

208/02/78

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)  
DISTRIBUTION FOR INCOMING MATERIAL 50-335

REC: OREILLY J P  
NRC

ORG: SCHMIDT A D  
FL PWR & LIGHT

DOCDATE: 07/07/78  
DATE RCVD: 07/31/78

DOCTYPE: LETTER NOTARIZED: NO

COPIES RECEIVED  
LTR 1 ENCL 1

SUBJECT: FORWARDING LICENSEE EVENT REPT (RO 50-335/78-020) ON 06/07/78 CONCERNING  
DURING PWR ASCENSION PHYSICS TESTING FOLLOWING A REFUELING OUTAGE, CEA #65  
DROPPED... W/ATT.

PLANT NAME: ST LUCIE #1

REVIEWER INITIAL: XJM  
DISTRIBUTOR INITIAL: DL

\*\*\*\*\* DISTRIBUTION OF THIS MATERIAL IS AS FOLLOWS \*\*\*\*\*

INCIDENT REPORTS  
(DISTRIBUTION CODE A002)

FOR ACTION: BR CHIEF ORB#4 BC\*\*W/4 ENCL

INTERNAL:	<del>REG FILE</del> **W/ENCL	NRC PDR**W/ENCL
	I & E**W/2 ENCL	MIPC**W/3 ENCL
	I & C SYSTEMS BR**W/ENCL	EMERGENCY PLAN BR**W/ENCL
	NOVAK/CHECK**W/ENCL	EEB**W/ENCL
	AD FOR ENG**W/ENCL	PLANT SYSTEMS BR**W/ENCL
	HANAUER**W/ENCL	AD FOR PLANT SYSTEMS**W/ENCL
	AD FOR SYS & PROJ**W/ENCL	REACTOR SAFETY BR**W/ENCL
	ENGINEERING BR**W/ENCL	VOLLMER/BUNCH**W/ENCL
	KREGER/J. COLLINS**W/ENCL	POWER SYS BR**W/ENCL
	K SEYFRIT/IE**W/ENCL	

EXTERNAL: LPDR'S  
 FT PIERCE, FL\*\*W/ENCL  
 TIC, LIZ CARTER\*\*W/ENCL  
 NSIC\*\*W/ENCL  
 ACRS CAT B\*\*W/16 ENCL

DISTRIBUTION: LTR 45 ENCL 45  
SIZE: 1P+1P+1P

CONTROL NBR: 782140109  
AG 4  
GD

\*\*\*\*\* THE END \*\*\*\*\*



REGULATORY DOCKET FILE COPY



July 7, 1978  
PRN-LI-78-180

Mr. James P. O'Reilly, Director, Region II  
Office of Inspection and Enforcement  
U. S. Nuclear Regulatory Commission  
230 Peachtree Street, N. W., Suite 1217  
Atlanta, Georgia 30303

RECEIVED DISTRIBUTION  
SERVICES UNIT  
1978 JUL 31 AM 10 35  
US NRC  
DISTRIBUTION SERVICES  
BRANCH

Dear Mr. O'Reilly:

REPORTABLE OCCURRENCE 335-78-20  
ST. LUCIE UNIT 1  
DATE OF OCCURRENCE: JUNE 7, 1978  
TECHNICAL SPECIFICATION 3.1.3.1.e  
CEA 65

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: Harold F. Reis, Esquire  
Director, Office of Inspection and Enforcement (30)  
Director, Office of Management Information and  
Program Control (3)

782140109

A002  
S. 11



17

17

LICENSEE EVENT REPORT

CONTROL BLOCK: \_\_\_\_\_ (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 | FIL | SIL | IS | I | \_\_\_\_\_ | 0 | 0 | 1 | - | 0 | 10 | 10 | 10 | 10 | 10 | - | 10 | 10 | 0 | 3 | 4 | 1 | 1 | 1 | 1 | 1 | 1 | 4 | \_\_\_\_\_ | 5  
7 3 9 14 15 25 26 30 37 38 39

CONT  
01 | REPORT SOURCE | L | 0 | 15 | 10 | 10 | 10 | 13 | 13 | 15 | 7 | 0 | 6 | 10 | 17 | 17 | 18 | 3 | 0 | 17 | 10 | 17 | 17 | 18 | 9  
7 3 50 61 53 59 74 75 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

012 | During power ascension physics testing following a refueling outage, CEA  
013 | #65 dropped. Reactor power was about 80 percent and the CEA group, of  
014 | which CEA #65 was a part, was in the process of being inserted manually  
015 | for testing. Required action in accordance with Technical Specification  
016 | 3.1.3.1.e was taken and CEA #65 was restored to its normal position within  
017 | the applicable time limit.

013 | \_\_\_\_\_  
7 8 9 30

09 | SYSTEM CODE | R | B | 11 | CAUSE CODE | X | 12 | CAUSE SUBCODE | X | 13 | COMPONENT CODE | Z | Z | Z | Z | Z | Z | 14 | COMP. SUBCODE | X | 15 | VALVE SUBCODE | Z | 16  
7 3 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32  
17 | LER/RO REPORT NUMBER | 7 | 18 | EVENT YEAR | 7 | 19 | SEQUENTIAL REPORT NO. | 0 | 20 | OCCURRENCE CODE | 1 | 21 | REPORT TYPE | L | 22 | REVISION NO. | 0 |  
21 22 23 24 25 26 27 28 29 30 31 32  
ACTION TAKEN | Z | 18 | FUTURE ACTION | Z | 19 | EFFECT ON PLANT | B | 20 | SHUTDOWN METHOD | Z | 21 | HOURS | 10 | 22 | ATTACHMENT SUBMITTED | Y | 23 | APPROV. FORM SUB. | N | 24 | PRIME COMP. SUPPLIER | Z | 25 | COMPONENT MANUFACTURER | Z | 9 | 9 | 9 | 9 | 26  
33 34 35 36 37 38 39 40 41 42 43 44 45 46 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

110 | The cause of the dropped CEA is not known. No cause could be determined  
111 | for tripping and no other abnormal conditions were found. CEA #65  
112 | operated properly when restored to its normal position and has performed  
113 | normally for four weeks.

113 | \_\_\_\_\_  
7 8 9 30

15 | FACILITY STATUS | B | 23 | % POWER | 0 | 18 | 10 | 29 | OTHER STATUS | NA | 30 | METHOD OF DISCOVERY | A | 31 | DISCOVERY DESCRIPTION | Operator Observation | 32  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

15 | ACTIVITY CONTENT | Z | 33 | RELEASED OF RELEASE | Z | 34 | AMOUNT OF ACTIVITY | NA | 35 | LOCATION OF RELEASE | NA | 36  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

17 | PERSONNEL EXPOSURES NUMBER | 0 | 0 | 0 | 37 | TYPE | Z | 38 | DESCRIPTION | NA | 39  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

18 | PERSONNEL INJURIES NUMBER | 0 | 0 | 0 | 40 | DESCRIPTION | NA | 41  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

19 | LOSS OF OR DAMAGE TO FACILITY TYPE | Z | 42 | DESCRIPTION | NA | 43  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

20 | PUBLICITY ISSUED | N | 44 | DESCRIPTION | NA | 45  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

20 | \_\_\_\_\_  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

NAME OF PREPARER M. A. Schoppman

PHONE: (305) 552-3802

NRC USE ONLY

Additional Event Description

As a result of the reactivity insertion, azimuthal power tilt ( $T_q$ ) increased to 0.076 and total integrated radial peaking factor ( $F_{r^t}$ ) increased to 1.576, which required action in accordance with Technical Specifications 3.2.4 and 3.2.3, respectively. Reactor power was reduced, and  $T_q$  and  $F_{r^t}$  were returned to normal within the applicable time limits. This was the third occurrence of a dropped CEA for which the cause is not known (refer to LER 335-77-6 and LER 335-78-18).