

**NAC FORM 358
(7-77)**

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

CONTROL BLOCK: ① (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
F I L T P I S I 4										0 0 1 - 0 0 1 0 0 - 1 0 0										3 4 1 1 1 1 4										1																																																																						
LICENSES CODE										LICENSE NUMBER										LICENSE TYPE										CAT 32																																																																						
CON'T										REPORT SOURCE										OCCUR NUMBER										EVENT DATE										REPORT DATE																																																												
0 1										L 6 0 1 5 1 0 0 0 1 2 5 1 7 1 1 1 1 1 8 0										3 0 4 1 0 1 1 8 1 1										9																																																																						
EVENT DESCRIPTION AND PROBABLE CONSEQUENCES										10																																																																																										
0 2										During refueling shutdown while conducting the final acceptance testing on																																																																																										
0 3										the fire detection system as modified by conditions of license, 6 of the 10																																																																																										
0 4										ionization type detectors were found to be inoperable. This is reportable																																																																																										
0 5										pursuant to TS 3.14.1.c. The 4 remaining fire detectors were operable, and																																																																																										
0 6										redundant information is available via containment air temperature monitors.																																																																																										
0 7																																																																																																				
0 8																																																																																																				
0 9										SYSTEM CODE										CAUSE CODE										CAUSE SUBCODE										COMPONENT CODE										COMP. SUBCODE										VALVE SUBCODE																																								
A B 11										E 12										D 13										I N S T R U 14										E 15										Z 16																																																		
17										EVENT YEAR										SEQUENTIAL REPORT NO.										OCCURRENCE CODE										REPORT TYPE										REVISION NO.																																																		
8 0										0 1 1 3										0 3										X										1																																																												
ACTION TAKEN										FUTURE ACTION										EFFECT ON PLANT										SHUTDOWN METHOD										HOURS										ATTACHMENT SUBMITTED										APPRO- FORM SUB.										PRIME COMP. SUPPLIER										COMPONENT MANUFACTURER																				
X 18										C 19										Z 20										Z 21										0 0 0 0										N 22										N 23										A 24										P 4 3 5 25																				
CAUSE DESCRIPTION AND CORRECTIVE ACTIONS										27																																																																																										
1 0										The cause of the inoperability was moisture induced corrosion of the																																																																																										
1 1										detector base terminals associated with the type DIS-3/5A detector head																																																																																										
1 2										resulting in improper electrical contact. New detector heads and bases																																																																																										
1 3										were installed. To preclude future corrosion, the terminals have been																																																																																										
1 4										protected with Scotchkote electrical coating.																																																																																										
1 5										FACILITY STATUS										% POWER										OTHER STATUS										METHOD OF DISCOVERY										DISCOVERY DESCRIPTION																																																		
H 23										0 0 1 0 29										NA										C 31										Acceptance testing																																																												
1 6										ACTIVITY CONTENT										AMOUNT OF ACTIVITY										LOCATION OF RELEASE																																																																						
Z 33										Z 34										NA										NA																																																																						
1 7										PERSONNEL EXPOSURES										DESCRIPTION																																																																																
0 0 0 37										Z 38										NA																																																																																
1 8										PERSONNEL INJURIES										DESCRIPTION																																																																																
0 0 0 40																				NA																																																																																
1 9										LOSS OF OR DAMAGE TO FACILITY										DESCRIPTION																																																																																
Z 42																				NA																																																																																
2 0										PUBLICITY										DESCRIPTION																																																																																
N 44																				NA																																																																																

