

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER INCIDENT REPORT

TO: Mr. Norman G. Moseley

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

DATE OF DOCUMENT 5/15/77

DATE RECEIVED 6/13/77

LETTER ORIGINAL COPY NOTORIZED UNCLASSIFIED

PROP INPUT-FORM

NUMBER OF COPIES RECEIVED 1 SIGNED

DESCRIPTION DO NOT REMOVE ACKNOWLEDGED PLANT NAME: St. Lucie Unit No. 1 RJL 6/14/77

ENCLOSURE Licensee Event Report (RO 50-335/77-20) on 4/15/77 concerning the incore alarm setpoints being 5% nonconservative... NOTE: IF PERSONNEL EXPOSURE IS INVOLVED SEND DIRECTLY TO KREGER/J. COLLINS

FOR ACTION/INFORMATION

Table with 4 columns for action/information distribution: BRANCH CHIEF, W/3 CYS FOR ACTION, LIC. ASST., W/ CYS, ACRS / CYS HOLDING/SENT AS CAT B

INTERNAL DISTRIBUTION

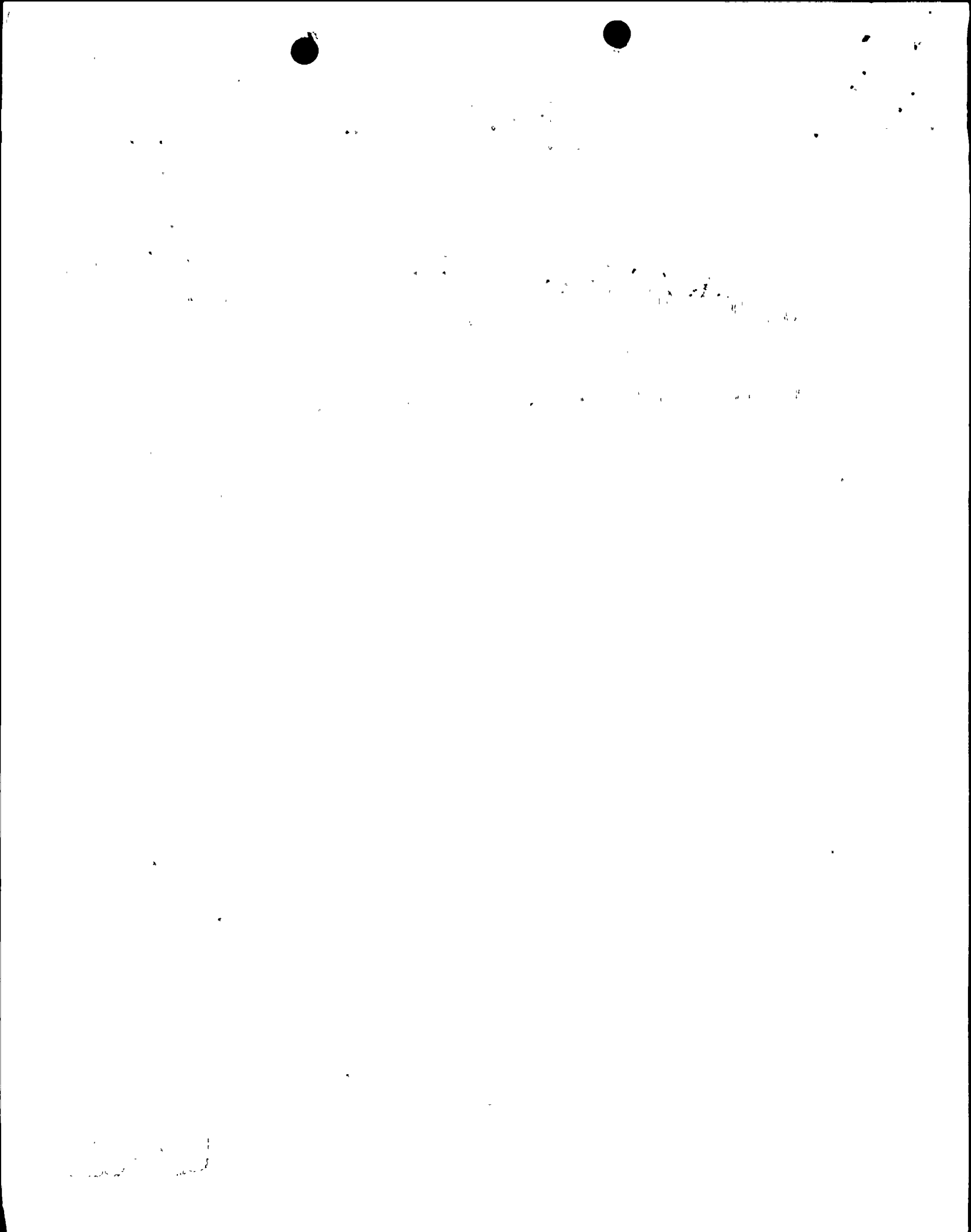
Table with 4 columns for internal distribution: REG FILE, NRC-PDR, I & E (2), HIPC, SCHROEDER/IPPOLITO, HOUSTON, NOVAK/CHECK, GRIMES, BUTLER, HANAUER, TEDESCO/MACCARY, EISENHUT, BAER, SHAO, VOLLMER/BUNCH, KREGER/J. COLLINS

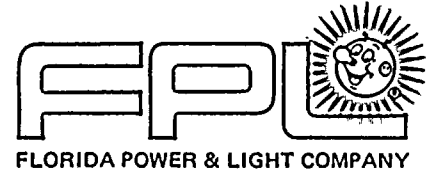
EXTERNAL DISTRIBUTION

Table with 4 columns for external distribution: LPDR: FT PIERCE FLA., TIC, NSIC

CONTROL NUMBER

771650133 A0 4 69



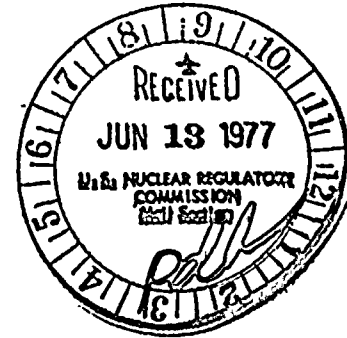


May 15, 1977

PRN-LI-77-146

REGULATORY DOCKET FILE COPY

Mr. Norman C. Moseley, Director, Region II
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
230 Peachtree Street, N. W., Suite 1217
Atlanta, Georgia 30303



Dear Mr. Moseley:

REPORTABLE OCCURRENCE 335-77-20
ST. LUCIE UNIT 1
DATE OF OCCURRENCE: APRIL 15, 1977

GINCA CODE

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,

A. D. Schmidt
Vice President
Power Resources

MAS/cpc

Attachment

cc: Robert Lowenstein, Esquire
Director, Office of Inspection and Enforcement (30)
Director, Office of Management Information and
Program Control (3)

771650133



Small, illegible markings or text in the top right corner.

LICENSEE EVENT REPORT

CONTROL BLOCK:

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[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME:

01	F	L	S	L	S	1
----	---	---	---	---	---	---

 LICENSE NUMBER:

0	0	-	0	0	0	0	0	-	0	0
---	---	---	---	---	---	---	---	---	---	---

 LICENSE TYPE:

4	1	1	1	1
---	---	---	---	---

 EVENT TYPE:

0	3
---	---

CATEGORY:

01	CONT
----	------

 REPORT TYPE:

L

 REPORT SOURCE:

L

 DOCKET NUMBER:

0	5	0	-	0	3	3	5
---	---	---	---	---	---	---	---

 EVENT DATE:

0	4	1	5	7	7
---	---	---	---	---	---

 REPORT DATE:

0	5	1	5	7	7
---	---	---	---	---	---

EVENT DESCRIPTION

02 Specification 4.2.1.4 requires that a rod bow penalty factor of 1.05 be included in the
03 setpoints of the incore detector monitoring system Local Power Density alarms. Calcula-
04 tion of these setpoints is based on output from GINCA, a computer code used to analyze
05 data from the incore flux detectors. This code is supplied and maintained by the NSSS
06 vendor. On December 12, 1976, the vendor removed the rod bow penalty factor from the

SYSTEM CODE:

Z	Z
---	---

 CAUSE CODE:

B

 COMPONENT CODE:

Z	Z	Z	Z	Z	Z
---	---	---	---	---	---

 PRIME COMPONENT SUPPLIER:

N

 COMPONENT MANUFACTURER:

C	4	9	0
---	---	---	---

 VIOLATION:

N

CAUSE DESCRIPTION

08 The NRC approved the deletion of the rod bow penalty factor from the Technical Specifica-
09 tions of another unit supplied by the same vendor. The vendor removed the factor from
10 the GINCA code apparently assuming that the deletion applied to all plants, however, the

FACILITY STATUS:

E

 % POWER:

1	0	0
---	---	---

 OTHER STATUS:

NA

 METHOD OF DISCOVERY:

d

 DISCOVERY DESCRIPTION: _____
FORM OF ACTIVITY RELEASED:

Z

 CONTENT OF RELEASE:

Z

 AMOUNT OF ACTIVITY:

NA

 LOCATION OF RELEASE:

NA

PERSONNEL EXPOSURES

13 NUMBER:

0	0	0
---	---	---

 TYPE:

Z

 DESCRIPTION:

NA

PERSONNEL INJURIES

14 NUMBER:

0	0	0
---	---	---

 DESCRIPTION:

NA

PROBABLE CONSEQUENCES

15 _____ NA

LOSS OR DAMAGE TO FACILITY

16 TYPE: _____ DESCRIPTION: _____ NA

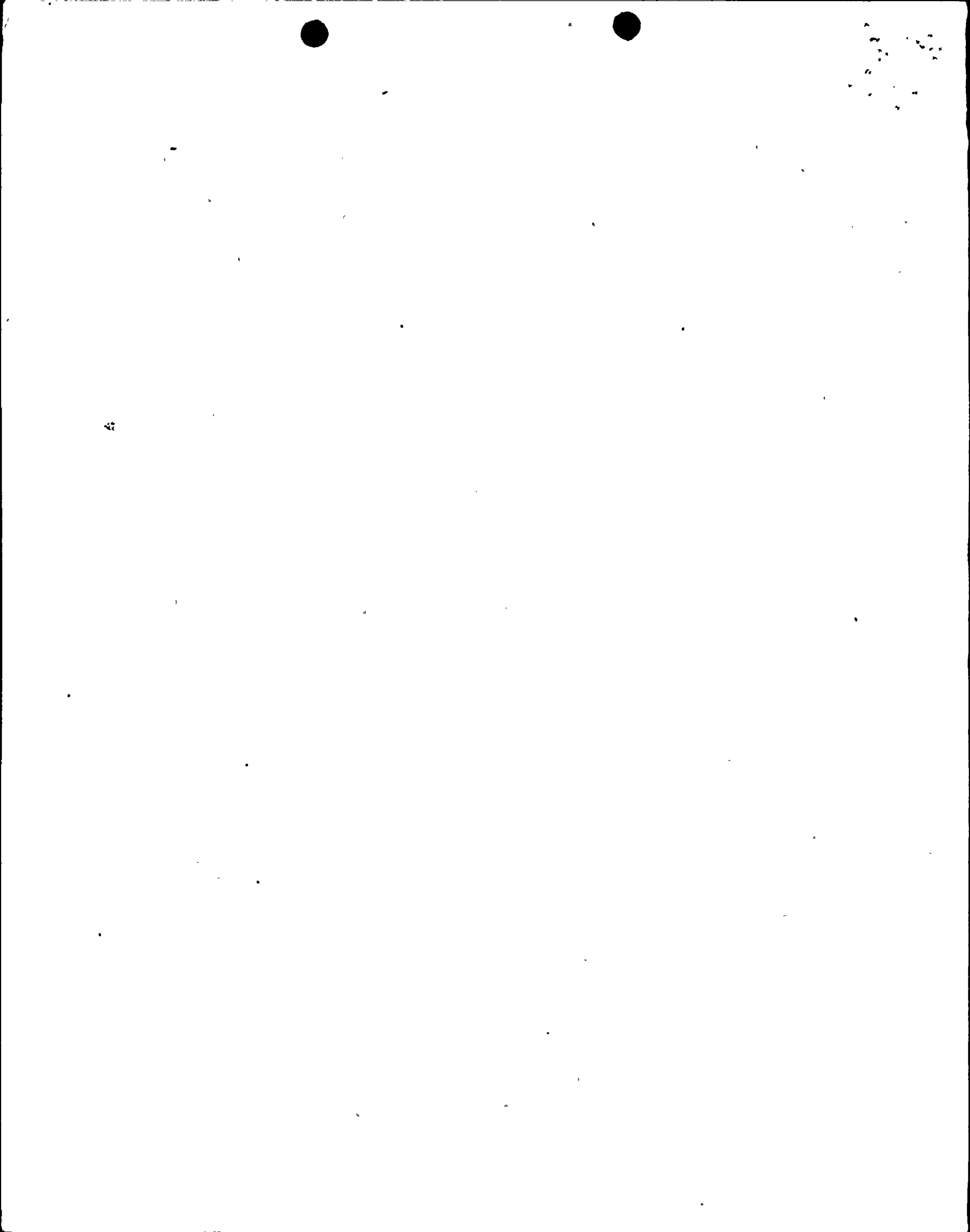
PUBLICITY

17 _____ NA

ADDITIONAL FACTORS

18 See page 2 for continuation of Event Description and Cause Description.

19 _____



REPORTABLE OCCURRENCE 335-77-20
LICENSEE EVENT REPORT
PAGE TWO

NO C MA @ KUB INT

EVENT DESCRIPTION (Continued)

GINCA code. This resulted in the incore alarm setpoints being 5% non-conservative. The Florida Power & Light Company staff noted during an internal review that the factor had been deleted. The alarm setpoints were promptly corrected to include the penalty factor. A review of transient data for the time involved indicated that the corrected setpoints had not been exceeded. The penalty factor has been reincorporated into the setpoints. This was the second occurrence (335-76-34) of non-conservative incore alarm setpoints. (335-77-20).

CAUSE DESCRIPTION (Continued)

factor had not been deleted from the St. Lucie Technical Specifications. We have requested that the vendor promptly inform us of any proposed changes to the GINCA code. We are also preparing a proposed amendment to Technical Specification 4.2.1.4 to officially remove the rod bow penalty factor.

RECEIVED DOCUMENT
PROCESSING UNIT

1977 JUN 13 AM 9 04