

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

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 NOTORIZED ORIGINAL COPY 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

Table with columns: SAFETY, FOR ACTION/INFORMATION, ENVIRO, 11-19-76, d/f. Rows include ASSIGNED AD, BRANCH CHIEF, PROJECT MANAGER, LIC. ASST. with handwritten names like Ziemann, Silver, Diggs.

INTERNAL DISTRIBUTION table with columns: REG FILE, SYSTEMS SAFETY, PLANT SYSTEMS, SITE SAFETY & ENVIRO ANALYSIS. Lists various staff members and their roles.

EXTERNAL DISTRIBUTION table with columns: LPDR, TIC, NSIC, ASLB, ACRS, NAT LAB, REG. VIE, IA PDR, CONSULTANTS, BROOKHAVEN NAT LAB, ULRIKSON(ORNL), CONTROL NUMBER. Includes handwritten notes like 'As CAT B 11-19-76' and '11771'.

11-1-52

of which is now being  
revised

11-1-52

11-1-52

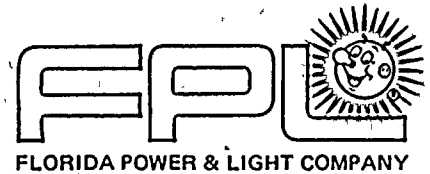
one of the

to be used in the  
revised version of the  
document - and to be  
(of the new version).....

to be used in the

11-1-52

11-1-52



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.

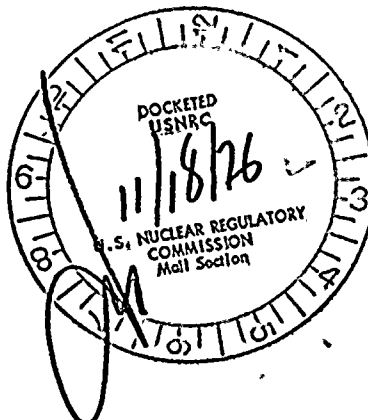
The September report includes only one 24 hours period because the CWP's were run continuously during the last week of the month.

Very truly yours,

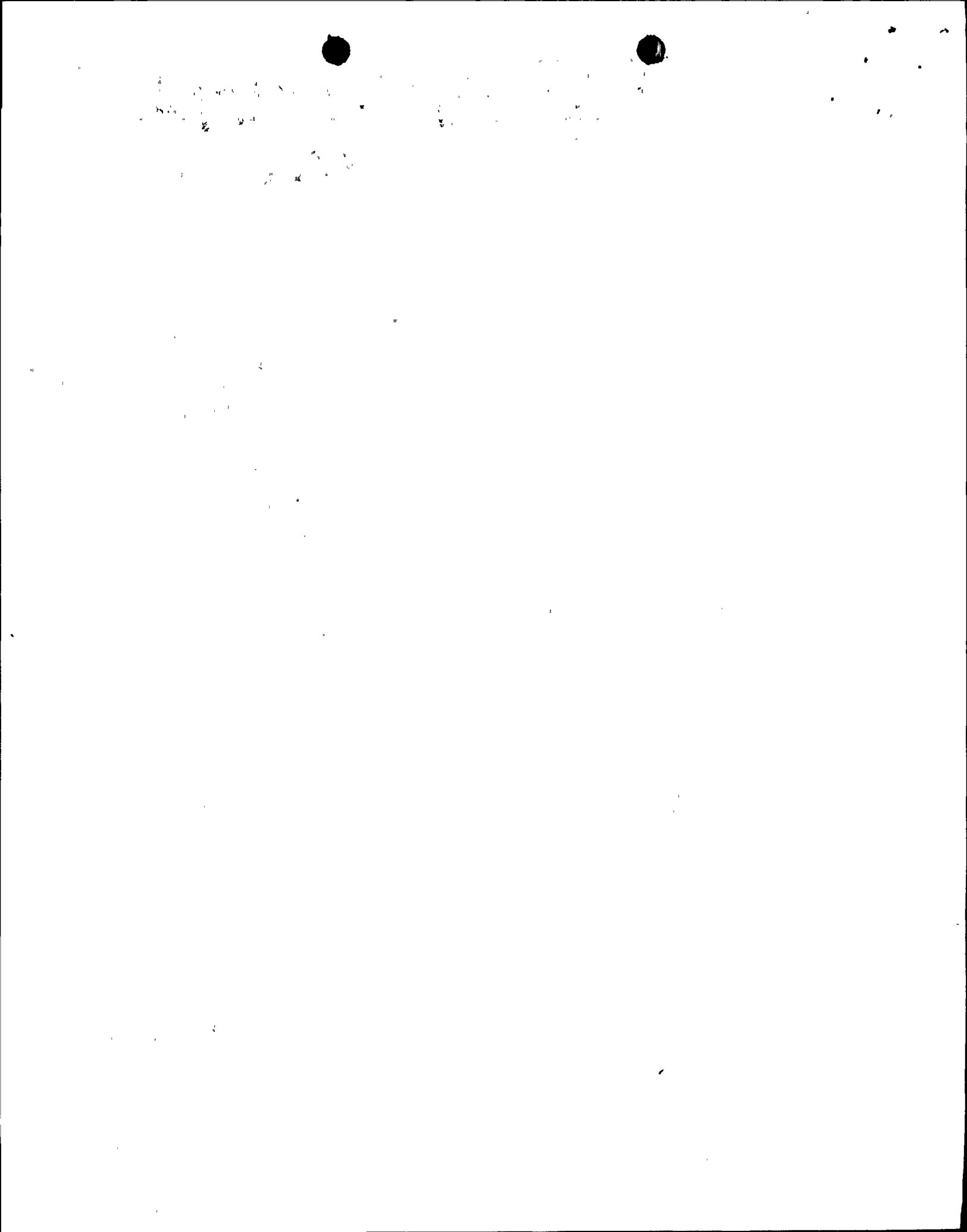
  
Robert E. Uhrig  
Vice President

REGULATORY DOCKET FILE COPY

REU/DW/bb  
Attachments



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<sup>a</sup>

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			

<sup>a</sup> 16-hour sample resulting from mechanical difficulties.

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

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<sup>a</sup> 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