

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

TO:
Mr. Norman C. Moseley

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

DATE OF DOCUMENT
6/25/76

DATE RECEIVED
7/6/76

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 UNCLASSIFIED

PROP

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No original

DESCRIPTION

Ltr. trans the following:

(1-P)

PLANT NAME:
Turkey Point #4

ENCLOSURE

Licensee Event Report (RO 50-251/76-4) on 6/11/76 concerning boron concentration of the boron injection tank & two of the three boric acid storage tanks being below the lower tech spec limit.

ACKNOWLEDGED
DO NOT REMOVE

(2-P)

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

FOR ACTION/INFORMATION

7/7/76

RJL

BRANCH CHIEF: Lear
W/3 CYS FOR ACTION

LIC. ASST.: Parrish
W/1 CYS
ACRS 16 CYS HOLDING/SENT TO LA

INTERNAL DISTRIBUTION

REG-FILE

NRC PDR

I & E (2)

MIPC-

SCHROEDER/IPPOLITO

HOUSTON

NOVAK/CHECK

GRIMES

CASE

BUTLER

HANAUER

TEDESCO/MACCARY

EISENHUT

BAER

SHAO

VOLLMER/BUNCH

KREGER/J. COLLINS

EXTERNAL DISTRIBUTION

LPDR: Miami, Florida

TIC:

NSIC:

CONTROL NUMBER

6727

50-271

6/25/76

7/2/76

No original

Florida Power & Light Company
Miami, Florida
Mr. W. D. Schmidt

Mr. Norman G. Mosely

License Event Report (90 50-251/76-6) on
6/11/76 concerning boron concentration of
the boron injection tank & two of the three
boric acid storage tanks being below the
lower tech spec limit.

Enc. trans the following:

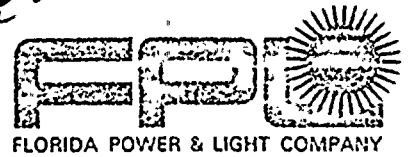
(1-1) (2-2)

Enc. 1, 2, 3

7/7/76 RIL

Lead
Saxton

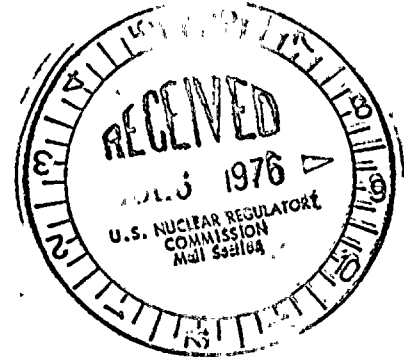
Miami, Florida



June 25, 1976

PRN-LI-76-162

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 251-76-4
TURKEY POINT UNIT 4
DATE OF OCCURRENCE: JUNE 11, 1976

LOW BORON CONCENTRATION

The attached Licensee Event Report is being submitted in accordance with Technical Specification 6.9.2 to provide prompt notification of the subject occurrence.

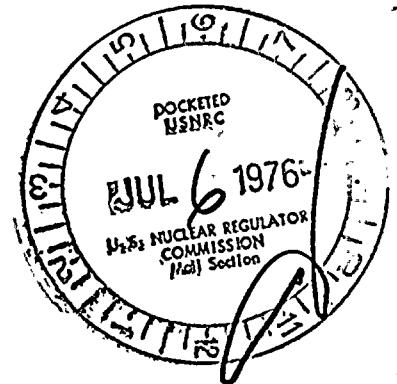
Very truly yours,

A. D. Schmidt
A. D. Schmidt
Vice President
Power Resources

MAS/cpc

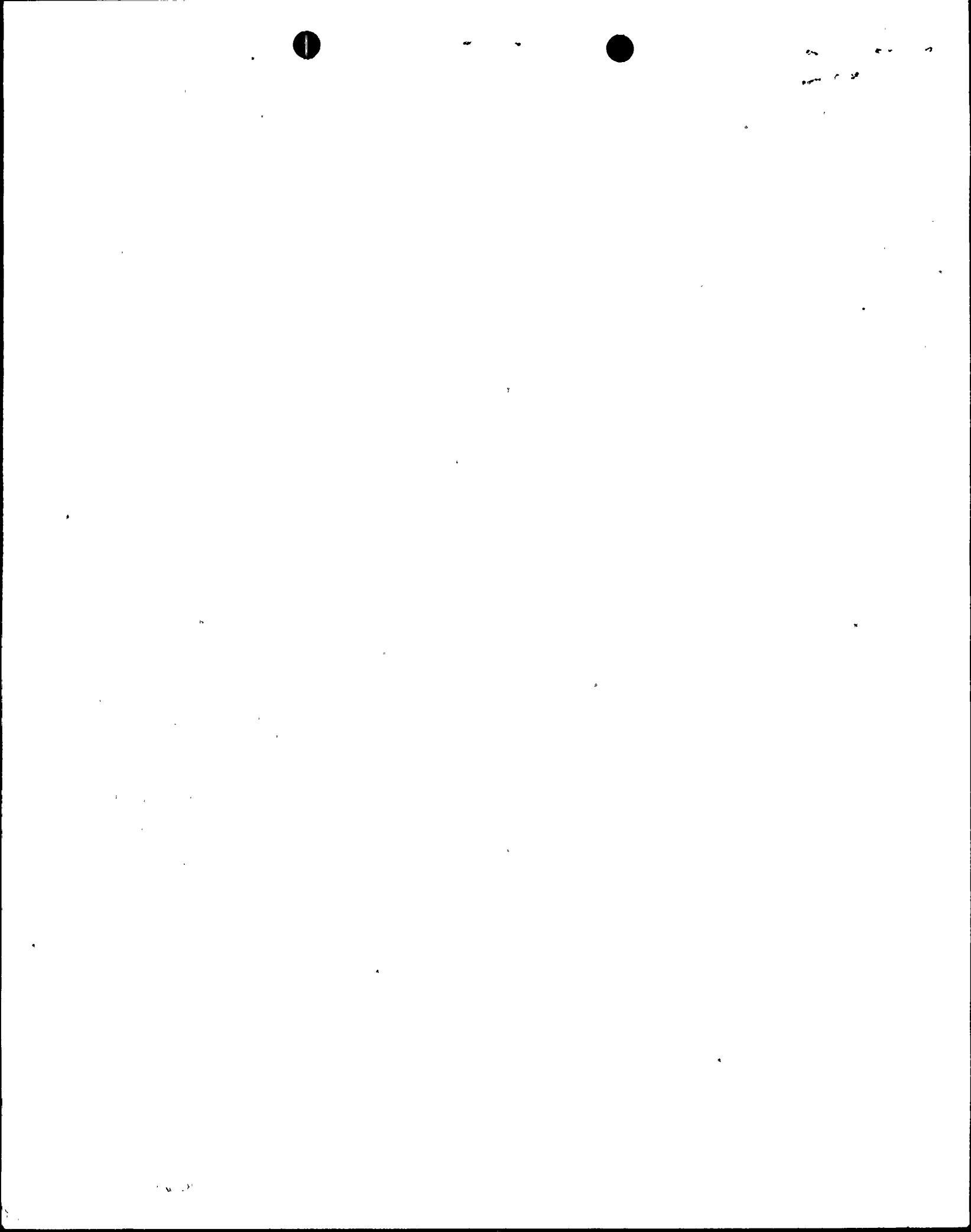
Attachment

cc: Jack R. Newman, Esquire
Director, Office of Inspection and Enforcement (40)
Director, Office of Management Information and
Program Control (3)



Regulatory Docket File

6727



LICENSEE EVENT REPORT

CONTROL BLOCK: 1 6

[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME: 01 F L T P S 4 | LICENSE NUMBER: 00 - 0 0 0 0 0 0 - 0 0 | LICENSE TYPE: 4 1 1 1 1 | EVENT TYPE: 0 1

REPORT TYPE: 01 CONT | CATEGORY: 57 58 | REPORT SOURCE: T L | DOCKET NUMBER: 0 5 0 - 0 2 5 0 | EVENT DATE: 0 6 1 1 7 6 | REPORT DATE: 0 6 2 5 7 6

EVENT DESCRIPTION

02 | During steady state operation, routine sampling showed that the boron
03 | concentration of the boron injection tank (BIT) and two of the three
04 | boric acid storage tanks (BAST) was below the lower Technical Specifica-
05 | tion limit of 20,000 ppm. Corrective action was to initiate a shutdown
06 | in accordance with Administrative Procedure 103.8 and to commence

SYSTEM CODE: 07 S H | CAUSE CODE: E | COMPONENT CODE: V A L V E X | PRIME COMPONENT SUPPLIER: A | COMPONENT MANUFACTURER: D 0 2 5 | VIOLATION: Y

CAUSE DESCRIPTION

08 | The exact cause of the BIT dilution was not found until the problem had
09 | recurred on June 12. At that time, it was found that dilution of the
10 | Unit 4 BIT was caused by inleakage from the RWST via the BIT inlet and

FACILITY STATUS: 11 E | % POWER: 1 0 0 | OTHER STATUS: N/A | METHOD OF DISCOVERY: b | DISCOVERY DESCRIPTION: N/A

FORM OF ACTIVITY RELEASED: 12 Z | CONTENT OF RELEASE: Z | AMOUNT OF ACTIVITY: N/A | LOCATION OF RELEASE: N/A

PERSONNEL EXPOSURES

13 | NUMBER: 0 0 0 | TYPE: Z | DESCRIPTION: N/A

PERSONNEL INJURIES

14 | NUMBER: 0 0 0 | DESCRIPTION: N/A

PROBABLE CONSEQUENCES

15 | N/A

LOSS OR DAMAGE TO FACILITY

16 | TYPE: Z | DESCRIPTION: N/A

PUBLICITY

17 | N/A

ADDITIONAL FACTORS

18 | See Page 2 for continuation of Event Description and Cause Description.

19 |

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

Event Description (Continued)

adding a concentrated boric acid solution to the tanks. The boron concentration of the tanks was returned to within specification and normal operation was resumed. A similar problem experienced by Unit 3 is reported in Reportable Occurrence 250-76-4. (251-76-4).

Cause Description (Continued)

outlet isolation valves. Since the BIT was being recirculated with the BAST system, two of the three BAST's were also diluted. Maintenance was performed on the inlet isolation valves to stop the leakage. Leakage past the outlet isolation valves was stopped by isolating the leakoff line from those valves. Several cases of BIT dilution have occurred, however, this was the first occurrence attributable directly to significant leakage past the isolation valves. Also, a situation in which cross-dilution occurred between a BIT and a BAST was previously discussed in report 251-75-12.



42 10 11



2 10 11