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 N C MOSELEY

FROM: FLORIDA POWER & LIGHT CO
MIAMI, FLA....
A D SCHMIDT

DATE OF DOCUMENT: 3-18-76

DATE RECEIVED: 3-26-76

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☒ ORIGINAL ☒ UNCLASSIFIED
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INPUT FORM

NUMBER OF COPIES RECEIVED: 1 SIGNED

DESCRIPTION

LTR TRANS THE FOLLOWING.....

ENCLOSURE

LICENSEE EVENT REPORT 50-335/76-3 ON 3-8-76 RE ESFAS CIRCUITRY DESIGN ERROR THAT CAUSED LOSS OF POWER CAUSING SIGNALS TO GO TO THE BYPASS MODE.... .

PLANT NAME: ST. LUCIE

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

SAFETY — FOR ACTION/INFORMATION — ENVIRO 4-2-76 RLS

BRANCH CHIEF:	PAAR		
W/3 CYS FOR ACTION			
LIC. ASST:	WILSON		
W/ CYS			
ACRS CYS HOLDING/SENT TO LA			

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EXTERNAL DISTRIBUTION

LPDR: FT PIERCE, FL.			
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CONTROL NUMBER: 3085

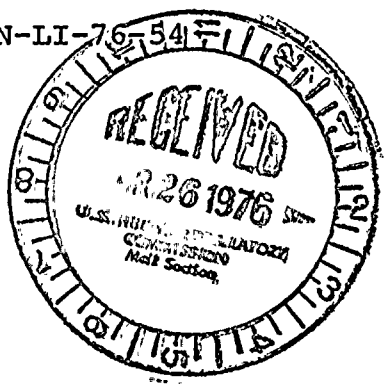
P.O. BOX 013100 MIAMI, FLA. 33101

FPL
FLORIDA POWER & LIGHT COMPANY

Regulatory Docket File

March 18, 1976

PRN-LI-76-54



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 335-76-3
ST. LUCIE UNIT 1
DATE OF OCCURRENCE: MARCH 8, 1976

DESIGN ERROR IN ENGINEERED SAFETY FEATURES ACTUATION SYSTEM

The attached Licensee Event Report is being submitted in accordance with Technical Specification 6.6.1.a to provide prompt notification of the subject occurrence.

Very truly yours,

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)

3085

LICENSEE EVENT REPORT

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

1	2	LICENSEE NAME (7–14)	LICENSE NUMBER (15–25)	LICENSE TYPE (26–30)	EVENT TYPE (31–32)
0	1	F L S L S 1	0 0 – 0 0 0 0 0 – 0 0	4 1	1 1 1	0 1

1	2	CONT	CATEGORY (57–58)	REPORT TYPE (59)	REPORT SOURCE (60)	DOCKET NUMBER (61–68)	EVENT DATE (69–74)	REPORT DATE (75–80)
0	1			T	L	0 5 0 – 0 3 3 5	0 3 0 8 7 6	0 3 1 8 7 6

EVENT DESCRIPTION

02 During preoperational core loading, an engineering review by the FPL General Office
03 Engineering Staff indicated that upon loss of power all ESFAS signals would go to the
04 bypass mode, whereas only the CSAS and RAS signals should do so. FSAR Section 7.3.1.4
05 requires that signals other than CSAS and RAS go to the trip mode upon loss of power.
06 This is the first occurrence of this type. (335-76-3).

07	SYSTEM CODE (10)	CAUSE CODE (11)	COMPONENT CODE (12–17)	PRIME COMPONENT SUPPLIER (43)	COMPONENT MANUFACTURER (44–47)	VIOLATION (48)
	I B	B	I N S T R U	A	C 5 6 0	N

CAUSE DESCRIPTION

08 This occurrence was caused by an ESFAS circuitry design error. All ESFAS signals were
09 wired to go to the bypass mode upon loss of power. Circuit modifications are being
10 made to comply with FSAR Section 7.3.1.4 and will be completed before entering

11	FACILITY STATUS (9)	% POWER (10–12)	OTHER STATUS (13–44)	METHOD OF DISCOVERY (45)	DISCOVERY DESCRIPTION (46–80)
	B	0 0 0	NA	C	Engineering review of ESF circuitry

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

PERSONNEL EXPOSURES

13	NUMBER (10–11)	TYPE (12)	DESCRIPTION (13–80)
	0 0	Z	NA

PERSONNEL INJURIES

14	NUMBER (10–11)	DESCRIPTION (12–80)
	0 0	NA

PROBABLE CONSEQUENCES

15 NA

LOSS OR DAMAGE TO FACILITY

16	TYPE (10)	DESCRIPTION (11–80)
	Z	NA

PUBLICITY

17 NA

ADDITIONAL FACTORS

18 Cause Description (Cont.): Technical Specification mode 4.

19

NAME: M. A. Schoppman PHONE: (305) 552-3779

GPO 881-667