

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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REPORT SOURCE L 0 5 0 0 0 2 1 9 7 0 2 1 8 8 2 U 0 3 0 4 8 2 9

DOCKET NUMBER EVENT DATE REPORT DATE

On Jan. 9, 1982 the deluge system for Reactor Bldg Elevation 51' actuated due to smoke emanating from an overheated bearing in the Cleanup System Auxiliary Pump Motor. A DC ground resulting from wetting was traced to switch RE17D which could have rendered a logic channel for the Core Spray System inoperable. Also, as a result of wetting an AC ground fault in the RPS was traced to the position indication switches for the N₂ supply valves to the Torus resulting in a partial loss of containment isolation valve position indication.

SYSTEM 0000		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP. SUBCODE		VALVE SUBCODE	
Z	Z	X		Z		Z	Z	Z	Z	Z		Z	
9	10	11		12		13				14		15	
EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.					
8	2		0	1	0	0	1	T	0				
21	22	23	24	25	26	27	28	29	30				
ACTION TAKEN		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD 4 FORM SUB.		PHITE COMP. SUPPLIER	
X	B	Z		Z		0	0	0	0	Y	N	Z	
18	19	20		21		37	38	39	40	41	42	43	
COMPONENT MANUFACTURER													
Z	9	9	9										
44	45	46	47										

Cause is attributed to an inadequate safety evaluation. Existing electrical sealing techniques judged adequate were not. Range of deluge spray to instrument rack RKO2 was underestimated. Revaluation will be reviewed by the PORC. Sealing or drip shield protection will be assured prior to startup from the current shutdown.

4 (12)

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