NRC FORM-195 (2-76)

U.S. NUCLEAR REGULATORY COMMISSION

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

DOCKET NUMBER: 50-335

FILE NUMBER: INCIDENT REPORT

TO: Mr. Norman C. Moseley

FROM: Florida Power & Light Company, Miami, Florida. A. D. Schmidt

DATE OF DOCUMENT: 8/5/76

DATE RECEIVED: 8/12/76

[X] LETTER [ ] ORIGINAL [X] COPY

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PROP

INPUT FORM

NUMBER OF COPIES RECEIVED: One signed copy

DESCRIPTION

Ltr. trans the following:

(1-P)

PLANT NAME: St. Lucie #1

ENCLOSURE

Licensee Event Report (RO 50-335/76-33) on 7/5/76 concerning the Refueling Water Tank overflowing while pumping water from the primary water tank to the spent fuel pool.

(2-P)

ACKNOWLEDGED
DO NOT REMOVE

NOTE: IF PERSONNEL EXPOSURE IS INVOLVED SEND DIRECTLY TO KREGER/J. COLLINS

FOR ACTION/INFORMATION 8/13/76 RJL

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CONTROL NUMBER: 8184

P.O. BOX 529100, MIAMI, FLORIDA 33101

FLORIDA POWER & LIGHT COMPANY

August 5, 1976

PRN-LI-76-198

Mr. Norman C. Moseley, Director, Region II
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
230 Peachtree Street, N.W., Suite 818
Atlanta, Georgia 30303

Dear Mr. Moseley:

REPORTABLE OCCURRENCE 335-76-33
ST. LUCIE UNIT 1
DATE OF OCCURRENCE: JULY 5, 1976

REFUELING WATER TANK

The attached Licensee Event Report is being submitted in accordance with Technical Specification 6.9 to provide 30-day notification of the subject occurrence.

Very truly yours,

for J R Beusen
A. D. Schmidt
Vice President
Power Resources

MAS:pg

cc: Jack R. Newman, Esquire
Director, Office of Inspection and Enforcement (30)
Director, Office of Management Information and Program Control (3)

8187

LICENSEE EVENT REPORT

CONTROL BLOCK: [ ] (1–6) [PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME	LICENSE NUMBER	LICENSE TYPE	EVENT TYPE
01 FLSL S1 (7–8, 9–14)	00-00000-00 (15–25)	4111 1 (26–30)	03 (31–32)

CONT	CATEGORY	REPORT TYPE	REPORT SOURCE	DOCKET NUMBER	EVENT DATE	REPORT DATE
01 (7–8)	(57–58)	L (59)	L (60)	050-0335 (61–68)	070576 (69–74)	080576 (75–80)

EVENT DESCRIPTION

02 While pumping water from the primary water tank to the spent fuel pool,
03 operations personnel found that the Refueling Water Tank (RWT) was
04 overflowing. The valve lineup was checked and a crossover valve
05 between the RWT and the spent fuel pool system was found open. The
06 valve was closed and the RWT was recirculated in order to get a

SYSTEM CODE	CAUSE CODE	COMPONENT CODE	PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER	VIOLATION
07 RB (9–10)	A (11)	ACCUMU (12–17)	A (43)	C310 (44–47)	N (48)

CAUSE DESCRIPTION

08 A crossover valve between the RWT and the spent fuel pool system was
09 inadvertently left open causing the RWT boron concentration to be
10 diluted below 1720 ppm.

FACILITY STATUS	% POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION
11 E (9)	078 (10–12)	N/A (13–44)	a (45)	N/A (46–80)

FORM OF ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY	LOCATION OF RELEASE
12 Z (9)	Z (10)	N/A (11–44)	N/A (45–80)

PERSONNEL EXPOSURES

NUMBER	TYPE	DESCRIPTION
13 000 (9–11)	Z (12)	N/A (13–80)

PERSONNEL INJURIES

NUMBER	DESCRIPTION
14 000 (9–11)	N/A (12–80)

PROBABLE CONSEQUENCES

15 N/A

LOSS OR DAMAGE TO FACILITY

TYPE	DESCRIPTION
16 Z (9)	N/A (10–80)

PUBLICITY

17 N/A

ADDITIONAL FACTORS

18 See Page 2 for continuation of Event Description

19

NAME: M. A. Schoppman PHONE: 305/552-3779

representative boron concentration sample. Sample analysis indicated a boron concentration of 1653 ppm which was below the minimum boron concentration of 1720 ppm specified in Technical Specification 3.5.4. Concentrated boric acid was added and a sample taken one hour later indicated a boron concentration greater that 1720 ppm. This was the second occurrence at St. Lucie Unit 1 affecting a borated water source, however, the two occurrences were unrelated with respect to cause. The first occurrence (335-76-32) involved a leaking gasket on a relief valve in the boric acid makeup system. (335-76-33).

15

P.O. BOX 3100 MIAMI, FLORIDA 33101

FLORIDA POWER & LIGHT COMPANY

August 5, 1976

PRN-LI-76-198

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Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
230 Peachtree Street, N.W., Suite 818
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Very truly yours,

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A. D. Schmidt
Vice President
Power Resources

MAS:pg

cc: Jack R. Newman, Esquire
Director, Office of Inspection and Enforcement (30)
Director, Office of Management Information and Program Control (3)

LICENSEE EVENT REPORT

CONTROL BLOCK: [ ] 1 6 (PLEASE PRINT ALL REQUIRED INFORMATION)

	LICENSEE NAME	LICENSE NUMBER	LICENSE TYPE	EVENT TYPE
01	FLSLS1	00-00000-00	41111	03
7 8	9 14	15 25	26 30	31 32

	CATEGORY	REPORT TYPE	REPORT SOURCE	DOCKET NUMBER	EVENT DATE	REPORT DATE
01 CON'T		L	L	050-0335	070576	080576
7 8	57 58	59	60	61 68	69 74	75 80

EVENT DESCRIPTION

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07	RB	A	ACCUMU	A	C310	N
7 8 9	10	11	12 17	43	44 47	48

CAUSE DESCRIPTION

08 A crossover valve between the RWT and the spent fuel pool system was
09 inadvertently left open causing the RWT boron concentration to be
10 diluted below 1720 ppm.

	FACILITY STATUS	% POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION
11	E	078	N/A	a	N/A
7 8	9	10 12	13 44	45	46 80

	FORM OF ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY	LOCATION OF RELEASE
12	Z	Z	N/A	N/A
7 8	9	10	11 44	45 80

PERSONNEL EXPOSURES

	NUMBER	TYPE	DESCRIPTION
13	000	Z	N/A
7 8	9 11	12	13 80

PERSONNEL INJURIES

	NUMBER	DESCRIPTION
14	000	N/A
7 8	9 11	12 80

PROBABLE CONSEQUENCES

15 N/A

LOSS OR DAMAGE TO FACILITY

	TYPE	DESCRIPTION
16	Z	N/A
7 8	9	10 80

PUBLICITY

17 N/A

ADDITIONAL FACTORS

18 See Page 2 for continuation of Event Description

19

NAME: M. A. Schoppman PHONE: 305/552-3779

GPO 881-667

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