

50-335

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER
INCIDENT REPORT

TO: Mr. Noeman G. Moseley

FROM: Florida Power & Light Company
Miami, Florida
A. D. Schmidt

DATE OF DOCUMENT
4/15/77

DATE RECEIVED
4/26/77

LETTER
 ORIGINAL
 COPY

NOTORIZED
 UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED
1 SIGNED

DESCRIPTION

Ltr. trans the following:

PLANT NAME: St. Lucie Unit No. 1 (1-P)

RJL

ENCLOSURE

Licensee Event Report (RO 50-335/77-21) on 4/6/77 concerning a routine inspection of the RCS showing evidence of leakage from the "A" Steam Generator manway.....

ACKNOWLEDGED

DO NOT REMOVE

(2-P)

NOTE: IF PERSONNEL EXPOSURE IS INVOLVED SEND DIRECTLY TO KREGER/J. COLLINS

FOR ACTION/INFORMATION

BRANCH CHIEF:	Davis
W/3 CYS FOR ACTION	
LIC. ASST.:	Diggs
W/1 CYS	
ACRS 16 CYS HOLDING/SENT	AS CAT B

INTERNAL DISTRIBUTION

<input checked="" type="checkbox"/> REG FILE				
NRC PDR				
I & E (2)				
MIPC				
SCHROEDER/IPPOLITO				
HOUSTON				
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TEDESCO/MACCARY				
EISENHUT				
BAER				
SHAO				
VOLLMER/BURCH				
KREGER/J. COLLINS				

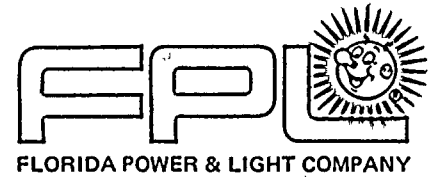
EXTERNAL DISTRIBUTION

LPDR: <i>St Pierre, Fla</i>			
TIC:			
NSIC:			

CONTROL NUMBER

77170117

AD 4
GD



Regulatory

File, Cys

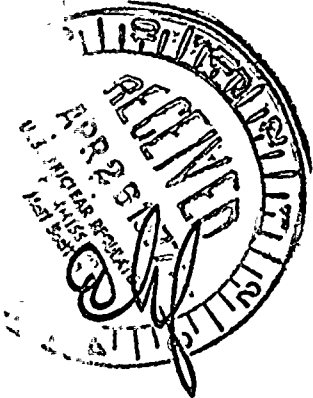
April 15, 1977

PRN-LI-77-109

Mr. Norman C. Moseley, 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. Moseley:

REPORTABLE OCCURRENCE 335-77-21
ST. LUCIE UNIT 1
DATE OF OCCURRENCE: APRIL 6, 1977



STEAM GENERATOR MANWAY

The attached Licensee Event Report is being submitted in accordance with Technical Specification 4.4.10.1.a to provide notification of the subject occurrence.

Very truly yours,

A. D. Schmidt
A. D. Schmidt
Vice President
Power Resources

MAS/ms

Attachment

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

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LICENSE EVENT REPORT

CONTROL BLOCK: [] [] [] [] [] []

(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][0] [4][1][1][1][1] [9][9]

CATEGORY

REPORT TYPE

REPORT SOURCE

DOCKET NUMBER

EVENT DATE

REPORT DATE

[01] CONT [] [] [0] [L] [0][5][0]-[0][3][3][5] [0][4][0][6][7][7] [0][4][1][1][7][7]

EVENT DESCRIPTION

[02] During a shutdown to resolve secondary plant problems, a routine inspection of the RCS [03] showed evidence of leakage from the "A" Steam Generator manway. Plant conditions were [04] established to remove the manway for replacement of the gasket. During this evolution [05] the 20 manway retaining studs and nuts were inspected per Specifications 4.4.10.1.a&b. [06] 13 of the studs had surface corrosion due to attack from the boric acid. It was

SYSTEM CODE

CAUSE CODE

COMPONENT CODE

PRIME COMPONENT SUPPLIER

COMPONENT MANUFACTURER

VIOLATION

[07] [C][B] [F] [X][X][X][X][X][X] [N] [C][4][9][0] [N]

CAUSE DESCRIPTION

[08] The leak in the manway was very small but apparently had existed since shortly after the [09] last shutdown inspection performed approximately one month ago. (3/11/77). The leak [10] area is not accessible during power operation. The boric acid contained in RCS water

FACILITY STATUS

% POWER

OTHER STATUS

METHOD OF DISCOVERY

DISCOVERY DESCRIPTION

[11] [G] [0][0][0] [N/A] [C] [N/A]

FORM OF ACTIVITY RELEASED

CONTENT OF RELEASE

AMOUNT OF ACTIVITY

LOCATION OF RELEASE

[12] [Z] [Z] [N/A] [N/A]

PERSONNEL EXPOSURES

NUMBER

TYPE

DESCRIPTION

[13] [0][0][0] [Z] [N/A]

PERSONNEL INJURIES

NUMBER

DESCRIPTION

[14] [0][0][0] [N/A]

PROBABLE CONSEQUENCES

[15] [N/A]

LOSS OR DAMAGE TO FACILITY

TYPE

DESCRIPTION

[16] [Z] [N/A]

PUBLICITY

[17] [N/A]

ADDITIONAL FACTORS

[18] See page 2 for continuation of Event Description and Cause Description

[19]

NAME: M. A. Schoppman

PHONE: 305/552-3802

Event Description (Continued)

felt that the studs were not degraded sufficiently to create any significant risk of failure. However, it was deemed prudent to replace the studs and this was done.

Specification 4.4.10.1.a requires an initial report within 10 days on any abnormal degradation found during surveillance, and a detailed report within 90 days from completion of the surveillance. Since these studs were the only items surveilled, this report is intended to fulfill both requirements. The inspection was done per Specifications 4.4.10.1.a and b. and Table 4.4-6 Item 4.3. As described above, the corrosion was surface type due to boric acid attack. The deepest indication on load bearing portions of the stud was 1/16 inch (on a 1/2 inch stud). This was the first reportable occurrence of this type at St. Lucie Unit 1.
(335-77-21)

Cause Description (Continued)

had attacked the carbon steel studs, causing surface corrosion judged to be unacceptable.

