

EVENT NOTIFICATION WORKSHEET - NRC FORM 361

NOTIFICATION TIME		FACILITY OR ORGANIZATION		UNIT	CALLER'S NAME		CALL BACK #, PHS or 1651362-1824	
0935		WATT'S BAR NUCLEAR PLANT		112	PL. PACE			
EVENT TIME & ZONE	EVENT DATE	1-Hr Non-Emergency 10 CFR 50.72(b)(1)			<input type="checkbox"/> (i) Lost Office Comm <input type="checkbox"/> (ii) Fire <input type="checkbox"/> (iii) Toxic Gas <input type="checkbox"/> (iv) Rad Release <input type="checkbox"/> (v) Oth Monitoring Sys Op.			
NA	5, 7, 94	<input type="checkbox"/> (iii)(A) TS Required S/D <input type="checkbox"/> (iii)(B) TS Operation <input type="checkbox"/> (iv) Degraded Condition <input type="checkbox"/> (iii)(A) Unanalyzed Condition <input type="checkbox"/> (iii)(B) Outside Design Basis <input type="checkbox"/> (iii)(C) Not Covered by OPE/EP			<input type="checkbox"/> (vi) Upgrade While S/D <input type="checkbox"/> (vii) RPS Actuation System <input type="checkbox"/> (viii) ESF Actuation <input type="checkbox"/> (iii)(A) Safe S/D Capability <input type="checkbox"/> (iii)(B) RHM Capability <input type="checkbox"/> (iii)(C) Control of Rad Release <input type="checkbox"/> (iii)(D) Accident Mitigation <input type="checkbox"/> (iv)(A) Air Release > 2X App B <input type="checkbox"/> (iv)(B) Liq Release > 2X App B <input type="checkbox"/> (v) Offsite Medical <input type="checkbox"/> (vi) Offsite Notification			
POWER/MODE BEFORE	POWER/MODE AFTER	4-Hr Non-Emergency 10 CFR 50.72(b)(2)						
NA	NA							
EVENT CLASSIFICATIONS								
GENERAL EMERGENCY								
SITE AREA EMERGENCY								
ALERT								
UNUSUAL EVENT								
50.72 NON-EMERGENCY								
PHYSICAL SECURITY (72.71)								
TRANSPORTATION								
20.403 MATERIAL EXPOSURE								
X OTHER 10 CFR 50.55e								

DESCRIPTION
 GE MAGNE-BLAST CIRCUIT BREAKER
 MANUFACTURE MODEL NO. AM-7.2-500-6HB
 PROBLEM EVALUATION REPORT WBPER940262
 CONSTRUCTION DEFICIENCY REPORT 94-10

The Magne-Blast circuit breaker pin connecting the trip coil link to the crank dropped out causing the tripping mechanism to become inoperable. The trip coil remained energized and subsequently overheated and failed. In November of 1985, a similar deficiency was documented by Non-conformance Report W-312-P. At that time, the manufacturer considered the failure to be isolated to one batch of welded pins associated with serial number 256A4603. The cause of the more recent failure has not been determined. The manufacturer has been notified and has agreed to jointly determine the cause and develop corrective actions.

The breaker was installed as a protective device for the Reactor Coolant System pressurizer heater backup group. The primary function of the heaters is to maintain water in the pressurizer at saturated temperature corresponding to operating pressure for up to eight hours following an incident requiring hot shutdown. The same breaker has been used in other safety-related applications which includes the electrical feeder to the 480 Volt Shutdown Board transformers and Emergency Raw Cooling Water pump motors.

The deficiency discussed above could potentially impact plant safety and has been determined reportable under 10 CFR 50.55(e).

NOTIFICATIONS NRC RESIDENT	YES ✓	NO	WILL BE	ALL SYSTEMS UNUSUAL OR NOT UNDERSTOOD	✓	YES (if system shown)	NO
STATE		✓		DID ALL SYSTEMS FUNCTION AS REQUIRED?	NA	YES	NO (if system shown)
LOCAL		✓		MODE OF OPERATION			
OTHER AGENCIES		✓		ESTIMATE FOR UNTIL CORRECTED	NA		
MEDIA/PRIS RELEASE		✓		RESTART DATE	NA		ADDITIONAL INFO ON BACK? NO

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 PDR ADOCK 05000390
 PDR