

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

TO: Mr N C Moseley

FROM: Fla Pwr & Light Co
Miami, Fla
A D Schmidt

DATE OF DOCUMENT
2-15-77

DATE RECEIVED 3-4-77

LETTER
 ORIGINAL
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 UNCLASSIFIED

PROP INPUT FORM

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one signed

DESCRIPTION
Ltr trans the following:

1p

PLANT NAME: St Lucie #1

ENCLOSURE
Licensee Event Report (R0# 77-1) on 1-15-77 concerning exceeding of tech specs limits re RCS cold leg temperature.....

2p
ACKNOWLEDGED

DO NOT REMOVE

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

FOR ACTION/INFORMATION 3-10-77 ehf

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

INTERNAL DISTRIBUTION

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

EXTERNAL DISTRIBUTION

CONTROL NUMBER

LPDR: *Ft Pierce, Fla*
TIC:
NSIC:

23:34
335
A04
60

1954-55

1954-55

1954-55

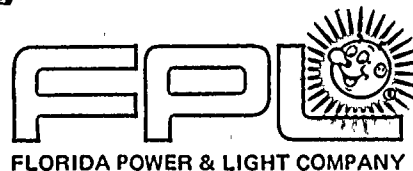
1954-55

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1954-55

1954-55



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

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. Bensen
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)



2334



LICENSEE EVENT REPORT

CONTROL BLOCK:

(PLEASE PRINT ALL REQUIRED INFORMATION)

	LICENSEE NAME 01 F L S L S I	LICENSE NUMBER 00 - 000000 - 00	LICENSE TYPE 41111	EVENT TYPE 03
	CATEGORY 01 CONT	REPORT TYPE L	REPORT SOURCE L	DOCKET NUMBER 050 - 0335
	EVENT DATE 0115 77		REPORT DATE 0215 77	

EVENT DESCRIPTION

02 During a weekly test of the turbine control valves, RCS cold leg temperature exceeded 80
03 542F twice. The maximum temperature reached was 543F. The RCS was above 542F for less 80
04 than two minutes. Immediate corrective action was to reduce RCS cold leg temperature 80
05 in compliance with the action statement of Specification 3.2.5.a. This was the first 80
06 reportable occurrence at St. Lucie Unit 1 during which RCS cold leg temperature 80

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
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CAUSE DESCRIPTION

08 The RCS temperature changes were caused by turbine load rejections of about 50 Mwe. 80
09 The load rejections occurred while transferring from sequential valve control to single 80
10 valve control, and vice-versa. The transfers were not as smooth as they should have 80

FACILITY STATUS 11 B	% POWER 08	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
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PERSONNEL INJURIES

NUMBER 14 0 0 0	DESCRIPTION N/A
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PROBABLE CONSEQUENCES

15	N/A
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LOSS OR DAMAGE TO FACILITY

TYPE 16 Z	DESCRIPTION N/A
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PUBLICITY

17	N/A
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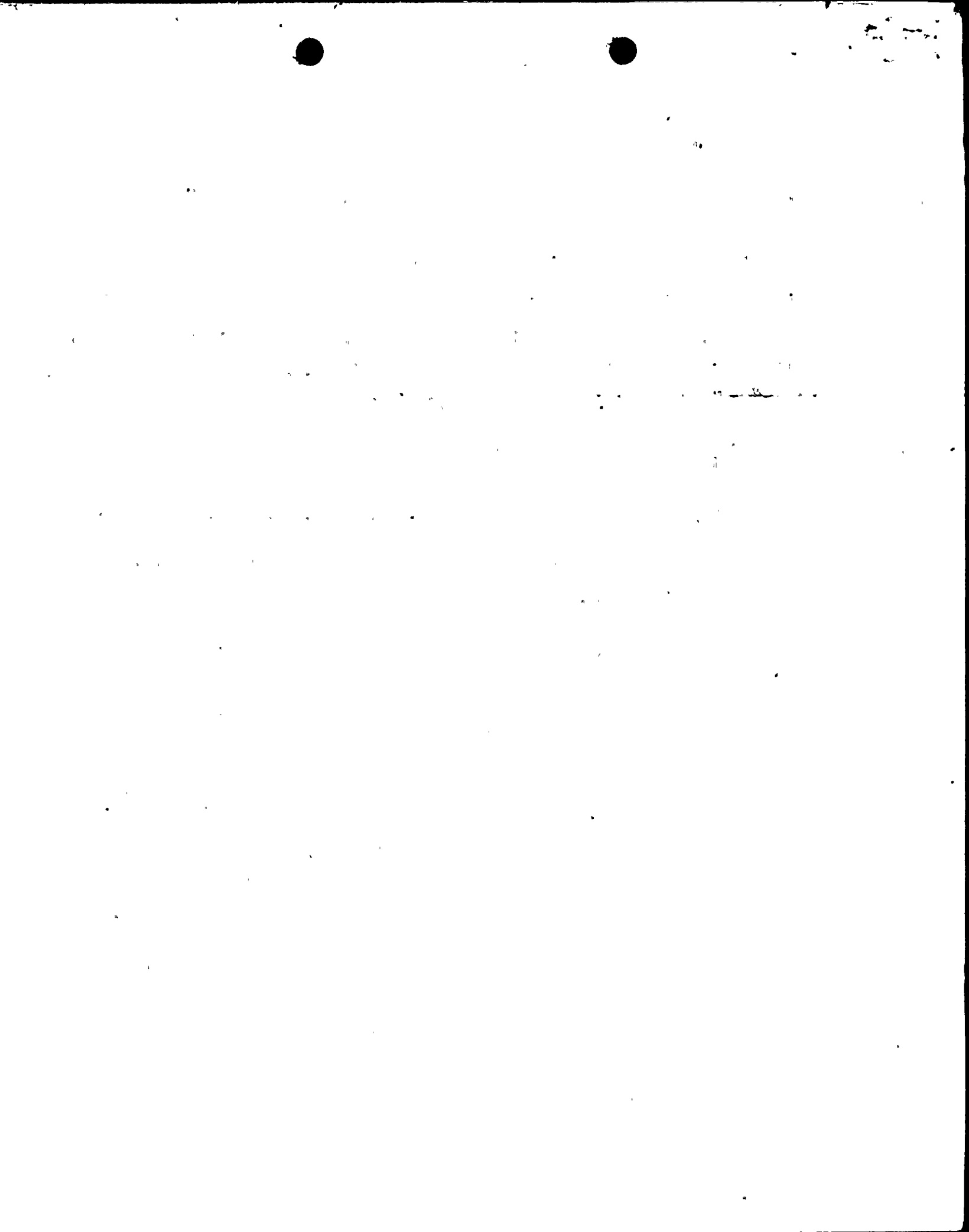
ADDITIONAL FACTORS

18	See page 2 for continuation of Event Description and Cause Description.
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19	
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NAME: M. A. Schoppman

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.