A 07/10/78

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

REC: O'REILLY J P
NRC

ORG: SCHMIDT A D
FL PWR & LIGHT

DOCDATE: 06/28/78
DATE RCVD: 07/07/78

DOCTYPE: LETTER NOTARIZED: NO
SUBJECT:

COPIES RECEIVED
LTR 1 ENCL 1

FORWARDING LICENSEE EVENT REPT (RO 50-335/78-019) ON 05/30/78 CONCERNING DURING SPECIAL LOW PWR FEEDWATER CONTROL SYSTEM TEST, A 15% FEEDWATER BYPASS CONTROL VALVE INADVERTENTLY OPENED FULLY CAUSING EXCESSIVE COOLING OF 1A STEAM GENERATOR.

PLANT NAME: ST LUCIE #1

REVIEWER INITIAL: XJM
DISTRIBUTOR INITIAL: mc

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

INCIDENT REPORTS
(DISTRIBUTION CODE A002)

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

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

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

A10 4

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

CONTROL NBR: 781880119

60

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

REGULATORY DOCKET FILE COPY

FLORIDA POWER & LIGHT COMPANY

June 28, 1978
PRN-LI-78-173

78 JUL 7 AM 8 39
US NRC DISTRIBUTION SERVICES BRANCH
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 335-78-19
ST.LUCIE UNIT 1
DATE OF OCCURRENCE: MAY 30, 1978

TECHNICAL SPECIFICATION 3.1.1.5
RCS AVERAGE TEMPERATURE

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,

for J R Beuser
A. D. Schmidt
Vice President
Power Resources

MAS/pa

Attachment

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

781880119

A002
S/1

NRC FORM 366
(7-77)

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

CONTROL BLOCK: | | | | | | | (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 | F L S L S 1 (2) | 0 0 - 0 0 0 0 0 - 0 0 (3) | 4 1 1 1 1 (4) | | (5)
LICENSEE CODE | LICENSE NUMBER | LICENSE TYPE | CAT

CON'T 0 1 REPORT SOURCE | L (6) | 0 5 0 0 0 3 3 5 (7) | 0 5 3 0 7 8 (8) | 0 6 2 8 7 8 (9)
DOCKET NUMBER | EVENT DATE | REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 During a special low power (about 3%) feedwater control system test, a 15%
0 3 feedwater bypass control valve inadvertently opened fully causing excessive
0 4 cooling of 1A Steam Generator. Reactor coolant system average temperature
0 5 dropped slightly below 515F (about 1F) requiring ACTION in accordance with
0 6 Specification 3.1.1.5. The reactor was tripped manually when this occurred.
0 7 This was the first occurrence of this type at St. Lucie.
0 8

	SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
0 9	R B (11)	E (12)	X (13)	I N S T R U (14)	C (15)	Z (16)

(17) LER/RO REPORT NUMBER

EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
7 8	—	0 1 9	/	0 3	L	—	0

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS (22)	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER
E (18)	Z (19)	A (20)	B (21)	0 0 0 1	N (23)	N (24)	N (25)	C 4 9 0 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 A vendor proposed modification of the 15% Feedwater Control System was tem-
1 1 porarily installed on the A loop for feasibility testing (to improve stabil-
1 2 ity of the automatic mode). Gain settings based on analytical results
1 3 proved to be unrealistic and caused the bypass valve to open. The settings
1 4 were changed to allow completion of the test.

1 5 FACILITY STATUS X (28) | % POWER 0 0 3 (29) | OTHER STATUS (30) Special Test | METHOD OF DISCOVERY A (31) | DISCOVERY DESCRIPTION (32) Operator Observation

1 6 ACTIVITY RELEASED Z (33) | CONTENT OF RELEASE Z (34) | AMOUNT OF ACTIVITY (35) N/A | LOCATION OF RELEASE (36) N/A

PERSONNEL EXPOSURES
1 7 NUMBER 0 0 0 (37) | TYPE Z (38) | DESCRIPTION (39) N/A

PERSONNEL INJURIES
1 8 NUMBER 0 0 0 (40) | DESCRIPTION (41) N/A

LOSS OF OR DAMAGE TO FACILITY (43)
1 9 TYPE Z (42) | DESCRIPTION N/A

PUBLICITY
2 0 ISSUED N (44) | DESCRIPTION (45) N/A | NRC USE ONLY

NAME OF PREPARER M. A. Schoppman PHONE: (305) 552-3802