

### LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) <b>ST. LUCIE UNIT 2</b>	DOCKET NUMBER (2) <b>0 5 0 0 0 3   8 9 1</b>	PAGE (3) <b>1 OF 0 1</b>
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TITLE (4)  
**2A1 SIT CHECK VALVE EXCESSIVE LEAKAGE**

EVENT DATE (6)			LER NUMBER (8)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (9)		
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAME(S)	DOCKET NUMBER(S)	
1	2	25	8	4	0	1	7	0	N/A	0 5 0 0 0 0	
										0 5 0 0 0 0	

OPERATING MODE (5) <b>3</b>	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 2. (Check one or more of the following) (11)									
POWER LEVEL (10) <b>0</b>	<input type="checkbox"/> 20.402(b)	<input type="checkbox"/> 20.405(a)	<input type="checkbox"/> 20.726(a)(2)(iv)	<input type="checkbox"/> 72.719(a)						
	<input type="checkbox"/> 20.405(a)(1)(ii)	<input type="checkbox"/> 20.204(a)(1)	<input type="checkbox"/> 20.726(a)(2)(v)	<input type="checkbox"/> 72.719(a)						
	<input type="checkbox"/> 20.405(a)(1)(iii)	<input checked="" type="checkbox"/> 20.204(a)(2)	<input type="checkbox"/> 20.726(a)(2)(vi)	OTHER (Specify in Abstract below and in Part, NRC Form 305A)						
	<input type="checkbox"/> 20.405(a)(1)(iv)	<input type="checkbox"/> 20.726(a)(2)(i)	<input type="checkbox"/> 20.726(a)(2)(vii)(A)							
	<input type="checkbox"/> 20.405(a)(1)(v)	<input type="checkbox"/> 20.726(a)(2)(ii)	<input type="checkbox"/> 20.726(a)(2)(vii)(B)							
<input type="checkbox"/> 20.405(a)(1)(vi)	<input type="checkbox"/> 20.726(a)(2)(iii)	<input type="checkbox"/> 20.726(a)(2)(viii)								

LICENSEE CONTACT FOR THIS LER (12)

NAME <b>SUSAN D. FERRELL, SHIFT TECHNICAL ADVISOR</b>	TELEPHONE NUMBER
	AREA CODE: <b>3 1 0 5</b> NUMBER: <b>4 1 6   5   -   3   5   7   6</b>

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC
A	A B V		B   3   5   0	N					

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE)	<input checked="" type="checkbox"/> NO	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR

ABSTRACT (Limit to 1,000 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

While in hot standby preparing to return to power after plant trip on 12/19/84, it was discovered that 2A1 SIT outlet check valve leaked permitting HPSI flow to be diverted into SIT instead of 2A1 loop. The valve was disassembled and the seal plate was found to be slightly cocked and the ball in the valve seat compensating joint was found to be badly gauled. The internals of the valve were replaced - valve retorqued.

This valve had been disassembled during our refueling outage for ISI inspection and tested satisfactory before returning to power on 11/17/84. It is believed that some foreign material may have gotten into the ball and socket joint after its initial testing, gauling the ball resulting in the joint's binding. With this joint now binding, there was no longer a way to compensate for the cocked seal plate and the valve did not seat.

Upon completion of the required leakage testing of the valve in question, return to power was commenced. At no time was the health and safety of the general public affected by this event.

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PDR ADOCK 05000389  
S PDR

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1/1



January 24, 1985  
L-85-43

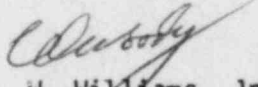
U. S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, D. C. 20555

Gentlemen:

Re: Reportable Event 84-17  
St. Lucie Unit 2  
Date of Event: December 25, 1984  
2A1 SIT Check Valve Excessive Leakage

The attached Licensee Event Report is being submitted pursuant to the requirements of 10 CFR to provide notification of the subject event.

Very truly yours,

*JW*  
  
J. W. Williams, Jr.  
Group Vice President  
Nuclear Energy

JWW/SAV/js

Attachment

cc: J. P. O'Reilly, Region II, USNRC  
Harold F. Reis, Esquire  
PNS-LI-85-045-1

*TE22*  
*1/1*