

50-335

## NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER

INCIDENT REPORT

TO: N.C. MOSELEY

FROM: A. FLORDIA PWR & LIGHT CO.  
MIAMI, FLORDIA  
A.D. SCHMIDT

DATE OF DOCUMENT

3/17/77

DATE RECEIVED

4/6/77

☒ LETTER☐ NOTORIZED

PROP

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1 signed

## DESCRIPTION

LTR. TRANS THE FOLLOWING.....

(1P)

PLANT NAME: ST. LUCIE # 1  
SAB

## ENCLOSURE

LICENSEE EVENT REPORT FOR. RO.# 77-9, ON2/15/  
77 CONCERNING THE DIGITAL DATA PROCESSING SYS-  
TEM COMPUTER GOING OFF THE LINE BECAUSE OF  
MEMORY DISK CONTENT ERROR.....

(2P)

ACKNOWLEDGED

DO NOT REMOVE

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

## FOR ACTION/INFORMATION

BRANCH CHIEF:

Ziemann

W/3 CYS FOR ACTION

LIC. ASST.:

Riggs

W/1 CYS

ACRS 16 CYS HOLDING/SENT PS CAT B

## INTERNAL DISTRIBUTION

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I &amp; E (2)

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EISENHUT

BAER

SHAO

VOLLMER/BUNGH

KREGER/J. COLLINS

## EXTERNAL DISTRIBUTION

LPDR: FT Pierce, Fla

TIC:

NSIC:

## CONTROL NUMBER

AO 4

770980232 60

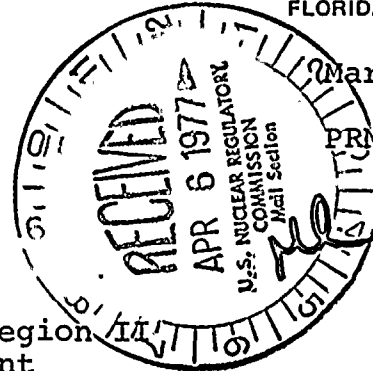
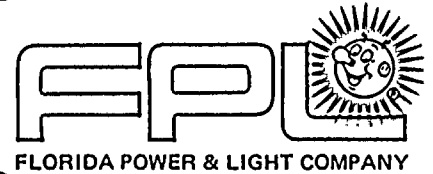
SECRET  
CONFIDENTIAL

1. The purpose of this document is to provide information regarding the activities of the [redacted] in the [redacted] area.

(S) (U)

2. The [redacted] has been observed in the [redacted] area, and it is believed that it is engaged in [redacted] activities.

3. The [redacted] is believed to be a [redacted] organization, and it is believed that it is engaged in [redacted] activities.



March 17, 1977

PRN-LI-77-69

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

Regulatory

File Cy.

Dear Mr. Moseley:

REPORTABLE OCCURRENCE 335-77-9  
ST. LUCIE UNIT 1  
DATE OF OCCURRENCE: FEBRUARY 15, 1977

DIGITAL DATA PROCESSING SYSTEM

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,

*J R Benzen*  
for 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)

770980232



# LICENSEE EVENT REPORT

CONTROL BLOCK: 1 1 1 1 1 6

[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME														LICENSE NUMBER												LICENSE TYPE					EVENT TYPE	
01	F	L	S	L	S	1	0	0	-	0	0	0	0	-	0	0	4	1	1	1	1	0	3									
7	8	9				14	15									25	26						31	32								

CATEGORY		REPORT TYPE	REPORT SOURCE	DOCKET NUMBER					EVENT DATE					REPORT DATE										
01	CONT		L	L	0	5	0	-	0	3	3	5	0	2	1	5	7	7	0	3	1	5	7	7
7	8	57	58	59	60	61					68	69							74	75				80

**EVENT DESCRIPTION**

02	The Digital Data Processing System (DDPS) computer went off the line because of a memory																							80
03	disk content error. This resulted in the loss of CEA pulse counting position indication																							80
04	All reed switch position indication channels were verified operable and all CEA's were																							80
05	fully withdrawn. Also lost was the incore flux monitoring system. This required use of																							80
06	the excore monitoring system and required a reduction in power to ensure the Axial Shape																							80

SYSTEM CODE		CAUSE CODE		COMPONENT CODE					PRIME COMPONENT SUPPLIER		COMPONENT MANUFACTURER			VIOLATION	
07	X	X	A	X	X	X	X	X	X	A	F	1	2	0	N
7	8	9	10	11	12					17	43	44		47	48

**CAUSE DESCRIPTION**

08	A new program that was being tested caused the DDPS to halt because of failure of the																							80
09	auto reload of the core memory from the disk program storage. This was due to a program																							80
10	word missing from the disk program storage. This error was corrected and the DDPS was																							80

FACILITY STATUS		% POWER		OTHER STATUS					METHOD OF DISCOVERY		DISCOVERY DESCRIPTION				
11	B	0	8	9	NA					A	NA				
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	NA					NA					
7	8	9	10	11					44	45			80

**PERSONNEL EXPOSURES**

NUMBER		TYPE		DESCRIPTION										
13	0	0	0	Z	NA									
7	8	9	11	12	13								80	

**PERSONNEL INJURIES**

NUMBER		DESCRIPTION											
14	0	0	0	NA									
7	8	9	11	12									80

**PROBABLE CONSEQUENCES**

15	NA																							80
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**LOSS OR DAMAGE TO FACILITY**

TYPE		DESCRIPTION											
16	Z	NA											
7	8	9	10										80

**PUBLICITY**

17	NA																							80
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**ADDITIONAL FACTORS**

18	See Page two for continuation of Event Description and Cause Description.																							80
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19																								80
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NAME: M. A. Schoppman

PHONE: 305/552-3779



REPORTABLE OCCURRENCE 335-77-9  
LICENSEE EVENT REPORT  
PAGE TWO

EVENT DESCRIPTION (Continued)

Indexes (ASI's) were in accordance with specification 4.2.1.3. This was the first occurrence of loss of the DDPS when reactor power was high enough for compliance with this specification to be a concern. The DDPS was returned to service within 2 hours. This was the fifth time the DDPS has been lost (Reportable Occurrences 335-76-19, 335-76-27, 335-76-38, and 335-76-48) due to various causes.

(335-77-9)

CAUSE DESCRIPTION (Continued)

returned to operation within 2 hours. A previous incorrect computer-to-disk transfer caused the word to be missing from the disk. The computer memory contents were correct, but the disk content error had not been found since this was the first time that the program storage area of the disk had been accessed.

RECEIVED DOCUMENT  
PROCESSING UNIT

1977 APR 6 PM 1 31