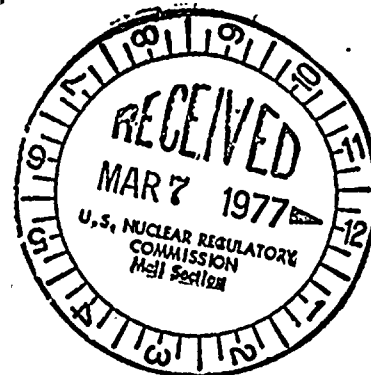




February 15, 1977

PRN-LI-77-33

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 335-77-1
ST. LUCIE UNIT 1
DATE OF OCCURRENCE: JANUARY 15, 1977

50-335

RCS COLD LEG TEMPERATURE

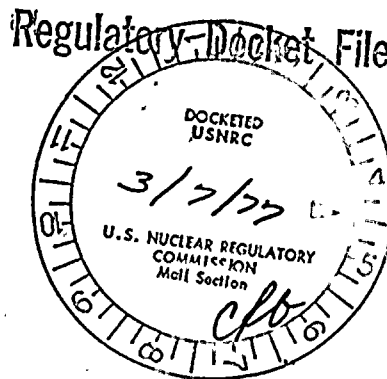
The attached Licensee Event Report is being submitted in accordance with Technical Specification 6.9 to provide 30-day notification of the subject occurrence.

Very truly yours,

J.R. Beusen
for 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)

2434

LICENSEE EVENT REPORT

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

(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSE NAME 01 F L S L S 1		LICENSE NUMBER 0 0 - 0 0 0 0 0 - 0 0				LICENSE TYPE 4 1 1 1 1				EVENT TYPE 0 3			
CATEGORY 01 CONT		REPORT TYPE L	REPORT SOURCE L	DOCKET NUMBER 0 5 0 - 0 3 3 5				EVENT DATE 0 1 1 5 7 7				REPORT DATE 0 2 1 5 7 7	

EVENT DESCRIPTION

02 | During a weekly test of the turbine control valves, RCS cold leg temperature exceeded
 03 | 542F twice. The maximum temperature reached was 543F. The RCS was above 542F for less
 04 | than two minutes. Immediate corrective action was to reduce RCS cold leg temperature
 05 | in compliance with the action statement of Specification 3.2.5.a. This was the first
 06 | reportable occurrence at St. Lucie Unit 1 during which RCS cold leg temperature

SYSTEM CODE 07 H A		CAUSE CODE F		COMPONENT CODE I N S T R U				PRIME COMPONENT SUPPLIER 0		COMPONENT MANUFACTURER W 1 2 0		VIOLATION N	
---------------------------	--	-----------------	--	---	--	--	--	-------------------------------	--	---	--	----------------	--

CAUSE DESCRIPTION

08 | The RCS temperature changes were caused by turbine load rejections of about 50 Mwe.
 09 | The load rejections occurred while transferring from sequential valve control to single
 10 | valve control, and vice-versa. The transfers were not as smooth as they should have

FACILITY STATUS 11 B		% POWER 0 8 0		OTHER STATUS N/A				METHOD OF DISCOVERY a		DISCOVERY DESCRIPTION N/A	
FORM OF ACTIVITY RELEASED 12 Z		CONTENT OF RELEASE Z		AMOUNT OF ACTIVITY N/A				LOCATION OF RELEASE N/A			

PERSONNEL EXPOSURES

NUMBER 13 0 0 0		TYPE Z	DESCRIPTION N/A
--------------------------	--	-----------	--------------------

PERSONNEL INJURIES

NUMBER 14 0 0 0		DESCRIPTION N/A
--------------------------	--	--------------------

PROBABLE CONSEQUENCES

15 N/A	
----------	--

LOSS OR DAMAGE TO FACILITY

TYPE 16 Z		DESCRIPTION N/A
----------------	--	--------------------

PUBLICITY

17 N/A	
----------	--

ADDITIONAL FACTORS

18 See page 2 for continuation of Event Description and Cause Description.	
--	--

19	
----	--

NAME: M. A. Schopman

PHONE: 305/552-3779

REPORTABLE OCCURRENCE 335-77-1.
LICENSEE EVENT REPORT
PAGE TWO

Event Description (continued)

exceeded 542F. (335-77-1).

Cause Description (continued)

been because of minor inaccuracies in the characteristic curves for sequential valve control and single valve control which had been set into the turbine control system. This was also the first time such a transfer was used at high turbine load. Permanent corrective action will be to revise the valve characteristic curves set into the turbine control system, based on data taken by vendor representatives on January 9-11, 1977.