NRC Form 366
(9-83)

U.S. NUCLEAR REGULATORY COMMISSION
APPROVED OMB NO. 3150-0104
EXPIRES: 8/31/85

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)	DOCKET NUMBER (2)	PAGE (3)
ST. LUCIE UNIT 1	0 5 0 0 0 3 3 5	1 OF 0 1

TITLE (4)

MSIV CLOSURE REACTOR TRIP

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	DOCKET NUMBER(S)
0 6	2 6	8 4	8 4	— 0 0 5	— 0 0	0 7	2 5	8 4	NA	0 5 0 0 0
										0 5 0 0 0

OPERATING MODE (9)	1	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)			
POWER LEVEL (10)	1 0 0	20.402(b)	20.405(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)(x)	

LICENSEE CONTACT FOR THIS LER (12)

NAME	TELEPHONE NUMBER
DAN WEST SHIFT TECHNICAL ADVISOR	AREA CODE 3 0 5 — 4 6 5 - 3 5 5 0

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	S B	I S V	5 0 7 5	Y							

SUPPLEMENTAL REPORT EXPECTED (14)

		EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
YES (If yes, complete EXPECTED SUBMISSION DATE)	X NO				

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

During normal full power operation the 1B Main Steam Isolation Valve (MSIV) failed shut, causing the reactor to trip as designed on asymmetric steam generator pressure. The health and safety of the public were not affected. The MSIV apparently closed due to the failure of a rupture disc in the air supply to the valve operator. As corrective action the rupture disc was replaced and the valve was tested and returned to service.

A previous MSIV closure was discussed as part of LER 335-81-56 and corrective action at that time was a plant change to modify the air supply to the valve operator. Because the rupture disc is suspected as the cause of this event, we requested our engineering department to evaluate installation of a higher rated rupture disc in this system. PCM 134-184 has been prepared by engineering to replace the rupture discs with disc rated for higher pressure. We expect this to be completed at the next refueling outage.

IE 22

FPL

FLORIDA POWER & LIGHT COMPANY

July 25, 1984
PNS-LI-84-256

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

Gentlemen:

Re: Reportable Event 84-05
St. Lucie Unit 1
Date of Event: June 26, 1984
MSIV Closure Reactor Trip

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,

H. D. Johnson II

for 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

IE22
1/1

PEOPLE . . . SERVING PEOPLE