

Power Reactor

Event # 48353

Site: FITZPATRICK		Notification Date / Time: 09/27/2012 22:17 (EDT)	
Unit: 1	Region: 1	State : NY	Event Date / Time: 09/27/2012 12:12 (EDT)
Reactor Type: [1] GE-4		Last Modification: 09/27/2012	
Containment Type: MARK I			
NRC Notified by: JORGE O'FARRILL		Notifications: RONALD BELLAMY R1DO	
HQ Ops Officer: MARK ABRAMOVITZ		PART 21 GROUP	
Emergency Class: NON EMERGENCY			
10 CFR Section:			
21.21(d)(3)(i) DEFECTS AND NONCOMPLIANCE			

Unit	Scram Code	RX Crit	Init Power	Initial RX Mode	Curr Power	Current RX Mode
1	N	Yes	92	Power Operation	100	Power Operation

PART-21 REPORT - FAULTY MASTER TRIP UNITS, SLAVE UNITS, AND RESISTANCE TEMPERATURE DETECTORS

"On September 27, 2012, the Site Vice President was notified that a 10CFR21 evaluation of thirteen (13) reworked Master Trip Units, Resistance Temperature Detector Units, and Slave Units supplied by Rosemount Nuclear Instruments, Inc. (Rosemount) determined that a non-compliant condition involving a basic component existed.

"Rosemount informed James A. FitzPatrick Nuclear Power Plant (JAF) that 13 reworked Master Trip Units, Resistance Temperature Detector (RTD) Units and Slave Units were received at JAF which did not comply with their rebuild repair specification. Specifically, epoxy was not applied under certain resistors as required. In accordance with JA FitzPatrick plant procedures, this condition was determined as a 10CFRPart 21 condition involving a defect in a basic component.

"As noted by an engineering review, some of the applications for the trip units require them to energize to perform the associated safety functions. Therefore, a failure occurrence by an installed non-conforming unit could potentially have an adverse affect on the associated systems' safety/accident mitigation functions.

"JAF verified that none of the 13 deficient units were installed in any plant systems. Therefore, this condition had no actual safety consequences as the deficiency was identified by Rosemount prior to installation. The 13 units that were received at JAF without the epoxy have been returned to Rosemount for the addition of the epoxy and have subsequently been reworked and returned to JAF.

"This notification is made pursuant to 10CFR21.21(d)(3)(i)."

IE19
NRK

REACTOR PLANT
EVENT NOTIFICATION WORKSHEET

EN # 48353

NRC OPERATION TELEPHONE NUMBER: PRIMARY -- 301-816-5100 or 800-532-3469*, BACKUPS -- [1st] 301-951-0550 or 800-449-3694*,
[2nd] 301-415-0550 and [3rd] 301-415-0553

*Licensees who maintain their own ETS are provided these telephone numbers.

NOTIFICATION TIME 2217 EST	FACILITY OR ORGANIZATION James A. FitzPatrick	UNIT 1	NAME OF CALLER Jorge L. O'Farrill	CALL BACK # (315) 349-6793
EVENT TIME & ZONE 12:12 pm EST	EVENT DATE 07/27/2012	POWER/MODE BEFORE 92% Power - Mode 1	POWER/MODE AFTER 100% Power - Mode 1	
EVENT CLASSIFICATIONS		1-Hr. Non-Emergency 10 CFR 50.72(b)(1)		
<input type="checkbox"/> GENERAL EMERGENCY GEN/AAEC	<input type="checkbox"/> TS Deviation ADEV	<input type="checkbox"/> (v)(A) Safe S/D Capability AINA		
<input type="checkbox"/> SITE AREA EMERGENCY SIT/AAEC	4-Hr. Non-Emergency 10 CFR 50.72(b)(2)		<input type="checkbox"/> (v)(B) RHR Capability AINB	
<input type="checkbox"/> ALERT ALE/AAEC	<input type="checkbox"/> (i) TS Required S/D ASHU	<input type="checkbox"/> (v)(C) Control of Rad Release AINC		
<input type="checkbox"/> UNUSUAL EVENT UNU/AAEC	<input type="checkbox"/> (iv)(A) ECCS Discharge to RCS ACCS	<input type="checkbox"/> (v)(D) Accident Mitigation AIND		
<input type="checkbox"/> 50.72 NON-EMERGENCY (see next columns)	<input type="checkbox"/> (iv)(B) RPS Actuation (scram) ARPS	<input type="checkbox"/> (xii) Offsite Medical AMED		
<input type="checkbox"/> PHYSICAL SECURITY (73.71) DDDD	<input type="checkbox"/> (xi) Offsite Notification APRE	<input type="checkbox"/> (xiii) Loss Comm/Asm/Resp ACOM		
<input type="checkbox"/> MATERIAL/EXPOSURE B???	8-Hr. Non-Emergency 10 CFR 50.72(b)(3)		60-Day Optional 10 CFR 50.73(a)(1)	
<input type="checkbox"/> FITNESS FOR DUTY HFIT	<input type="checkbox"/> (ii)(A) Degraded Condition ADEG	<input type="checkbox"/> Invalid Specified System Actuation AINV		
<input type="checkbox"/> OTHER UNSPECIFIED REQMT. (see last column)	<input type="checkbox"/> (ii)(B) Unanalyzed Condition AUNA	Other Unspecified Requirement (Identify)		
<input type="checkbox"/> INFORMATION ONLY NINF	<input type="checkbox"/> (iv)(A) Specified System Actuation AESF	<input checked="" type="checkbox"/> 10 CFR 21.21(d)(3)(i) NONR		
		<input type="checkbox"/> NONR		

DESCRIPTION

Include: Systems affected, actuations and their initiating signals, causes, effect of event on plant, actions taken or planned, etc. (Continue on back)

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NOTIFICATIONS	YES	NO	WILL BE	ANYTHING UNUSUAL OR NOT UNDERSTOOD?	<input type="checkbox"/> YES (Explain above)	<input checked="" type="checkbox"/> NO
NRC RESIDENT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
STATE(s)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	DID ALL SYSTEMS FUNCTION AS REQUIRED?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO (Explain above)
LOCAL	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
OTHER GOV AGENCIES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	MODE OF OPERATION UNTIL CORRECTED:	ESTIMATED RESTART DATE: (MM/DD/YYYY)	ADDITIONAL INFO ON BACK
MEDIA/PRESS RELEASE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO