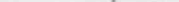


LICENSEE EVENT REPORT

CONTROL BLOCK: 

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CONT 0 1 8
9 V A S P S 2 14
LICENSES CODE
15 2 0 0 - 0 0 0 0 0 0 - 0 0 25
LICENSE NUMBER
26 3 4 1 1 1 1 4 57 CAT 58
LICENSE TYPE

CONT

REPORT SOURCE L 6 0 5 0 0 0 2 8 1 7 0 6 1 4 8 1 8 0 7 0 9 8 1 9

DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 With Unit No.2 at 100% power, and an operator performing the daily operator log,

0 3 the control transformer supplying one of the two fuel oil pumps serving the No. 3

0 4 emergency diesel generator failed. This rendered one fuel oil flow path to the No.

0 5 3 EDG inoperable which is contrary to T.S.3.16.A.5 and is reportable per T.S.6.6.2.

0 6 b. (2) The redundant flow path was verified operable; therefore, the health and safe-

0 7 ty of the general public were not affected.

SYSTEM CODE E E 11		CAUSE CODE E 12		CAUSE SUBCODE A 13		COMPONENT CODE T R A N S F 14		COMP. SUBCODE Z 15		VALVE SUBCODE Z 16	
LER/RO REPORT NUMBER 8		EVENT YEAR 8 1 22		SEQUENTIAL REPORT NO. 0 3 8 24		OCCURRENCE CODE 0 3 28		REPORT TYPE L 30		REVISION NO. 0 32	
ACTION TAKEN C 18		FUTURE ACTION Z 19		EFFECT ON PLANT Z 20		SHUTDOWN METHOD Z 21		HOURS 0 0 0 0 22		ATTACHMENT SUBMITTED Y 23	
CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27		NPRO-4 FORM SUB. N 24		PRIME COMP. SUPPLIER A 25		COMPONENT MANUFACTURER C 7 7 C 26					

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The control transformer for fuel oil pump EE-P-1C failed rendering one fuel oil flow

1 1 path inoperable. The transformer, all burned wiring, and one SOV that failed due to

1 2 overvoltage were replaced. The pump motor was cleaned and the flow path was satis-

1 3 factorily tested and declared operable.

FACILITY STATUS				% POWER				OTHER STATUS				METHOD OF DISCOVERY				DISCOVERY DESCRIPTION			
5	E	28		1	0	0	29		N/A			B	31	Operator Observation					
ACTIVITY CONTENT				RELEASED OF RELEASE				AMOUNT OF ACTIVITY				LOCATION OF RELEASE							
6	Z	33		Z	34				N/A					N/A					
PERSONNEL EXPOSURES				PERSONNEL INJURIES				LOSS OF OR DAMAGE TO FACILITY				PUBLICITY							
NUMBER				NUMBER				TYPE				DESCRIPTION							
7	0	0	0	37	Z	38			N/A										
NUMBER				DESCRIPTION				NUMBER				DESCRIPTION							
3	0	0	0	40					N/A										
TYPE				DESCRIPTION				TYPE				DESCRIPTION							
9	Z	42							N/A										
ISSUED				DESCRIPTION				NRC USE ONLY											
0	N	44							N/A										

NAME OF DEEDPAPER J. L. Wilson

DL 712. (804) 357-3184

8107210300 810709
PDR ADCK 05000280
S PDR

076-110 (D-1)

ATTACHMENT 1
SURRY POWER STATION, UNIT NO. 2
DOCKET NO: 50-281
REPORT NO: 81-038/03L-0
EVENT DATE: 06-14-81

TITLE OF EVENT: CONTROL TRANSFORMER FOR FUEL OIL PUMP (EE-P-1C) FAILED

1. DESCRIPTION OF EVENT:

With Unit No. 2 at 100% power, the operator attempted to start one of the two fuel oil pumps serving the No.3 emergency diesel generator, while taking readings for the daily operator log. The control transformer serving the fuel oil pump failed and burned. This resulted in the loss of fuel oil pump EE-P-1C and therefore, the loss of one of two fuel oil flow paths to the No. 3 EDG. The event is contrary to T.S. 3.16.A.5 and is reportable per T.S. 6.6.2.b(2)

2. PROBABLE CONSEQUENCES AND STATUS OF REDUNDANT EVENT:

The redundant fuel oil flow path to the No. 3 EDG was verified operable by PT-22.2; therefore, the health and safety of the public were not affected.

3. CAUSE OF EVENT:

A random failure of the control transformer for the EDG fuel oil pump motor rendered the flow path inoperable.

4. IMMEDIATE CORRECTIVE ACTION:

The immediate corrective action was to verify the operability of the redundant flow path and notify the electrical department to make the necessary repairs.

5. SUBSEQUENT CORRECTIVE ACTION:

Upon completion of the maintenance work and verification that both fuel oil flow paths were operational, no subsequent corrective action was required.

6. ACTION TAKEN TO PREVENT RECURRENCE:

The failure of the transformer was deemed a random failure; therefore, no further action is required.

7. GENERIC IMPLICATIONS:

None.