

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)  
ST. LUCIE PLANT, UNIT 1

DOCKET NUMBER (2)

0 5 0 0 0 3 3 5 1 OF 0 1

PAGE (3)

TITLE (4)

MANUAL REACTOR TRIP/INTAKE SCREEN FOULING

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	9	1	4	8	4	8	4	4	0	0	9	0	0	1	0	1	1	8	4	NA	0	5	0	0	0

OPERATING MODE (9)	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)
1	20.402(b) <input checked="" type="checkbox"/> 20.405(e) <input checked="" type="checkbox"/> 80.73(a)(2)(iv) <input type="checkbox"/> 73.71(b) <input type="checkbox"/>
POWER LEVEL (10) 0 3 1 2	20.405(a)(1)(i) <input type="checkbox"/> 80.38(a)(1) <input type="checkbox"/> 80.73(a)(2)(v) <input type="checkbox"/> 73.71(e) <input type="checkbox"/>
	20.405(a)(1)(ii) <input type="checkbox"/> 80.38(a)(2) <input type="checkbox"/> 80.73(a)(2)(vi) <input type="checkbox"/> OTHER (Specify in Abstract below and in Text, NRC Form 386A) <input type="checkbox"/>
	20.405(a)(1)(iii) <input type="checkbox"/> 80.73(a)(2)(i) <input type="checkbox"/> 80.73(a)(2)(vii)(A) <input type="checkbox"/>
	20.405(a)(1)(iv) <input type="checkbox"/> 80.73(a)(2)(ii) <input type="checkbox"/> 80.73(a)(2)(vii)(B) <input type="checkbox"/>
	20.405(a)(1)(v) <input type="checkbox"/> 80.73(a)(2)(iii) <input type="checkbox"/> 80.73(a)(2)(x) <input type="checkbox"/>

LICENSEE CONTACT FOR THIS LER (12)  
NAME  
Lamar McLaughlin, Technical Engineer  
TELEPHONE NUMBER  
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 NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC

SUPPLEMENTAL REPORT EXPECTED (14)  
YES (If yes, complete EXPECTED SUBMISSION DATE) ☐ NO ☒  
EXPECTED SUBMISSION DATE (15)  
MONTH DAY YEAR

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

While at 32% power, cleaning and repairing of intake screens was being done because large numbers of jellyfish were fouling these screens. A shear pin broke on the 1B1 traveling screen requiring that the 1B1 circulating water pump be shutdown. Since the 1B2 circulating water pump was already out of service the 'B' side condenser lost cooling and the reactor was manually tripped.

The intake screens were repaired. The reactor was restarted and returned to power. The health and safety of the public were not affected by this event. This is the first LER of its type, although there have been forced outages caused by jellyfish fouling the screens that did not result in plant trips.

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October 11, 1984  
PNS-LI-84-357

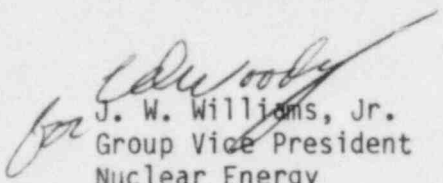
U. S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, D. C. 20555

Gentlemen:

Re: Reportable Event 84-09  
St. Lucie Unit 1  
Date of Event: September 14, 1984  
Manual Reactor Trip/Intake Screen Fouling

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,

  
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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11