

LICENSEE EVENT REPORT

CONTROL BLOCK: _____

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	V A S P S 1										2	0 0 - 0 0 0 0 0 - 0 0										3	4 1 1 1 1					4			5
7	8	LICENSEE CODE										14	LICENSE NUMBER										25	LICENSE TYPE					30	CAT		58

CONT

0 1
7 6

REPORT SOURCE L 6 0 5 0 0 0 2 8 0 7 0 2 0 2 8 3 8 0 2 2 5 8 3 9

60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

012 With Unit 1 and 2 at 88% and 100% respectively, #3 EDG was declared inoperable. This
013 event is contrary to T.S. 3.16.A.1. Prior to this event, Unit 2 "C" waterbox had been
014 stoplogged for maintenance which resulted in the loss of one train of recir spray.
015 With #3 EDG inoperable, "B" IRS pump, on the other R.S. train, was declared inoperable
016 by T.S. definition. These events are reportable per T.S.6.6.2.b(2). Since #1 and #2
017 EDG's remained operable and the S.W. Header to the RSHE's X-tie valves remained open,
018 the health and safety of the public was not affected.

SYSTEM CODE E E 11		CAUSE CODE E 12		CAUSE SUBCODE B 13		COMPONENT CODE X X X X X X 14		COMP. SUBCODE Z 15		VALVE SUBCODE Z 16	
EVENT YEAR 8 3 21 22		SEQUENTIAL REPORT NO. 0 0 4 24 25 26		OCCURRENCE CODE 0 3 28 29		REPORT TYPE L 30		REVISION NO. 0 32			
ACTION TAKEN A 18		FUTURE ACTION 19		EFFECT ON PLANT Z 20		SHUTDOWN METHOD Z 21		HOURS 0 0 0 0 22		ATTACHMENT SUBMITTED Y 23	
NPRD-4 FORM SUB. Y 24		PRIME COMP. SUPPLIER A 25		COMPONENT MANUFACTURER G 1 0 0 26							

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The leaking cooling water pump was due to a worn shaft seal. The waterbox stop logs
1 1 were removed within the time limit specified by T.S. 3.0.1, thus restoring
1 2 operability status to the "A"-IRS and "B" ORS pumps. Also, the #1 and #2 EDG's
1 3 were verified operational. The shaft seal on the cooling water pump was replaced and
1 4 the #3 EDG was tested satisfactorily.

7 8 9
FACILITY STATUS
1 5 E 28
7 8 9

10 11 12 13
% POWER
0 8 8 29
10 11 12 13

14 15 16 17 18 19 20 21 22 23 24 25 26 27
OTHER STATUS (30)
N/A
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
METHOD OF DISCOVERY
B 31
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
DISCOVERY DESCRIPTION (32)
Periodic Test
44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

ACTIVITY CONTENT
RELEASED OF RELEASE AMOUNT OF ACTIVITY (35) LOCATION OF RELEASE (36)

1 6 2 33 10 11 44 N/A 45 80

PERSONNEL EXPOSURES			
NUMBER	TYPE	DESCRIPTION	
117	d d o (27)	Z (36)	N/A

PERSONNEL INJURIES		NUMBER		DESCRIPTION	
1	2	3	4	5	6
		0	0	40	N/A

8		9		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																	
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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	
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1 8 9 10
PUBLICATION (45)
ISSUED DESCRIPTION (44)
8303140551 830225
PDR ADCK 05000280
S PDR
NRC USE ONLY

ATTACHMENT 1

SURRY POWER STATION, UNIT NO. 1

DOCKET NO: 50-280

REPORT NO: 83-004/03L-0

EVENT DATE: 02-02-83

TITLE OF THE EVENT: #3 EMERGENCY DIESEL GENERATOR DECLARED INOPERABLE

1. Description of the Event

On February 2, with Unit 1 steady at 88% power and Unit 2 at 100%, while operating the #3 Emergency Diesel Generator for PT-22.3C (#3 EDG Month Test), a leak was detected from its right side cooling water pump and the #3 EDG was declared inoperable. This event is contrary to T. S. 3.16.A.1.

Also prior to the EDG being declared inoperable, Unit 2 "C" waterbox had been stop logged for maintenance reasons. This resulted in the loss of one train of recirculation spray, specifically "A" inside recirc. spray and "B" outside recirc. spray. With the #3 EDG inoperable, emergency power to the "B" inside recirc. spray pump was not available. Therefore, by Tech Spec definition, the pump was declared inoperable. These events are reportable per T.S. 6.6.2.b(2).

2. Probable Consequences and Status of Redundant Equipment

The emergency diesels supply power to the emergency buses in the event of loss of offsite power. The #3 EDG is a backup to the #1 and #2 EDG's, which supply emergency power to Unit 1 and Unit 2 respectively. Both these diesels remained operable during the event.

Also, one of the two parallel valves on the redundant service water flow path to the heat exchangers was unaffected during the event and the heat exchanger service water header cross tie valves remained open to supply water to both trains of RSHE. For these reasons the health and safety of the public was not affected.

3. Cause

The leaking cooling water pump was due to a worn shaft seal.

4. Immediate Corrective Action

The "C" waterbox stoplogs were removed within the time limit specified in T.S. 3.0.1, thus restoring operability of "A" IRS and "B" ORS. Also, the #1 and #2 EDG's were verified operational.

5. Subsequent Corrective Action

The shaft seal on the cooling water pump was replaced and the #3 EDG was tested satisfactorily.

6. Action Taken to Prevent Recurrence

None required.

7. Generic Implications

None.