

LICENSEE EVENT REPORT

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

01:	FIL	I	S	L	I	S	I	1	2	0	1	0	1	0	1	0	1	0	1	0	1	3	4	1	1	1	1	1	4	1	1	5
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7 3 9 LICENSEE CODE 14 15 LICENSE NUMBER 35 36 37 38 39

CONT

01:	REPORT SOURCE	IX	5	0	1	5	1	0	1	0	1	3	1	3	5	7	0	1	5	1	1	4	1	8	0	3	0	1	5	1	2	1	1	8	0	9
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7 3 60 61 OCCUPANT NUMBER 38 39 EVENT DATE 74 75 76 77 REPORT DATE 30

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 During shutdown for maintenance, the NSSS notified FPL that partial draining of the RCS while in Mode 5 is a condition that has not been analyzed for the boron dilution event. Reduced RCS volume would result in a predicted time to criticality less than the assumed time period for operator action (assuming the T.S. minimum shutdown margin of 1% Δo existed at the onset of the event). This is reportable under T.S. 6.9.1.8 because a partially drained RCS is less conservative than analyzed in the FSAR.

0 9	SYSTEM CODE	Z Z	11	CAUSE CODE	B	12	CAUSE SUBCODE	A	13	COMPONENT CODE	Z Z Z Z Z Z	14	OCCURRENCE CODE	Z	15	COMP. SUBCODES	Z	16	VALVE SUBCODES	Z																													
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											
(17) LER/RO REPORT NUMBER	EVENT YEAR	8 0		SEQUENTIAL REPORT NO.	0 1 2 1 7		OCCURRENCE	0 1 9		REPORT TYPE	T		REVISION NO.	0																																			
ACTION TAKEN	FUTURE ACTION	Z	EFFECT ON PLANT	Z	SHUTDOWN METHOD	Z	HOURS	0 0 1 0 0	ATTACHMENT SUBMITTED	Y	NPP-1 FORM/SUB.	N	PRIME COMP. SUPPLIER	Z	COMPONENT MANUFACTURER	Z	9 1 9 1 9 1	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					

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 In accordance with NSSS recommendations, procedures were revised to increase the minimum shutdown margin from 1% Δo to 2% Δo (ensures 20 min. time lapse to criticality) and to preclude operation with more than 2 charging pumps with a partially drained RCS in MODE 5. This is the first event of this type. It is also reportable under 10 CFR 21.

1 5	ACTIVITY CONTENT	D	23	% POWER	0 1 0 1 0	29	OTHER STATUS	NA	30	METHOD OF DISCOVERY	D	31	DISCOVERY DESCRIPTION	Notification from NSSS	32																																																		
7 3 9	RELEASED OR RELEASE	Z	33	10	Z	34	11	AMOUNT OF ACTIVITY	NA	44	45	46	LOCATION OF RELEASE	NA	36																																																		
1 6	PERSONNEL EXPOSURES NUMBER	0 1 0 0	37	TYPE	Z	38	DESCRIPTION	NA	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																									
7 3 9	PERSONNEL INJURIES NUMBER	0 1 0 0	40	DESCRIPTION	NA	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	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120										
1 9	LOSS OF OR DAMAGE TO FACILITY TYPE	Z	42	DESCRIPTION	NA	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
2 0	PUBLICITY ISSUED DESCRIPTION	N	44	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	

NAME OF PREPARER M. A. Schoppman

PHONE: (305) 552-3802

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Reportable Occurrence 335-80-27

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Page Two

Additional Information

1. The applicability of this occurrence to St. Lucie Unit 2 and Turkey Point Units 3 & 4 is under consideration.
2. A Technical Specification change is being prepared to address operation in Mode 5 with a partially drained RCS.
3. Entry into Mode 5 is from Modes requiring higher shutdown margins. Deliberate dilution would be required to achieve the minimum shutdown margin specified in Technical Specifications for Mode 5. The higher shutdown margins in Mode 4 and 6 and the need for deliberate dilution to achieve the minimum Mode 5 shutdown margin makes this event unlikely.