c. board to make connections from one side of the board to the other side were not soldered on the top side where the terminal block is installed. This may result in the connection being broken during tightening of the wire lug on the terminal block or if other stresses are applied to the p.c. board or terminal block. This defect is limited to output filter serial #s 10009, 10010, 10011, and 10012.

ENGINEERING EVALUATION & RECOMMENDATIONS:

Failure can occur during assembly. Results of a seismic event are unknown. All 4 filters must be recovered and repaired. Locations of the 4 filters include Dresser-Rand, Farley Nuclear Station, and San Onofre Nuclear Generating Station.

Evaluation/Recommendation Prepared By: Mark Konieczny *[Signature]* 5/12/10
 Title: Navy Nuclear Product Engineer Date: 5/12/10
 Approved By: Joe Menichino *[Signature]* 5/12/10
 Title: Navy Nuclear Engineering Manager Date: 5/12/10

DISPOSITION, CHECK ONE:

- Yes, this constitutes a safety hazard and requires a Final Report be prepared (EF-066)
 No, this does not constitute a safety hazard and does not require any further reporting.

Reviewed by D-R Wellsville Responsible Officer:

Signature: *[Signature]*
 Title: Director Government Business Unit Date: 5/12/2010

RETURN TO MANAGER NUCLEAR PRODUCT ENGINEERING