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50-389 St. Lucie Plant, Unit 2, Florida Power & Light Co. 05000389
AUTH. NAME AUTHOR AFFILIATION
SAGER, D.A. Florida Power & Light Co.
RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: "Turtle Activities Rept for Third Quarter 1989." W/891102
ltr.

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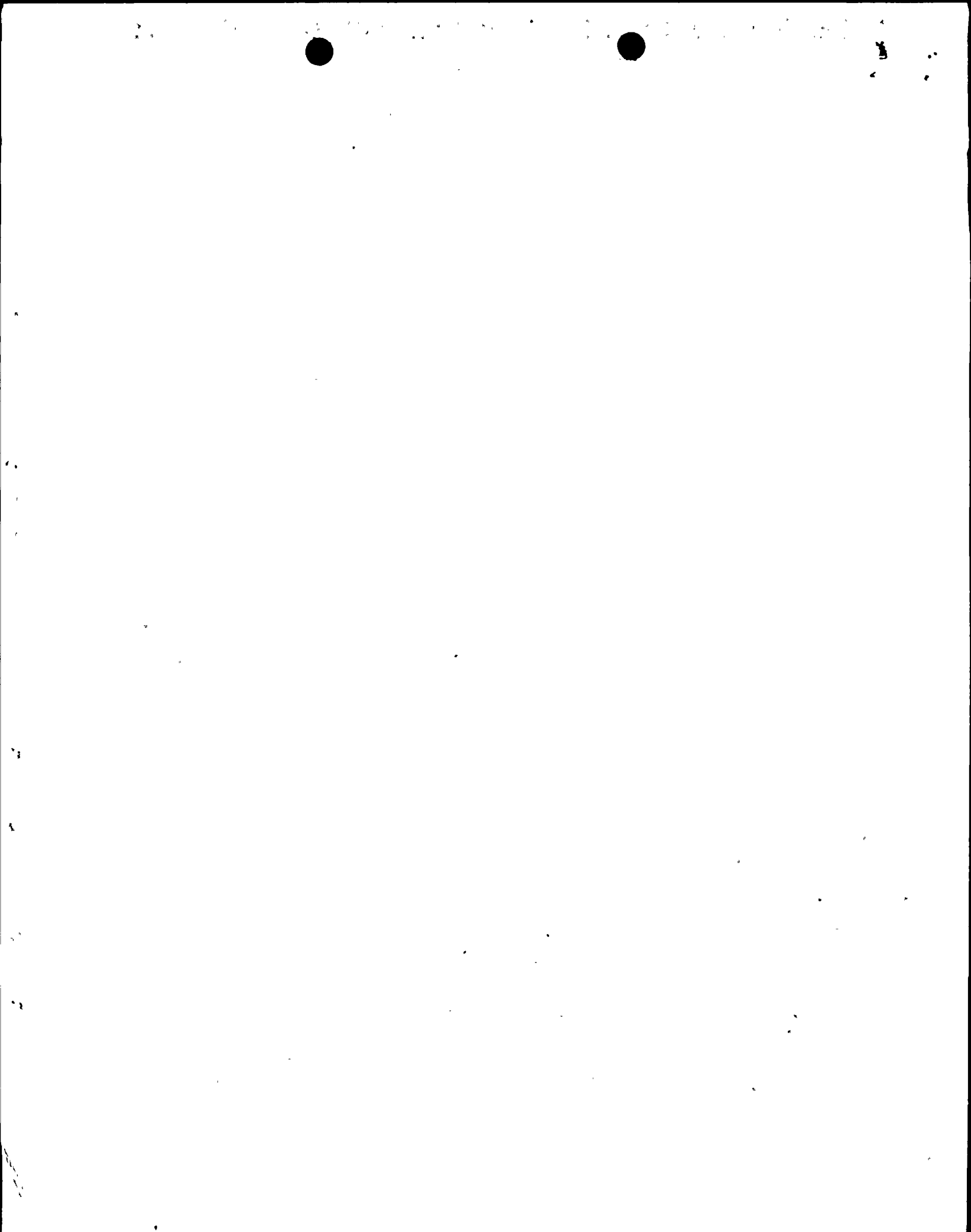
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P.O. Box 14000, Juno Beach, FL 33408-0420

NOVEMBER 02 1989

L-89-398

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

Gentlemen:

Re: St. Lucie Units 1 and 2
Docket Nos. 50-335 and 50-389
Quarterly Turtle Activities Report

Attached for your information is a copy of the subject report for the third quarter 1989, which was submitted to the Florida Department of Natural Resources, Florida Marine Research Institute on October 2, 1989.

Very truly yours,

D.A. Sager
D. A. Sager
Vice President
St. Lucie Plant

DAS/MSD/gmp

Attachment

cc: Stewart D. Ebnetter, Regional Administrator, Region II, USNRC
Senior Resident Inspector, USNRC, St. Lucie Plant

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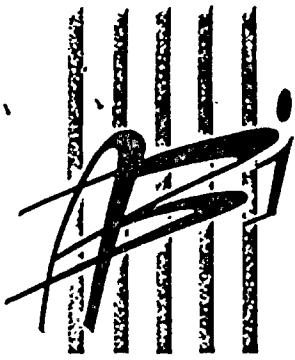


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The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that this is essential for ensuring the integrity of the financial system and for providing a clear audit trail. The text also mentions the need for transparency and accountability in all financial dealings.

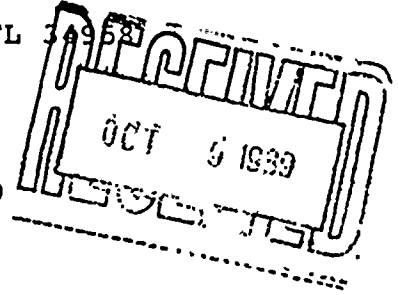
In addition, it is noted that the implementation of these measures will require close cooperation between all relevant departments. The document outlines the specific steps that need to be taken to ensure that these goals are achieved.

The final section of the document provides a summary of the key points discussed. It reiterates the importance of these measures and expresses confidence that they will be successfully implemented.



ENVIRONMENTAL
H E A L T H
SPECIALISTS

Applied Biology, Inc.
P.O. Box 974
Jensen Beach, FL 34958



October 2, 1989

Mr. J. Alan Huff
Florida Department of
Natural Resources
Florida Marine Research Institute
100 Eighth Avenue, SE
St. Petersburg, FL 33701-5095

Dear Alan:

Thirty-eight loggerhead turtles, two hawksbill turtles, one leatherback turtle and one Kemp's ridley turtle were removed from the St. Lucie Plant intake canal during the July - September quarter of 1989. One of the loggerheads was dead when removed. All forty-one live turtles were released into the ocean from Hutchinson Island. Measurements for all animals are attached.

As always, feel free to contact me if you have any questions concerning the enclosed information.

Sincerely,

R. Erik Martin
Senior Scientist

REM/mnm
enclosure

cc: J.R. Wilcox (FPL)
C.A. Oravetz (NMFS)
N.B. Thompson (NMFS)
R.G. Ernest (ABI)

MARINE TURTLE REMOVALS
ST. LUCIE PLANT INTAKE CANAL
JULY - SEPTEMBER 1989

DATE CAPTURED	SPECIES	TAG NUMBERS	SMCL (cm)	SSCL (cm)	CSCL (cm)	CMCW (cm)	SMCW (cm)	SMPL (cm)	WEIGHT (lbs)
Live Removals									
070689	<u>C. caretta</u>	AAJ739/PPW375	83.6	84.5	89.3	86.8	69.5	64.3	201
070689	<u>C. caretta</u> ¹	AAJ740/PPW400	92.3	93.4	100.2	95.1	74.2	71.1	252
070689	<u>C. caretta</u> ¹	AAJ741/PPW376	87.2	88.9	94.4	85.5	65.7	66.7	192
070689	<u>C. caretta</u>	AAJ742/PPW377	52.8	54.1	58.4	55.2	44.9	42.4	49
070689	<u>C. caretta</u>	AAJ743/PPW378	61.2	62.5	66.5	65.0	52.1	47.5	74
071189	<u>C. caretta</u>	AAJ744/PPW379	54.9	56.5	60.5	58.4	46.7	43.1	58
071289	<u>C. caretta</u>	AAJ746/PPW382	66.7	67.7	72.1	68.7	59.5	52.3	97
071389	<u>C. caretta</u>	AAJ747/PPW383	71.6	72.8	78.6	75.5	62.7	57.9	121
071389	<u>C. caretta</u> ²	AAJ748/PPW384 SI3382	96.3	100.0	104.8	91.0	69.5	73.6	268
071489	<u>C. caretta</u>	AAJ749/PPW385	84.4	86.4	93.0	89.5	69.3	67.1	218
071889	<u>C. caretta</u> ¹	AAJ750/PPW386	93.4	96.2	103.0	92.4	73.3	73.5	283
071898	<u>C. caretta</u>	AAJ751/PPW387	82.8	82.8	86.5	79.8	65.2	64.1	175
072189.	<u>C. caretta</u> ³	AAJ752/PPW388 PPD763	78.3	80.1	84.7	75.1	58.1	57.9	142
072189	<u>C. caretta</u> ¹	AAJ753/PPW389	95.9	97.5	104.8	94.0	77.4	77.1	287
072189	<u>C. caretta</u> ¹	AAJ754/PPW390	91.8	93.5	100.6	89.4	70.2	67.9	224
072489	<u>L. kempi</u>	AAJ755/PPW391	54.0	54.8	56.5	58.1	52.6	43.0	47
072589	<u>C. caretta</u>	PPW392/PPW393	57.7	59.1	62.8	60.5	52.0	46.4	71
072589	<u>C. caretta</u> ¹	AAJ756/PPW394	89.5	90.5	95.8	83.8	67.3	68.5	215
072689	<u>C. caretta</u>	AAJ757/PPW395	81.2	81.8	87.5	83.2	60.1	64.1	171
072789	<u>C. caretta</u>	PPW396/PPW397	49.3	49.8	54.0	51.2	41.9	39.0	41
072889	<u>C. caretta</u>	AAJ758/PPW398	60.2	61.2	66.2	64.2	53.6	47.0	71

DATE	DESCRIPTION	AMOUNT	BALANCE
1961			100.00
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2048			100.00
2049			100.00
2050			100.00

Page 1 of 1

DATE CAPTURED	SPECIES	TAG NUMBERS	SMCL (cm)	SSCL (cm)	CSCL (cm)	CMCW (cm)	SMCW (cm)	SMPL (cm)	WEIGHT (lbs)
080189	<u>C. caretta</u> ¹	AAJ759/PPW399	86.4	87.5	93.4	87.9	66.4	67.4	199
080189	<u>C. caretta</u> ¹	AAJ760/PPW401	88.8	89.7	95.3	90.3	69.3	68.1	233
080289	<u>C. caretta</u> ¹	AAJ761/PPW402	92.1	93.2	101.8	92.8	74.5	69.8	233
080389	<u>C. caretta</u> ¹	AAJ762/PPW403	86.5	87.8	93.0	89.8	69.4	67.1	219
080489	<u>C. caretta</u>	PPW404/PPW405	56.6	57.8	61.8	60.0	50.1	44.8	62
080889	<u>C. caretta</u> ⁴	AAJ763/PPW406	76.1	76.9	80.8	77.9	59.4	55.2	145
080889	<u>C. caretta</u> ¹	AAJ764/PPW407	88.0	88.4	93.0	90.0	69.8	69.2	217
081089	<u>C. caretta</u> ¹	AAJ765/PPW408	94.2	94.8	102.0	92.1	65.4	70.0	243
081689	<u>C. caretta</u>	PPW409/PPW410	59.1	60.2	63.8	62.3	52.4	46.4	67
081789	<u>C. caretta</u>	AAJ766/PPW411	82.5	83.3	89.5	78.5	64.1	62.2	151
081889	<u>C. caretta</u>	PPW412/PPW415	60.4	61.1	65.3	61.2	51.8	48.8	74
081889	<u>C. caretta</u> ¹	AAJ767/PPW416	93.3	95.3	101.2	95.4	71.3	72.2	259
082289	<u>C. caretta</u> ¹	AAJ768/PPW417	91.0	91.9	98.8	90.0	69.9	70.8	235
082589	<u>E. imbricata</u>	PPW418/PPW419	62.1	65.7	69.7	61.2	48.7	52.0	73
082889	<u>C. caretta</u> ¹	AAJ769/PPW420	87.0	88.0	93.0	86.2	68.0	65.1	207
083189	<u>C. caretta</u>	AAJ770/PPW421	80.7	82.2	87.8	81.8	66.9	65.9	195
091289	<u>C. caretta</u>	AAJ771/PPW422	62.9	64.0	68.1	64.3	52.6	48.4	73
091389	<u>D. coriacea</u> ¹	PPW423/PPW424	NM	NM	158.5	144.3	85.1	NM	738
091889	<u>C. caretta</u>	PPW425/PPW426	53.9	55.0	59.9	58.5	46.9	42.8	56
091889	<u>E. imbricata</u>	PPW427/PPW428	39.2	39.2	41.0	36.3	28.0	30.8	15.9

Dead Removals

070989	<u>C. caretta</u> ¹	Not Tagged	92.7	94.6	100.7	89.8	72.2	NM	NM
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 11:45 - 12:00

¹Female.

²Female. Previously tagged (SI3382) by Caretta Research; this tag removed on 13 July 1989.

³ABI Tag return. This turtle was removed from the intake canal, tagged (AAJ416/PPD763) and released 2.5 km south of the intake on 16 April 1987.

⁴Male; tail length = 330 mm

SMCL = straight minimum carapace length
SSCL = straight standard carapace length
CSCL = curved standard carapace length
CMCW = curved maximum carapace width
SMCW = straight maximum carapace width
SMPL = straight midline plastron length

NM = not measured

