

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) ST. LUCIE PLANT UNIT 2 DOCKET NUMBER (2) 05000389 PAGE (3) 1 OF 01

TITLE (4) REACTOR TRIP DURING AFAS FUNCTIONAL TEST

EVENT DATE (5)			LER NUMBER (6)		REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)	
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES
08	30	84	48	4005	00	10	01	84	NA
									DOCKET NUMBER(S)
									050000
									NA
									050000

OPERATING MODE (9) 1

POWER LEVEL (10) 100

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)

20.402(b)	20.406(c)	X	50.73(a)(2)(iv)	73.71(b)
20.405(a)(1)(i)	50.36(c)(1)		50.73(a)(2)(v)	73.71(c)
20.405(a)(1)(ii)	50.36(c)(2)		50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
20.405(a)(1)(iii)	50.73(a)(2)(i)		50.73(a)(2)(viii)(A)	
20.405(a)(1)(iv)	50.73(a)(2)(ii)		50.73(a)(2)(viii)(B)	
20.405(a)(1)(v)	50.73(a)(2)(iii)		50.73(a)(2)(ix)	

LICENSEE CONTACT FOR THIS LER (12)

NAME David Stewart, Shift Technical Advisor TELEPHONE NUMBER 305 465-3550

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS
X	JERLY	P	297	N					

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE) NO X

EXPECTED SUBMISSION DATE (15)

MONTH	DAY	YEAR

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

A reactor trip occurred during performance of the Logic Matrix Portion of the monthly Auxiliary Feedwater Actuation Signal (AFAS) Functional Test. Post trip review and troubleshooting indicated that the trip was caused by the unexpected closing of an "A" Train Feedwater Isolation Valve resulting in a Low Steam Generator Level RPS Trip. The closure of the Feedwater Isolation Valve resulted from high resistance across an AFAS Channel "A" interposing relay contact during Logic Matrix Testing, effectively satisfying Channel "A" Actuation Logic. The high contact resistance was corrected and a complete AFAS Functional Test was performed satisfactorily. Additional diagnostic review and possible replacement of this component is under consideration. The health and safety of the general public was not affected by this event.

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PDR ADDOCK 05000389
S PDR



October 1, 1984
PNS-LI-84-343

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

Gentlemen:

Re: Reportable Event 84-05
St. Lucie Unit 2
Date of Event: August 30, 1984
Reactor Trip During AFAS Functional Test

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,

A handwritten signature in cursive script, appearing to read "J. W. Williams, Jr.", is written over the typed name.

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

JWW/PLP/js

Attachment

cc: J. P. O'Reilly, Region II, USNRC
Harold F. Reis, Esquire
File 933.1

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