

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

☒ LETTER
☒ ORIGINAL
☐ 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

4-1-51

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

2014

68-41-41

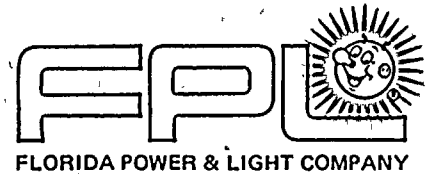
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$\frac{d}{dt} \left(\frac{\partial L}{\partial v^i} \right) = \frac{\partial L}{\partial x^i}$

1. Bond of

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.

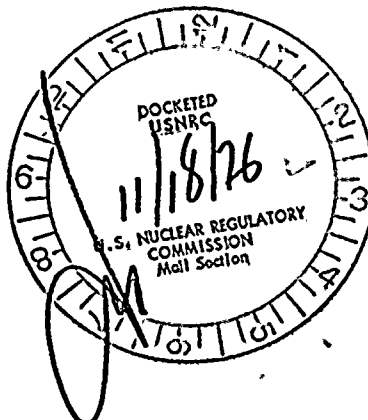
The September report includes only one 24 hours period because the CWP's were run continuously during the last week of the month.

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) |
|--------------------------|--------------------|-----------------------------|--------------------------------------|---------------|
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| | 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 |