

50-335

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

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

☒ LETTER☐ NOTORIZED

PROP

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NUMBER OF COPIES RECEIVED

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☐ COPY☒ UNCLASSIFIED

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 RIS

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

INTERNAL DISTRIBUTION

<input checked="" type="checkbox"/> REG FILE	
<input checked="" type="checkbox"/> NRC PDR	
<input checked="" type="checkbox"/> I & E (2)	
<input checked="" type="checkbox"/> MIPC (3)	
<input checked="" type="checkbox"/> SCHROEDER/IPPOLITO	
<input checked="" type="checkbox"/> HOUSTON	
<input checked="" type="checkbox"/> NOVAK/CHECK	
<input checked="" type="checkbox"/> GRIMES/SCHWENCER	
<input checked="" type="checkbox"/> CASE	
<input checked="" type="checkbox"/> F. WILLIAMS	
<input checked="" type="checkbox"/> HANAUER	
<input checked="" type="checkbox"/> TEDESCO/MACCARY	
<input checked="" type="checkbox"/> EISENHUT	
<input checked="" type="checkbox"/> BAER	
<input checked="" type="checkbox"/> SHAO	
<input checked="" type="checkbox"/> VOLLMER/BUNCH	
<input checked="" type="checkbox"/> KREGER/J. COLLINS	

EXTERNAL DISTRIBUTION

<input checked="" type="checkbox"/> LPDR: FT RICE, FL.	
<input checked="" type="checkbox"/> TIC	
<input checked="" type="checkbox"/> NSIC	

CONTROL NUMBER

3085



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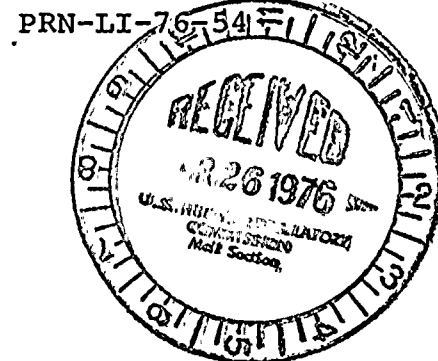
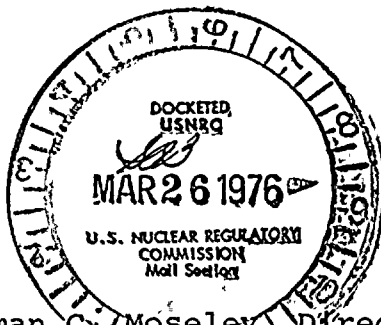
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Regulatory Docket File

March 18, 1976



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

43

LICENSEE EVENT REPORT

CONTROL BLOCK: 1 2 3 4 5 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	0	4	1	1	1	1	0	1		
7	8	9				14	15											25	26					30	31	32

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

EVENT DESCRIPTION

7	8	9	[02] During preoperational core loading, an engineering review by the FPL General Office																									80
7	8	9	[03] Engineering Staff indicated that upon loss of power all ESFAS signals would go to the																									80
7	8	9	[04] bypass mode, whereas only the CSAS and RAS signals should do so. FSAR Section 7.3.1.4																									80
7	8	9	[05] requires that signals other than CSAS and RAS go to the trip mode upon loss of power.																									80
7	8	9	[06] This is the first occurrence of this type. (335-76-3).																									80

SYSTEM CODE		CAUSE CODE	COMPONENT CODE					PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER			VIOLATION		
07	I	B	I	N	S	T	R	U	A	C	5	6	0	N
7	8	9	10					17	43		44		47	48

CAUSE DESCRIPTION

7	8	9	[08] This occurrence was caused by an ESFAS circuitry design error. All ESFAS signals were																									80
7	8	9	[09] wired to go to the bypass mode upon loss of power. Circuit modifications are being																									80
7	8	9	[10] made to comply with FSAR Section 7.3.1.4 and will be completed before entering																									80

FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION																			
11	B	0	0	0	NA	c	Engineering review of ESF circuitry																				
7	8	9	10	11	12	13	44	45	46																		

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																		

PERSONNEL EXPOSURES

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

PERSONNEL INJURIES

NUMBER			DESCRIPTION																			
14	0	0	NA																			
7	8	9	11	12																		

PROBABLE CONSEQUENCES

7	8	9	[15] NA																									80
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LOSS OR DAMAGE TO FACILITY

TYPE		DESCRIPTION																								
16	Z	NA																								
7	8	9	10																							

PUBLICITY

7	8	9	[17] NA																									80
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ADDITIONAL FACTORS

7	8	9	[18] Cause Description (Cont.): Technical Specification mode 4.																									80
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7	8	9	[19]																									80
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NAME: M. A. Schoppman

PHONE: (305) 552-3779

