

October 24, 1977

PRN-LI-77-328

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 335-77-39  
ST. LUCIE UNIT 1  
DATE OF OCCURRENCE: SEPTEMBER 23, 1977 B

REFUELING WATER TANK PIPING

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,

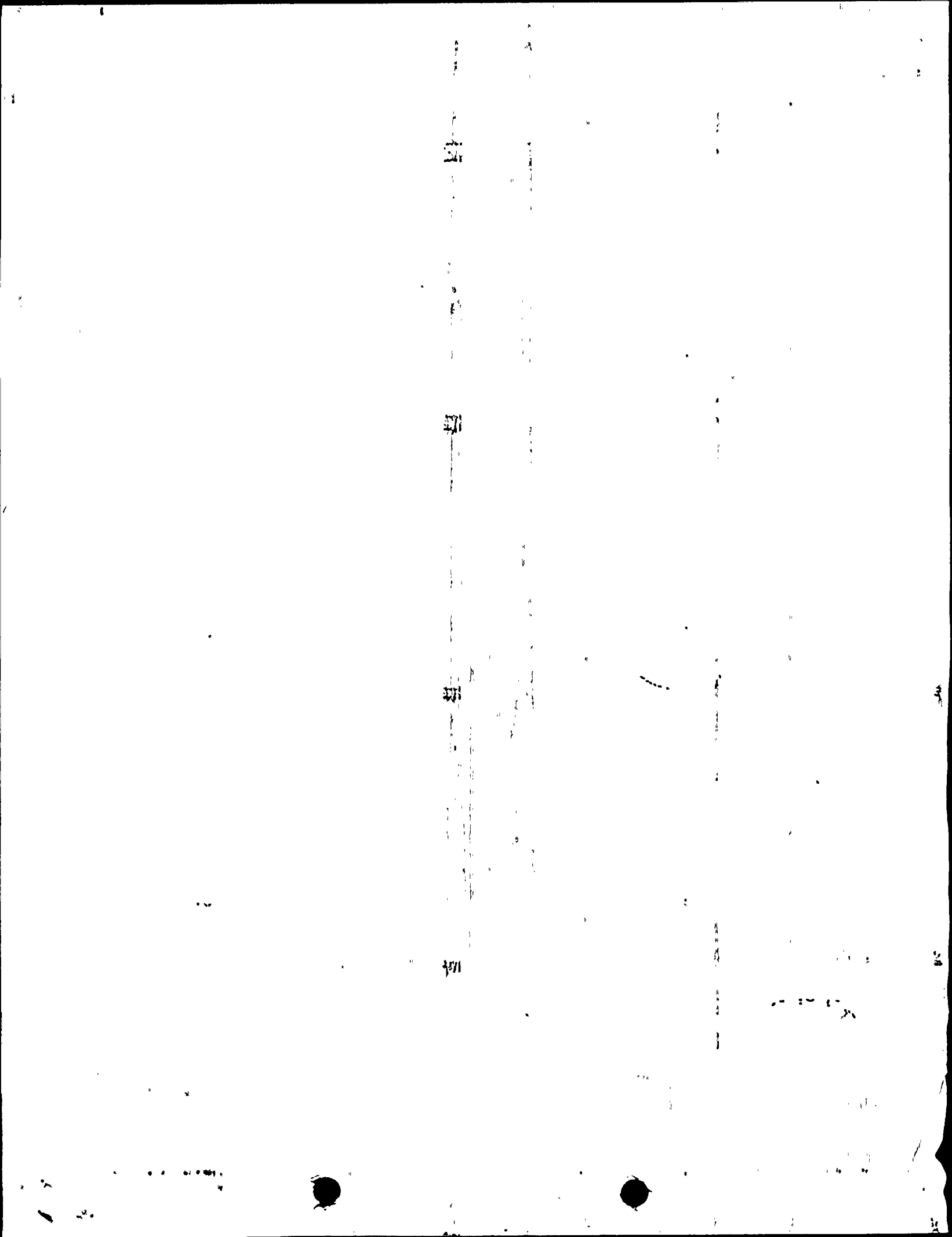
  
A. D. Schmidt  
Vice President  
Power Resources

MAS/cpc

Attachment

cc: Robert Lowenstein, Esquire  
Director, Office of Inspection and Enforcement (30)  
Director, Office of Management Information and  
Program Control (3)

AO 4  
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# LICENSEE EVENT REPORT

CONTROL BLOCK: 

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[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	4	1	1	1	1	0	3
7	8	9	14	15	25	26	30	31	32															

REPORT TYPE	REPORT SOURCE	DOCKET NUMBER					EVENT DATE				REPORT DATE											
01	L	L	0	5	0	-	0	3	3	5	0	9	2	3	7	7	1	0	2	3	7	7
7	8	59	60	61	68	69	74	75	80													

### EVENT DESCRIPTION

02 | Per Specification 3.1.2.8, one source of borated water for the charging pumps is the  
03 | Refueling Water Tank (RWT). It has been noted that the line from the RWT to the pumps  
04 | is not seismic Class I piping. This provides a potential for draining the RWT should  
05 | the line rupture with the manual (seismic) valve open. This is the first occurrence of  
06 | this type. (335-77-39)

SYSTEM CODE	CAUSE CODE	COMPONENT CODE					PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER			VIOLATION				
07	P	C	B	P	I	P	E	X	X	A	Z	9	9	9	N
7	8	9	10	11	12	17	43	44	47	48					

### CAUSE DESCRIPTION

08 | The FSAR notes that this line is non-seismic outside the isolation valve and states that  
09 | it can be manually isolated, if necessary. Calculations show that the operator would  
10 | have over an hour for response from the time the low level alarm was received until level

FACILITY STATUS	% POWER	OTHER STATUS	METHOD OF DISCOVERY		DISCOVERY DESCRIPTION				
11	E	1	0	0	NA	Z	Operating Procedure Review		
7	8	9	10	12	13	44	45	46	80

FORM OF ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY	LOCATION OF RELEASE				
12	Z	NA	NA	NA			
7	8	9	10	11	44	45	80

### PERSONNEL EXPOSURES

NUMBER	TYPE	DESCRIPTION				
13	0	0	0	Z	NA	
7	8	9	11	12	13	80

### PERSONNEL INJURIES

NUMBER	DESCRIPTION				
14	0	0	0	NA	
7	8	9	11	12	80

### PROBABLE CONSEQUENCES

15	NA		
7	8	9	80

### LOSS OR DAMAGE TO FACILITY

TYPE	DESCRIPTION			
16	Z	NA		
7	8	9	10	80

### PUBLICITY

17	NA		
7	8	9	80

### ADDITIONAL FACTORS

18	See page two for continuation of Cause Description.		
7	8	9	80

19			
7	8	9	80

NAME: M. A. Schoppman

PHONE: 305/552-3802

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LICENSEE EVENT REPORT  
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CAUSE DESCRIPTION (continued)

reached the minimum required volume. Isolation of the line in the event of a seismic occurrence has been procedurally addressed, and RWT level is being administratively controlled at or above 30 feet which is well above the current Technical Specification minimum volume of 371,800 gallons (corresponding to 25 feet 4 inches). For permanent corrective action, a Technical Specification change will be submitted to increase minimum required level in the RWT. This will provide a greater margin than that assumed in the FSAR description of potential line failure.

