09/04/78

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

REC: OREILLY J P
NRC

ORG: SCHMIDT A D
FL PWR & LIGHT

DOCDATE: 08/25/78
DATE RCVD: 09/05/78

DOCTYPE: LETTER NOTARIZED: NO
SUBJECT:
FORWARDING LICENSEE EVENT REPT (RO 50-335/78-029) ON 07/28/78 CONCERNING NOTIFICATION BY APPLICANT"S VENDOR OF POTENTIAL PROBLEM WITH CERTAIN MOTOR OPERATED VALVES. . . W/ATT.

COPIES RECEIVED
LTR 1 ENCL 1

PLANT NAME: ST LUCIE #1

REVIEWER INITIAL: XJM
DISTRIBUTOR INITIAL: my

********** 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
NSIC**W/ENCL
ACRS CAT B**W/16 ENCL

DISTRIBUTION: LTR 44 ENCL 44
SIZE: 1P+1P+1P

CONTROL NBR: 782480133

A004 GD

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

FLORIDA POWER & LIGHT COMPANY

August 25, 1978

PRN-LI-78-237

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 335-78-29
ST. LUCIE UNIT 1
DATE OF OCCURRENCE: JULY 28, 1978

TECHNICAL SPECIFICATION 6.9.1.9.C

MOTOR OPERATED VALVES

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,

JRBensen
for A.D. Schmidt
Vice President
Power Resources

MAS/sn

Attachment

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

782480133

PEOPLE ... SERVING PEOPLE

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 X (6) | 0 5 0 0 0 3 3 5 (7) | 0 7 2 8 7 8 (8) | 0 8 2 5 7 8 (9)
DOCKET NUMBER | EVENT DATE | REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 Our NSSS vendor notified us that we had a potential problem
0 3 with certain motor operated valves (MOVs). All suspect
0 4 safety-related MOVs outside containment were inspected and,
0 5 if necessary, repaired. All suspect safety-related MOVs
0 6 inside containment will be inspected and, if necessary,
0 7 repaired at the first shutdown of sufficient length, but no
0 8 later than the next refueling.

SYSTEM CODE	S H (11)
CAUSE CODE	B (12)
CAUSE SUBCODE	B (13)
COMPONENT CODE	V A L V O P (14)
COMP. SUBCODE	A (15)
VALVE SUBCODE	Z (16)

(17) LER/RO REPORT NUMBER: EVENT YEAR 7 8 — SEQUENTIAL REPORT NO. 0 2 9 / OCCURRENCE CODE 0 3 — REPORT TYPE L — REVISION NO. 0

ACTION TAKEN	B (18)
FUTURE ACTION	B (19)
EFFECT ON PLANT	Z (20)
SHUTDOWN METHOD	Z (21)
HOURS (22)	0 0 0 0
ATTACHMENT SUBMITTED	Y (23)
NPRD-4 FORM SUB.	N (24)
PRIME COMP. SUPPLIER	N (25)
COMPONENT MANUFACTURER	L 2 0 0 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 Some of these motor operators have been assembled with the
1 1 locking nut "staked" improperly. Installed valves with
1 2 improperly staked locking nuts have been or will be staked
1 3 correctly.
1 4

FACILITY STATUS	E (28)
% POWER	1 0 0 (29)
OTHER STATUS (30)	NA
METHOD OF DISCOVERY	D (31)
DISCOVERY DESCRIPTION (32)	Notified by NSSS vendor
ACTIVITY RELEASED	Z (33)
CONTENT OF RELEASE	Z (34)
AMOUNT OF ACTIVITY (35)	NA
LOCATION OF RELEASE (36)	NA
PERSONNEL EXPOSURES NUMBER	0 0 0 (37)
PERSONNEL EXPOSURES TYPE	Z (38)
PERSONNEL EXPOSURES DESCRIPTION (39)	NA
PERSONNEL INJURIES NUMBER	0 0 0 (40)
PERSONNEL INJURIES DESCRIPTION (41)	NA
LOSS OF OR DAMAGE TO FACILITY TYPE	Z (42)
LOSS OF OR DAMAGE TO FACILITY DESCRIPTION (43)	NA
PUBLICITY ISSUED	N (44)
PUBLICITY DESCRIPTION (45)	NA

NRC USE ONLY

NAME OF PREPARER M.A. SCHOPPMAN PHONE: 305-552-3802

ADDITIONAL EVENT DESCRIPTION and PROBABLE CONSEQUENCES

Our NSSS vendor notified us that another plant had experienced a motor operated valve (MOV) failure and that we had some safety-related MOV's with a potential for the same failure. After investigation, other suspect MOV's were indentified in safety-related systems not supplied by the NSSS vendor. All suspect safety-related MOV's outside containment were inspected and repaired if necessary. All suspect safety-related MOV's inside containment will be inspected and, if necessary, repaired at the first shutdown of sufficient length, but no later than the next refueling (now scheduled for April, 1979) It should be noted that of the 10 such operators inside containment, 4 are locked open and de-energized during power operation (per Technical Specifications), 4 are locked closed and never opened during power operation and two (normally open and not cycled) have no safety-related function at power. Although we have had no failures during 3 years of testing and operations, there is a potential for failure so this report is being made in accordance with Specification 6.9.1.C.

ADDITIONAL CAUSE DESCRIPTION and CORRECTIVE ACTIONS

Some of these motor-operators have been assembled by valve vendors with the operator locking nut "staked" improperly. The locking nut keeps the stem nut, which connects the motor drive sleeve to the valve stem, from moving axially. Such movement could disengage the stem nut from the valve stem and drive sleeve, thus rendering the valve inoperable. Installed valves with improperly staked locking nuts have been or will be staked correctly as noted in the Event Description.