

LICENSEE EVENT REPORT

CONTROL BLOCK:

1	2	3	4	5	6
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(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	N	C	B	E	P	2	2	0	0	-	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4		5
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7 8 9 14 15 25 26 30 57 CAT 58

CON'T

0	1	L	6	0	5	0	-	0	3	2	4	7	0	3	0	9	8	2	8	0	4	0	8	8	2	9
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7 8 60 61 68 69 74 75 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 During plant operation, performance of CRD accumulator leak detection instrumentation

0 3 calibration and functional test, PT-01.7.1PC, revealed the C12-LSH-129 accumulator

0 4 leak detectors of CRD accumulators 30-39, 46-11, 46-27, and 06-15 would not respond

0 5 to applied test inputs. The accumulators were declared inoperable. Due to the

0 6 excessive repair time required on 06-15, the control rod was declared inoperable for

0 7 45 minutes per T.S. This event did not affect the health and safety of the public.

Technical Specifications 3.1.3.1, 3.1.3.5, 6.9.1.9b

0	9	R	B	11	E	12	X	13	I	N	S	T	R	U	14	S	15	Z	16
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7 8 9 10 11 12 13 14 15 16 17 18 19 20

17	8	2		0	2	8		0	3	L		0
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21 22 23 24 25 26 27 28 29 30 31 32
ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NPD-4 FORM SUB. PRIME COMP. SUPPLIER COMPONENT MANUFACTURER
X 18 X 19 Z 20 Z 21 0 0 0 0 Y 23 Y 24 N 25 D 0 9 3 26
33 34 35 36 37 38 39 40 41 42 43 44 45 46 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 The cause of the 30-39, 46-11, and 46-27 level switch failures was not determined.

1 1 The switches were cleaned, exercised and the accumulators were returned to service.

1 2 A failed reed switch in the 06-15 level switch prevented its actuation. The switch,

1 3 Model No. 43952, was replaced and the control rod and accumulator were returned to

1 4 service.

1	5	E	28	0	8	3	29	NA	B	31	Periodic Test	32
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7 8 9 10 11 12 13 14 15 16 17 18 19 20

1	6	Z	33	Z	34	NA	NA	NA	NA	NA	NA	NA
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7 8 9 10 11 12 13 14 15 16 17 18 19 20

1	7	0	0	0	37	Z	38	NA	NA	NA	NA	NA
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7 8 9 10 11 12 13 14 15 16 17 18 19 20

1	8	0	0	0	40	NA	NA	NA	NA	NA	NA	NA
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7 8 9 10 11 12 13 14 15 16 17 18 19 20

1	9	Z	42	NA	NA	NA	NA	NA	NA	NA	NA	NA
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7 8 9 10 11 12 13 14 15 16 17 18 19 20

PUBLICITY

DESCRIPTION (45)

2	0
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8204160448 820408
PDR ADOCK 05000324
S PDR

NAME OF PRC

itva, Jr.

PHONE

919-457-9521

NRC USE ONLY

LER ATTACHMENT - RO #2-82-28

Facility: BSEP Unit No. 2

Event Date: March 9, 1982

During plant operation, performance of CRD System accumulator leak detection instrumentation calibration and functional test, PT-01.7.1PC, revealed the C12-LSH-129 CRD accumulator leak detectors for accumulators 30-39, 46-11, 46-27, and 06-15, would not respond to an applied test input. An inspection of the level switches for accumulators 30-39, 46-11, and 46-27 revealed a thin, black deposit of unknown origin and composition on the float and spring assemblies of each switch. The switches were cleaned to remove the deposit. The floats of each switch were exercised several times to assure free movement and the accumulators were returned to service. The level switch of accumulator 06-15 would not actuate due to a failed reed switch in the level switch housing. The level switch was replaced and the accumulator and control rod were restored to service. Due to the repair time for this event exceeding 8 hours (8 hours and 45 minutes), the control rod was declared inoperable for the last 45 minutes per technical specifications.

A review of plant documentation did not reveal any previous similar events with these switches. Although random actual switch failures have occurred in the past, problems associated with the float device have not been identified. The Unit No. 1 level switches are currently being checked. Following the completion of this testing, an evaluation of the need for additional testing will be performed based on the results of both units.