



May 7, 1976

PRN-LI-76-110

Mr. Norman C. Moseley, Director, Region II  
Office of Inspection and Enforcement  
U. S. Nuclear Regulatory Commission  
230 Peachtree Street, N. W., Suite 818  
Atlanta, Georgia 30303

Dear Mr. Moseley:

REPORTABLE OCCURRENCE 335-76-10  
ST. LUCIE UNIT 1  
DATE OF OCCURRENCE: APRIL 8, 1976

MAIN STEAM LINE SAFETY 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,

*JRBansen*  
for A. D. Schmidt  
Vice President  
Power Resources

MAS/cpc

Attachment

cc: Jack R. Newman, Esquire  
Director, Office of Inspection and Enforcement (30)  
Director, Office of Management Information and  
Program Control (3)

# LICENSEE EVENT REPORT

CONTROL BLOCK: 1 6

[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME	LICENSE NUMBER	LICENSE TYPE	EVENT TYPE
<span style="border: 1px solid black; padding: 0 2px;">01</span> F L S L S 1	<span style="border: 1px solid black; padding: 0 2px;">0</span> <span style="border: 1px solid black; padding: 0 2px;">0</span> - <span style="border: 1px solid black; padding: 0 2px;">0</span> <span style="border: 1px solid black; padding: 0 2px;">0</span> <span style="border: 1px solid black; padding: 0 2px;">0</span> <span style="border: 1px solid black; padding: 0 2px;">0</span> - <span style="border: 1px solid black; padding: 0 2px;">0</span> <span style="border: 1px solid black; padding: 0 2px;">0</span>	<span style="border: 1px solid black; padding: 0 2px;">4</span> <span style="border: 1px solid black; padding: 0 2px;">1</span> <span style="border: 1px solid black; padding: 0 2px;">1</span> <span style="border: 1px solid black; padding: 0 2px;">1</span> <span style="border: 1px solid black; padding: 0 2px;">1</span>	<span style="border: 1px solid black; padding: 0 2px;">0</span> <span style="border: 1px solid black; padding: 0 2px;">3</span>
7 8 9 14	15 25	26 30	31 32

CATEGORY	REPORT TYPE	REPORT SOURCE	DOCKET NUMBER	EVENT DATE	REPORT DATE
<span style="border: 1px solid black; padding: 0 2px;">01</span> CONT	<span style="border: 1px solid black; padding: 0 2px;">L</span>	<span style="border: 1px solid black; padding: 0 2px;">L</span>	<span style="border: 1px solid black; padding: 0 2px;">0</span> <span style="border: 1px solid black; padding: 0 2px;">5</span> <span style="border: 1px solid black; padding: 0 2px;">0</span> - <span style="border: 1px solid black; padding: 0 2px;">0</span> <span style="border: 1px solid black; padding: 0 2px;">3</span> <span style="border: 1px solid black; padding: 0 2px;">3</span> <span style="border: 1px solid black; padding: 0 2px;">5</span>	<span style="border: 1px solid black; padding: 0 2px;">0</span> <span style="border: 1px solid black; padding: 0 2px;">4</span> <span style="border: 1px solid black; padding: 0 2px;">0</span> <span style="border: 1px solid black; padding: 0 2px;">8</span> <span style="border: 1px solid black; padding: 0 2px;">7</span> <span style="border: 1px solid black; padding: 0 2px;">6</span>	<span style="border: 1px solid black; padding: 0 2px;">0</span> <span style="border: 1px solid black; padding: 0 2px;">5</span> <span style="border: 1px solid black; padding: 0 2px;">0</span> <span style="border: 1px solid black; padding: 0 2px;">7</span> <span style="border: 1px solid black; padding: 0 2px;">7</span> <span style="border: 1px solid black; padding: 0 2px;">6</span>
7 8 57 58	59 60	61 68	69 74	75 80	

## EVENT DESCRIPTION

02 With the plant in the Hot Standby condition (Mode 3) during preopera-

03 tional testing, several Main Steam Safety Valves (MSSV's) were

04 experiencing weepage. The valves were gagged according to a manufacturer's

05 recommendation to determine if the weepage was being caused by cut valve

06 seats. This was considered reportable because Technical Specification

SYSTEM CODE	CAUSE CODE	COMPONENT CODE	PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER	VIOLATION
<span style="border: 1px solid black; padding: 0 2px;">07</span> C C	<span style="border: 1px solid black; padding: 0 2px;">F</span>	<span style="border: 1px solid black; padding: 0 2px;">V</span> <span style="border: 1px solid black; padding: 0 2px;">A</span> <span style="border: 1px solid black; padding: 0 2px;">L</span> <span style="border: 1px solid black; padding: 0 2px;">V</span> <span style="border: 1px solid black; padding: 0 2px;">E</span> <span style="border: 1px solid black; padding: 0 2px;">X</span>	<span style="border: 1px solid black; padding: 0 2px;">A</span>	<span style="border: 1px solid black; padding: 0 2px;">C</span> <span style="border: 1px solid black; padding: 0 2px;">7</span> <span style="border: 1px solid black; padding: 0 2px;">1</span> <span style="border: 1px solid black; padding: 0 2px;">0</span>	<span style="border: 1px solid black; padding: 0 2px;">N</span>
7 8 9 10	11	12 17	43	44 47	48

## CAUSE DESCRIPTION

08 The MSSV's were gagged as part of a planned evolution performed in

09 accordance with a recommendation from the valve manufacturer. The follow-

10 ing valves were gagged: V-8202, V-8204, and V-8209 on the "A" steam

FACILITY STATUS	% POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION
<span style="border: 1px solid black; padding: 0 2px;">11</span> B	<span style="border: 1px solid black; padding: 0 2px;">0</span> <span style="border: 1px solid black; padding: 0 2px;">0</span> <span style="border: 1px solid black; padding: 0 2px;">0</span>	N/A	<span style="border: 1px solid black; padding: 0 2px;">a</span>	N/A
7 8 9	10 12 13		44 45 46	80

FORM OF ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY	LOCATION OF RELEASE
<span style="border: 1px solid black; padding: 0 2px;">12</span> Z	<span style="border: 1px solid black; padding: 0 2px;">Z</span>	N/A	N/A
7 8 9	10 11	44 45	80

## PERSONNEL EXPOSURES

NUMBER	TYPE	DESCRIPTION
<span style="border: 1px solid black; padding: 0 2px;">13</span> 0 0 0	<span style="border: 1px solid black; padding: 0 2px;">Z</span>	N/A
7 8 9 11	12	13 80

## PERSONNEL INJURIES

NUMBER	DESCRIPTION
<span style="border: 1px solid black; padding: 0 2px;">14</span> 0 0 0	N/A
7 8 9 11	12 80

## PROBABLE CONSEQUENCES

15 N/A

## LOSS OR DAMAGE TO FACILITY

TYPE	DESCRIPTION
<span style="border: 1px solid black; padding: 0 2px;">16</span> Z	N/A
7 8 9 10	80

## PUBLICITY

17 N/A

## ADDITIONAL FACTORS

18 See Page Two for continuation of Event and Cause descriptions.

19

NAME: M. A. Schoppman

PHONE: 305/552-3779

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PAGE TWO

EVENT DESCRIPTION (continued)

3.4.7.1 requires that all main steam line code safety valves be operable in Modes 1, 2 and 3. However, since this was a planned evolution, no more than three valves were gagged at any one time and the maximum allowable power level high trip setpoint was below 66.5 percent of rated thermal power, as required by the specification's Action statement. Valve weepage was stopped indicating that there were no cut valve seats. This was the first occurrence of this type. (335-76-10).

CAUSE DESCRIPTION (continued)

header and V-8205, V-8206, V-8207, V-8208, V-8215, and V-8216 on the "B" steam header.