

Power Reactor

Event # 46964

Site: FITZPATRICK		Notification Date / Time: 06/16/2011 12:14 (EDT)				
Unit: 1	Region: 1	State : NY	Event Date / Time: 06/15/2011 14:00 (EDT)			
Reactor Type: [1] GE-4		Last Modification: 06/16/2011				
Containment Type: MARK I						
NRC Notified by: EUGENE DORMAN		Notifications: JUDY JOUSTRA R1DO				
HQ Ops Officer: PETE SNYDER						
Emergency Class: NON EMERGENCY						
10 CFR Section:						
21.21	UNSPECIFIED PARAGRAPH					
Unit	Scram Code	RX Crit	Init Power	Initial RX Mode	Curr Power	Current RX Mode
1	N	Yes	100	Power Operation	100	Power Operation

ROSEMOUNT MODEL 710 TRIP UNITS WOULD NOT TURN ON DURING TESTING

"On June 15, 2011, the site vice president was notified that the 10 CFR 21 evaluation of Rosemount Model 710 Trip Units supplied under purchase order 10174727 determined that the reporting criteria of 10 CFR 21.21 (d)(1) are met.

"During pre-installation testing it was found that 3 of 4 Rosemount Model 710 Trip Units would not turn on. The units were returned to Rosemount for failure analysis and it was determined that a resistor in the start-up circuit for the trip unit was failed. This prevented the trip unit from starting. Based on engineering analysis some of the applications for the trip unit require it to energize to perform the associated safety functions. Therefore, the identified failure mechanism could have represented a substantial safety hazard if the components had been installed, and the condition is reportable.

"The condition had no actual safety consequences as the deficiency was identified during pre-installation testing and if installed without pre-installation testing the system could not have passed post maintenance testing. The three failed units were returned to Rosemount. This notification is made pursuant to 10 CFR 21(d)(ii)(3)(i)."

The licensee notified the NRC Resident Inspector.

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MIR

NRC FORM 361 (12-2000) U.S. NUCLEAR REGULATORY COMMISSION OPERATIONS CENTER
REACTOR PLANT
EVENT NOTIFICATION WORKSHEET EN #

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 1200 6/16/2011	FACILITY OR ORGANIZATION James A. Fitzpatrick NPP	UNIT 1	NAME OF CALLER Eugene Dorman	CALL BACK # (315) 349-6810
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EVENT TIME & ZONE 1400	EVENT DATE 06/15/2011	POWERMODE BEFORE Mode 1 / 100%	POWERMODE AFTER Mode 1 / 100%
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EVENT CLASSIFICATIONS		1-Hr. Non-Emergency 10 CFR 60.72(b)(1)	(v)(A) Safe S/D Capability AINA
GENERAL EMERGENCY	GEN/AECC	TS Deviation ADEV	(v)(B) RHR Capability AINB
SITE AREA EMERGENCY	SIT/AECC	4-Hr. Non-Emergency 10 CFR 60.72(b)(2)	(v)(C) Control of Rad Release AINC
ALERT	ALE/AECC	(i) TS Required S/D ASHU	(v)(D) Accident Mitigation AIND
UNUSUAL EVENT	UNU/AECC	(iv)(A) ECCS Discharge to RCS ACCS	(vi) Offsite Medical AMED
50.72 NON-EMERGENCY (see next columns)		(iv)(B) RPS Actuation (scram) ARPS	(vii) Loss Comm/Asmt/Resp ACOM
PHYSICAL SECURITY (73.71)	DDDD	(xi) Offsite Notification APRE	60-Day Optional 10 CFR 60.73(a)(1)
MATERIAL EXPOSURE	B???	8-Hr. Non-Emergency 10 CFR 60.72(b)(3)	Invalid Specified System Actuation AINV
FITNESS FOR DUTY	H???	(ii)(A) Degraded Condition ADEG	Other Unspecified Requirement (Identify)
OTHER UNSPECIFIED REQMT. (see last column)		(ii)(B) Unanalyzed Condition AUJA	✓ 10 CFR 21(d)(ii)(3)(i) NONR
INFORMATION ONLY	NNF	(iv)(A) Specified System Actuation AESF	NONR

DESCRIPTION

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

On June 15, 2011, the site Vice President was notified that the 10 CFR 21 evaluation of Rosemount Model 710 Trip Units supplied under purchase order 10174727 determined that the reporting criteria of 10 CFR 21.21(d)(1) are met.

During pre-installation testing it was found that 3 of 4 Rosemount Model 710 Trip units would not turn on. The units were returned to Rosemount for failure analysis and it was determined that a resistor in the start-up circuit for the trip unit was failed. This prevented the trip unit from starting. Based on engineering analysis some of the applications for the trip unit require it to energize to perform the associated safety functions. Therefore, the identified failure mechanism could have represented a substantial safety hazard if the components had been installed, and the condition is reportable.

The condition had no actual safety consequences as the deficiency was identified during pre-installation testing and if installed without pre-installation testing the system could not have passed post maintenance testing. The three failed units were returned to Rosemount.

This notification is made pursuant to 10 CFR 21(d)(ii)(3)(i).

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