

50-335

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER

Enviro

TO: Mr Muller

FROM: Florida Power & Light Co
Miami, Fla
R E Uhrig

DATE OF DOCUMENT 11-15-76

DATE RECEIVED 11-18-76

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☐ COPY☐ NOTORIZED
☒ UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED

one signed

DESCRIPTION

Ltr trans the following:

PLANT NAME: St Lucie #1

ENCLOSURE

Reports Entitled "Impingement of Aquatic
Organisms - August 1976 & September 1976
.....(4 cys encl rec'd)

ACKNOWLEDGED

DO NOT REMOVE

SAFETY

FOR ACTION/INFORMATION

ENVIRO

11-19-76

dhf

ASSIGNED AD:		ASSIGNED AD:	
BRANCH CHIEF:	Ziemann (5)	BRANCH CHIEF:	
PROJECT MANAGER:	Silver	PROJECT MANAGER:	
LIC. ASST.:	Diggs	LIC. ASST.:	

INTERNAL DISTRIBUTION

REG FILE	SYSTEMS SAFETY	PLANT SYSTEMS	SITE SAFETY &
NRC PDR	HEINEMAN	TEDESCO	ENVIRO ANALYSIS
I & E (2)	SCHROEDER	BENAROYA	DENTON & MULLER
OELD		LAINAS	
GOSSICK & STAFF	ENGINEERING	IPPOLITO	ENVIRO TECH.
MIFC	MACCARRY	KIRKWOOD	ERNST
CASE	KNIGHT		BALLARD
HANAUER	STHWEIL	OPERATING REACTORS	SPANGLER
HARLESS	PAWLICKI	STELLO	
			SITE TECH.
PROJECT MANAGEMENT	REACTOR SAFETY	OPERATING TECH.	GAMMILL
BOYD	ROSS	EISENHUT	STAPP
P. COLLINS	NOVAK	SHAO	HULMAN
HOUSTON	ROSZTOCZY	BAER	
PETERSON	CHECK	BUTLER	SITE ANALYSIS
MELTZ		GRIMES	VOLLNER
HEITEMES	AT & I		BUNCH
SKOVHOLT	SALTZMAN		J. COLLINS
	RUTBERG		KREGER

EXTERNAL DISTRIBUTION

LPDR: Ft Pierce, Fla	NAT LAB: PNWL	BROOKHAVEN NAT LAB	
TIC:	REG. VIE	ULRIKSON (ORNL)	
NSIC:	LA PDR		
ASLB:	CONSULTANTS		
ACRS 1 CYS HOLDING/SEN	AS CAT B 11-19-76		

CONTROL NUMBER

11771

Enviro
1

40-1-51

OK - 11/14/84 - 20070901 10:00 AM
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2014

58-41-41

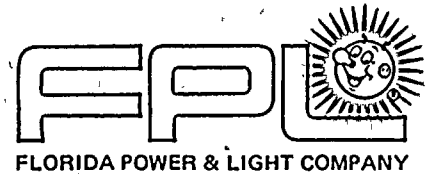
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$\frac{d}{dt} \left(\frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$

1. Bond 2

46 15-25-15



November 15, 1976
L-76-392

Daniel R. Muller
Assistant Director for Environmental Projects
Division Of Reactor Licensing
Office of Nuclear Regulatory Commission
Washington, D. C. 20555



Dear Mr. Muller:

Re: St. Lucie Unit No. 1 - Docket No. 50-335
Environmental Technical Specification Reports

Florida Power & Light Company submits the attached reports entitled "Impingement of Aquatic Organisms - August, 1976" and "Impingement of Aquatic Organisms - September, 1976". in accordance with Environmental Technical Specification 4.2 of Appendix B to the St. Lucie Unit No 1 Operating License.

During the month of August, the circulating Water Pumps did not run for more than 16 hours at a time, and therefore, there was no requirement for the impingement study to be conducted. However data were collected for a single 16-hour period, and these data are being reported here.

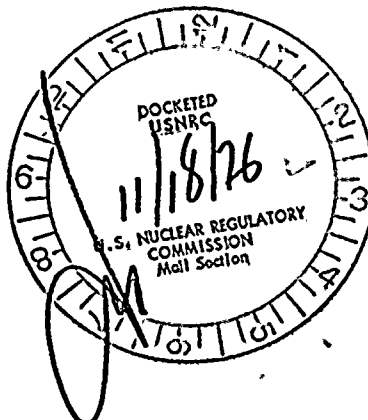
The September report includes only one 24 hours period because the CWP's were run continuously during the last week of the month.

Very truly yours,


Robert E. Uhrig
Vice President

REU/DW/bb
Attachments

REGULATORY DOCKET FILE COPY



11/17/76

ST. LUCIE UNIT NO. 1
IMPINGEMENT OF AQUATIC ORGANISMS
AUGUST, 1976

TABLE I-22
(continued)
RESULTS OF IMPINGEMENT AT THE ST. LUCIE PLANT
13 AUGUST 1976^a

| Time | Species | Number
of
individuals | Range of
standard
lengths (mm) | Weight
(g) |
|--------------------------|--------------------|-----------------------------|--------------------------------------|---------------|
| 0915-1700
(continued) | porkfish | 1 | 57 | 6 |
| | sailors choice | 1 | 65 | 8 |
| | silver perch | 1 | 49 | 1 |
| | dusky cardinalfish | 1 | 38 | 1 |
| 1700-0100 | no sample | | | |

^a 16-hour sample resulting from mechanical difficulties.

TABLE I-22
(continued)
RESULTS OF IMPINGEMENT AT THE ST. LUCIE PLANT
13 AUGUST 1976^a

| Time | Species | Number
of
individuals | Range of
standard
lengths (mm) | Weight
(g) |
|--------------------------|--------------------|-----------------------------|--------------------------------------|---------------|
| 0915-1700
(continued) | porkfish | 1 | 57 | 6 |
| | sailors choice | 1 | 65 | 8 |
| | silver perch | 1 | 49 | 1 |
| | dusky cardinalfish | 1 | 38 | 1 |
| 1700-0100 | no sample | | | |

^a 16-hour sample resulting from mechanical difficulties.

ST. LUCIE UNIT NO. 1
IMPINGEMENT OF AQUATIC ORGANISMS
SEPTEMBER, 1976

TABLE I-23

RESULTS OF IMPINGEMENT AT THE ST. LUCIE PLANT
27-28 SEPTEMBER 1976

| Time | Species | Number
of
individuals | Range of
standard
lengths (mm) | Weight
(g) |
|-----------|------------------|-----------------------------|--------------------------------------|---------------|
| 0100-0830 | shrimp | 17 | 9-17 | 27 |
| | | 2 | 18-22 | 13 |
| | blue crab | 5 | 54-69 | 77 |
| | | 7 | 73-91 | 216 |
| | bay anchovy | 23 | 29-55 | 19 |
| | striped anchovy | 1 | 60 | 2 |
| 0830-1700 | shrimp | 6 | 12-17 | 13 |
| | blue crab | 5 | 57-77 | 99 |
| | | 4 | 82-100 | 219 |
| | bay anchovy | 330 | 40-59 | 458 |
| | Cuban anchovy | 58 | 57-66 | 125 |
| | bigeye anchovy | 10 | 51-71 | 34 |
| | longnose anchovy | 4 | 40-58 | 6 |
| | silver anchovy | 1 | 61 | 3 |
| | tomtate | 210 | 34-102 | 1038 |
| | spotfin mojarra | 6 | 45-63 | 15 |
| | silver jenny | 3 | 62-67 | 16 |
| | silver porgy | 1 | 115 | 53 |
| | scaled sardine | 4 | 29-60 | 10 |
| | | 3 | 85-117 | 78 |
| | Spanish sardine | 3 | 83-121 | 52 |

TABLE I-23
(continued)
RESULTS OF IMPINGEMENT AT THE ST. LUCIE PLANT
27-28 SEPTEMBER 1976

| Time | Species | Number
of
individuals | Range of
standard
lengths (mm) | Weight
(g) |
|--------------------------|-----------------|-----------------------------|--------------------------------------|---------------|
| 0830-1700
(continued) | seaweed blenny | 2 | 38-42 | 3 |
| | oyster blenny | 1 | 35 | 1 |
| 1700-0100 | shrimp | 2 | 13-14 | 4 |
| | blue crab | 2 | 76-87 | 71 |
| | bay anchovy | 209 | 31-59 | 292 |
| | Cuban anchovy | 7 | 59-64 | 14 |
| | tomtate | 6 | 43-71 | 28 |
| | oyster blenny | 2 | 36-38 | 3 |
| | Atlantic bumper | 1 | 22 | 1 |
| | spotfin mojarra | 1 | 63 | 5 |
| | silver porgy | 1 | 98 | 28 |