

E 05/01/78

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

REC: OREILLY J P
NRC

ORG: SCHMIDT A D
FL PWR & LIGHT

DOC DATE: 04/28/78
DATE RCVD: 05/09/78

DOCTYPE: LETTER NOTARIZED: NO COPIES RECEIVED
SUBJECT: LTR 1 ENCL 1

FORWARDING LICENSEE EVENT REPT (RO 50-335/78-11) ON 04/15/78 CONCERNING WHEN
UPPER GUIDE STRUCTURE WAS REMOVED (REFUELING SHUTDOWN), 3 (OF 45) INCORE
INSTRUMENT THIMBLES REMAINED IN THE CORE... ALL THREE SHOWED EVIDENCE THAT A
CLEAN SEPARATION HAD OCCURRED BEFORE PLANT COOLDOWN

PLANT NAME: ST LUCIE #1

REVIEWER INITIAL: XJM
DISTRIBUTOR INITIAL: M

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

INCIDENT REPORTS
(DISTRIBUTION CODE A002)

FOR ACTION: BR CHIEF REID**W/4 ENCL

INTERNAL:

REG FILE**W/ENCL
I & E**W/2 ENCL
SCHROEDER/IPPOLITO**W/ENCL
NOVAK/CHECK**W/ENCL
KNIGHT**W/ENCL
HANAUER**W/ENCL
EISENHUT**W/ENCL
SHAO**W/ENCL
KREGER/J. COLLINS**W/ENCL
K SEYFRIT/IE**W/ENCL

NRC PDR**W/ENCL
MIPC**W/3 ENCL
HOUSTON**W/ENCL
EEB**W/ENCL
BUTLER**W/ENCL
TEDESCO**W/ENCL
BAER**W/ENCL
VOLLMER/BUNCH**W/ENCL
ROSA**W/ENCL

EXTERNAL:

LPDR'S
FT PIERCE, FL**W/ENCL
TIC**W/ENCL
NSIC**W/ENCL
ACRS CAT B**W/16 ENCL

COPIES NOT SUBMITTED PER
REGULATORY GUIDE 10.1

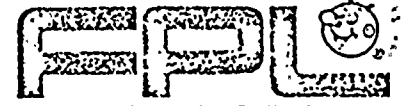
DISTRIBUTION: LTR 45 ENCL 45
SIZE: 1P+2P

CONTROL NBR: 781300090

AD 4
SD

***** THE END *****

REGULATORY DOCKET FILE COPY



FLORIDA POWER & LIGHT COMPANY

April 28, 1978

PRN-LI-78-123

US NRC
DISTRIBUTION SERVICES
BRANCH

1978 MAY 9 9 AM 10 04

RECEIVED DISTRIBUTION
SERVICES UNIT

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

Dear Mr. O'Reilly:

REPORTABLE OCCURRENCE 335-78-11
ST. LUCIE UNIT 1
DATE OF OCCURRENCE: APRIL 15, 1978

TECHNICAL SPECIFICATION 6.9.1.8.i
INCORE INSTRUMENT THIMBLES

The attached Licensee Event Report is being submitted in accordance with Technical Specification 6.9 to provide prompt notification of the subject occurrence.

Very truly yours,

for *JR Beusen*
A. D. Schmidt
Vice President

MAS/mb

Attachment

cc: Robert Lowenstein, Esquire
Director, Office of Inspection and Enforcement (40)
Director, Office of Management Information and
Program Control (3)

781300090

A002
S
11

1971

NO. 100-10000

RECEIVED
FBI

100-10000

LICENSEE EVENT REPORT

CONTROL BLOCK:

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(PLEASE PRINT ALL REQUIRED INFORMATION)

01	F	L	S	L	S	I	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
01	CONT																								
7	8																								

EVENT DESCRIPTION

02	When the Upper Guide Structure (UGS) was removed (refueling shutdown), 3 (of 45) incore																											
7	8	9																									80	
03	instrument thimbles (or scabbards) remained in the core. All three showed evidence that																											
7	8	9																									80	
04	a clean separation (no loose pieces) had occurred before plant cooldown. Each separation																											
7	8	9																									80	
05	was at the point of attachment to the UGS instrument plate. These thimbles are not																											
7	8	9																									80	
06	pressure boundaries; they act a "bushings" to support the incore detectors and to																											
7	8	9																									80	

07	R	A	B	X	X	X	X	X	X	N	C	4	9	0	N
7	8	9	10	11	12				17	43	44			47	48

CAUSE DESCRIPTION

08	The exact cause is not yet known, but the 3 tubes all separated at a threaded connection.																											
7	8	9																									80	
09	Further examination and evaluation is planned to aid in determining the exact cause and																											
7	8	9																									80	
10	the potential for recurrence. The results of this evaluation will be reported in a																											
7	8	9																									80	

11	H	0	0	0	N/A	a	N/A						
7	8	9	10	11	12	13	44	45	46	80			
12	Z	Z	N/A										N/A
7	8	9	10	11			44	45		80			

PERSONNEL EXPOSURES

13	0	0	0	Z	N/A												
7	8	9	11	12	13											80	

PERSONNEL INJURIES

14	0	0	0	N/A												
7	8	9	11	12											80	

PROBABLE CONSEQUENCES

15	These thimbles are not a pressure boundary.																											
7	8	9																									80	

LOSS OR DAMAGE TO FACILITY

15	Z	N/A																									
7	8	9	10																								80

PUBLICITY

17	N/A																											
7	8	9																									80	

ADDITIONAL FACTORS

18	See page 2 for continuation of Event and Cause Descriptions.																											
7	8	9																									80	

19																												
7	8	9																									80	

NAME: M. A. Schoppman

PHONE: 305-552-3802

REPORTABLE OCCURRENCE 335-78-11
LICENSEE EVENT REPORT
PAGE TWO

EVENT DESCRIPTION (continued)

prevent detector movement in the fuel assembly CEA guide tubes. Although evidence showed that the thimbles separated before the plant shutdown, there was no effect on plant operation because the associated detectors were still fully operable and the system is designed with a high degree of redundancy. This item is being reported as a potentially generic problem. This is the first event of its type at St. Lucie. (335-78-11)

CAUSE DESCRIPTION (continued)

supplemental Licensee Event Report or in a repair report from the vendor.