

17 09/27/78

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)  
DISTRIBUTION FOR INCOMING MATERIAL

50-335

REC: OREILLY J P  
NRC

ORG: SCHMIDT A D  
FL PWR & LIGHT

DOCDATE: 09/15/78  
DATE RCVD: 09/26/78

DOCTYPE: LETTER NOTARIZED: NO

COPIES RECEIVED

SUBJECT:

LTR 1 ENCL 1

FORWARDING LICENSEE EVENT REPT (RO 50-335/78-031) ON 08/16/78 CONCERNING THE  
GINCA CODE OPERATOR USED INCORRECT FLUX INPUTS IN ARRIVING AT THE INCORE  
SETPOINTS...W/ATT.

PLANT NAME: ST LUCIE #1

REVIEWER INITIAL: XJM  
DISTRIBUTOR INITIAL: *mu*

\*\*\*\*\* DISTRIBUTION OF THIS MATERIAL IS AS FOLLOWS \*\*\*\*\*

INCIDENT REPORTS  
(DISTRIBUTION CODE A002)

FOR ACTION: BR CHIEF ORB#4 BC\*\*W/4 ENCL

INTERNAL:

REG FILE\*\*W/ENCL

I & E\*\*W/2 ENCL

I & C SYSTEMS BR\*\*W/ENCL

NOVAK/CHECK\*\*W/ENCL

AD FOR ENG\*\*W/ENCL

HANAUER\*\*W/ENCL

AD FOR SYS & PROJ\*\*W/ENCL

ENGINEERING BR\*\*W/ENCL

KREGER/J. COLLINS\*\*W/ENCL

K SEYFRIT/IE\*\*W/ENCL

NRC PDR\*\*W/ENCL

MIPC\*\*W/3 ENCL

EMERGENCY PLAN BR\*\*W/ENCL

EEB\*\*W/ENCL

PLANT SYSTEMS BR\*\*W/ENCL

AD FOR PLANT SYSTEMS\*\*W/ENCL

REACTOR SAFETY BR\*\*W/ENCL

VOLLMER/BUNCH\*\*W/ENCL

POWER SYS BR\*\*W/ENCL

EXTERNAL:

LPDR'S

FT PIERCE, FL\*\*W/ENCL

NSIC\*\*W/ENCL

ACRS CAT B\*\*W/16 ENCL

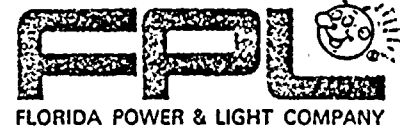
DISTRIBUTION: LTR 44 ENCL 44  
SIZE: 1P+1P+1P

CONTROL NBR: 781770058

*A0460*

\*\*\*\*\* THE END \*\*\*\*\*





September 15, 1978

PRN-LI-78-259

Mr. James P. O'Reilly, Director, Region II  
Office of Inspection and Enforcement  
U. S. Nuclear Regulatory Commission  
101 Marietta Street, Suite 3100  
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

REPORTABLE OCCURRENCE 335-78-31  
ST. LUCIE UNIT 1  
DATE OF OCCURRENCE: AUGUST 16, 1978

TECHNICAL SPECIFICATION 4.2.1.4  
INCORE SETPOINTS

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: Harold F. Reis, Esquire  
Director, Office of Inspection and Enforcement (30)  
✓ Director, Office of Management Information and  
Program Control (3)

781770058

A002  
5/1

1980 JAN 10 11 11 AM '80



1980 JAN 10 11 11 AM '80

CONTROL BLOCK: 

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 (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

[illegible]

Additional Event Description

Incore alarm setpoints that had been entered into the incore detector monitoring system as required by Specification 4.2.1.4 were found to be non-conservative. Incorrect setpoints were in use for about 6-1/4 hours. Calculation of these setpoints is based on output from GINCA, a computer code used to analyze data from the incore flux detectors. This code is supplied and maintained by the NSSS vendor. More conservative hand-calculated setpoints were determined to be correct and were entered into the incore detector monitoring system. After being notified of the problem, the NSSS vendor reported the cause described below in the Cause Description. A review was performed to ensure that no actual limits had been exceeded while the incorrect setpoints were in use. This was the third occurrence of non-conservative incore alarm setpoints (see 335-76-34 and 335-77-20), but the other two were not due to the same cause.

Additional Cause Description

The GINCA code operator used incorrect flux inputs in arriving at the incore setpoints. Corrected setpoints were entered into the incore detector monitoring system within 6-1/4 hours. The incore alarm setpoints that had been entered into the incore detector monitoring system prior to entering the incorrect setpoints were verified to have been correct. Vendor personnel are aware of the impact of the error.

