

## MARINE TURTLE REMOVALS

OCTOBER 1983

<u>DATE CAPTURED</u>	<u>SPECIES</u>	<u>TAG NUMBER</u>	<u>CARAPACE LENGTH (mid-line) (cm)</u>	<u>CARAPACE LENGTH (curved) (cm)</u>	<u>CARAPACE WIDTH (cm)</u>	<u>PLASTRON LENGTH (cm)</u>	<u>TOTAL TAIL LENGTH (mm)</u>	<u>WEIGHT (lbs)</u>
ST. LUCIE PLANT INTAKE CANAL Live Removals								
10/4/83	<u>C. caretta</u>	AAH-889 AAH-890	65.5	71.5	69.5	52.0	129	82
10/5/83	<u>C. caretta</u>	AAH-891 AAH-892	64.0	69.0	66.5	47.5	141	75
✓ 10/6/83	<u>C. caretta</u>	AAH-893 AAH-894	51.5	56.5	54.5	40.0	115	48
10/6/83	<u>C. caretta</u> *	AAH-887 AAH-888	70.0	79.0	72.5	55.0	147	110
10/13/83	<u>C. caretta</u>	AAH-451 AAH-452	61.5	67.0	64.0	48.0	143	69
✓ 10/13/83	<u>C. caretta</u>	AAH-897 AAH-898	59.5	66.5	62.5	48.0	141	70
✓ 10/13/83	<u>C. caretta</u>	AAH-895 AAH-896	42.5	46.0	44.0	33.5	83	28
10/14/83	<u>C. mydas</u>	AAH-453 AAH-454	97.0	99.0	89.5	75.5	483	275
10/14/83	<u>C. caretta</u>	AAH-455 AAH-456	49.5	54.5	55.0	40.0	107	38
10/15/83	<u>C. caretta</u>	AAH-457 AAH-458	80.5	87.0	79.5	63.5	185	165
10/18/83	<u>C. caretta</u>	AAH-459 AAH-460	54.0	57.5	57.5	43.0	121	50
10/19/83	<u>C. caretta</u>	AAH-461 AAH-462	71.5	77.0	74.5	56.0	162	117
10/21/83	<u>C. caretta</u>	AAH-463 AAH-464	60.5	66.0	64.0	50.0	134	78
10/21/83	<u>C. caretta</u>	AAH-465	81.0	89.0	84.0	61.0	not measured	182
10/24/83	<u>C. caretta</u> **	AAH-457 AAH-458	80.5	87.0	79.5	63.5	185	165
10/25/83	<u>C. caretta</u>	AAH-466 AAH-467	60.5	66.0	61.0	48.0	132	66

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ST. LUCIE PLANT INTAKE CANAL Live Removals							
10/26/83	<u>C. caretta</u>	AAH-469 AAH-470	75.0      81.0	77.0	57.0	165	127
10/26/83	<u>C. caretta</u>	AAH-471 AAH-472	50.0      56.0	53.0	39.0	101	42
10/26/83	<u>C. caretta</u>	AAH-473 AAH-474	81.0      89.0	80.0	57.5	255	160

\* This turtle was removed from the intake canal on 9/30/83. On 10/1/83 a satellite transmitter was attached to the turtle and the turtle was released back into the canal. After its capture on 10/6/83 this turtle (with transmitter attached) was again released into the intake canal.

\*\* ABI tag return. This turtle was removed from the intake canal and tagged on 10/15/83. It was held at the House of Refuge until the morning of 10/20/83 at which time it was released 10.5 miles south of the intake canal.

UNION REGION II  
ATLANTA, GEORGIA

83 DEC 19 P12: 50



December 14, 1983  
L-83-586

Mr. James P. O'Reilly  
Regional Administrator, Region II  
U.S. Nuclear Regulatory Commission  
101 Marietta Street, Suite 2900  
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

Re: St. Lucie Unit Nos. 1 and 2  
Docket Nos. 50-335 and 50-389  
Sea Turtle Activities Report for October 1983

Attached please find a copy of the subject report, concerning sea turtle removals in the intake canal of the St. Lucie Plant, which was forwarded to the National Marine Fisheries Service.

This report is being forwarded to you in accordance with Section 4.1 of the St. Lucie Units 1 and 2 Environmental Protection Plans.

Very truly yours,

A handwritten signature in dark ink, appearing to read "J. Williams".

J. W. Williams, Jr.  
Vice President  
Nuclear Energy

JWW/RJS/cab

Attachments

OFFICIAL COPY

7/22

1/1

N.W. Wallis  
President  
J.B. Hamilton  
Vice President



F.A. Williams  
Secretary  
W.P. Hillman  
Comptroller

16 November 1983

RECEIVED

NOV 21 1983

Ans'd.....

Mr. Fred Berry, Fisheries Biologist  
NOAA/NMFS  
Southeast Fisheries Center  
75 Virginia Beach Drive  
Miami, Florida 33149

Dear Fred:

Eighteen loggerheads and one green turtle were removed from the St. Lucie Plant intake canal during October 1983. All of these turtles were alive. Three of the loggerheads (AAH 893/894, 895/896 and 897/898) were retained for entrapment deterrent studies, the transmitter equipped turtle (letter of 21 October 1983) was recaptured and released back into the canal, and the other turtles were released into the ocean. Measurements for these animals are attached. No turtles were reported from other plants.

Please call if you have any questions or comments.

Sincerely,

A handwritten signature in dark ink, appearing to read 'David J. Herrema', is written over a horizontal line.

David J. Herrema  
Manager, Aquatic Sciences

DJH/jb

Attachment

cc: J. Ross Wilcox, FPL (2 copies)  
Andy Mager, NOAA/NMFS