

AmerGen Energy Company, LLC
Oyster Creek
US Route 9 South, P.O. Box 388
Forked River, NJ 08731-0388

www.exeloncorp.com

An Exelon Company

September 1, 2005
2130-05-20169
2120-052-2922
File No. 05024

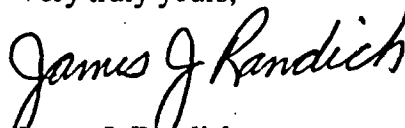
US Nuclear Regulatory Commission
Document Control Desk - NRC
Washington, DC 20555

Subject: Oyster Creek Generating Station
Docket 50-219
Sea Turtle Incidental Take Report 2005-2

This report provides detailed information regarding the recent incidental take of a juvenile Kemp's ridley sea turtle at the Oyster Creek Generating Station. The turtle was incidentally taken alive during the morning of August 5, 2005 after it was removed from the circulating water intake structure trash bars. As indicated on the attached incident report, the turtle was taken to the Marine Mammal Stranding Center in Brigantine, NJ for examination and rehabilitation prior to medical treatment and its subsequent release.

If you have any questions or require additional information, please do not hesitate to contact Mr. Malcolm Browne at (609) 971-4124.

Very truly yours,


James J. Randich
Plant Manager

JJR/MEB

Enclosure

cc: Ms. Sara McNulty
U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Marine Fisheries Service Northeast Region
Protected Resources Division
One Blackburn Drive
Gloucester, MA 01930

IE23

cc: Mr. Samuel Collins, Administrator, Region 1
US Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

Mr. Peter Tam
US Nuclear Regulatory Commission
Senior Project Manager
Washington, DC 20555

Ms. Harriet Nash, Mailstop O-11-F1
US Nuclear Regulatory Commission
Washington, DC 20555

Mr. Michael Masnik, Mailstop O-11-F1
US Nuclear Regulatory Commission
Washington, DC 20555

Senior Resident Inspector
Oyster Creek Generating Station
PO Box 388
Forked River, NJ 08731

Ms. Jeanette Bowers-Altman
NJ Department of Environmental Protection
Division of Fish, Game, and Wildlife
P.O. Box 400
Trenton, NJ 08625-0400

OYSTER CREEK GENERATING STATION

Sea Turtle Incidental Take Report 2005-2

At approximately 0500 hours on Friday August 5, 2005, an Oyster Creek Generating Station (OCGS) operator performing a routine cleaning of the trash racks noticed a live sea turtle below the water surface within Bay # 4 of the circulating water intake structure. The operator retrieved the turtle as gently as possible. The turtle appeared to be alive and moving about normally but a wound to a portion of the left front flipper was apparent. The Marine Mammal Stranding Center representative who took custody of the turtle the same morning confirmed it to be a juvenile Kemp's ridley sea turtle (Lepidochelys kempi). The water temperature at the time of the incidental take was approximately 82.7 F (28.2 C) and OCGS was in operation at 100% power with four circulating water pumps and two dilution pumps in operation. Although it is impossible to say precisely how long the turtle had been near the circulating water intake structure prior to removal, the circulating water trash racks and intake bays had been inspected only about one hour earlier the same day at approximately 0400 hours. The turtle was not observed during that inspection.

The turtle measured 9.3 in (23.6 cm) carapace length straight line and weighed 4.2 lb (1.9 kg). The turtle exhibited a severe laceration near the base of the left front flipper. However, the turtle appeared to be in good health and moving about normally after its gentle retrieval from the water at OCGS. No tags were present on the turtle when captured. USNRC and NMFS personnel were notified of the capture within 24 hours on August 5, 2005.

The turtle was taken to the Marine Mammal Stranding Center (MMSC) in Brigantine, NJ during the morning of August 5, 2005. At the MMSC, the turtle was examined, measured and held for feeding and rehabilitation. The Sea Turtle Stranding and Salvage Network Stranding Report 05-162 pre The turtle was sent the following day from MMSC to the Sea Turtle Rescue and Rehabilitation Center in Topsail Beach, NC for further rehabilitation and medical evaluation. On August 12, the turtle was transported to the NC State Veterinary School for amputation of the wounded flipper. The turtle will undergo additional rehabilitation before being released into the Atlantic Ocean.

SEA TURTLE STRANDING AND SALVAGE NETWORK – STRANDING REPORT

OBSERVER'S NAME / ADDRESS / PHONE:

First Brandi M.I. N Last Biehl

Affiliation Marine Mammal Stranding Center

Address PO Box 773, 3625 Brigantine Blvd., Brigantine, NJ 08203

Area code/Phone number (609) 266-0538

STRANDING DATE:

Year 20 05 Month 08 Day 5

Turtle number by day 01

Field ID # 05-162

Coordinator must be notified within 24 hrs; this was done by ☒ phone (609)266-0538

☐ email ☐ fax

SPECIES: (check one)

- ☐ CC = Loggerhead
☐ CM = Green
☐ DC = Leatherback
☐ EI = Hawksbill
☒ LK = Kemp's Ridley
☐ LO = Olive Ridley
☐ UN = Unidentified

Check Unidentified if not positive. Do Not Guess.

Carcass necropsied? ☐ Yes ☒ No

Photos taken? ☒ Yes ☐ No

Species verified by coordinator?

☒ Yes ☐ No

SEX:

☒ Undetermined

☐ Female ☐ Male

Does tail extend beyond carapace?

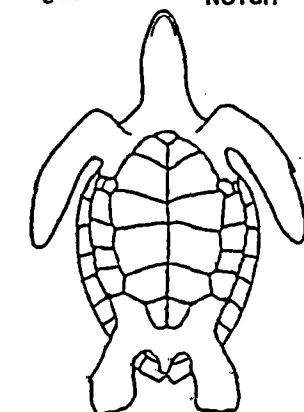
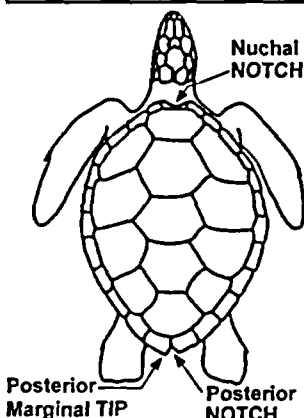
☐ Yes; how far? _____ cm / in

☐ No

How was sex determined?

☐ Necropsy

☐ Tail length (adult only)



STRANDING LOCATION: ☐ Offshore (Atlantic or Gulf beach) ☒ Inshore (bay, river, sound, inlet, etc)

State NJ

County Ocean County

Descriptive location (be specific) Forked River, Oyster Creek Nuclear Power Plant, impinged on water intake grating.

Latitude 39° 48. 85' N

Longitude 74° 12. 42' W

CONDITION: (check one)

- ☒ 0 = Alive
☐ 1 = Fresh dead
☐ 2 = Moderately decomposed
☐ 3 = Severely decomposed
☐ 4 = Dried carcass
☐ 5 = Skeleton, bones only

FINAL DISPOSITION: (check)

☐ 1 = Left on beach where found; painted? ☐ Yes* ☐ No(5)

☐ 2 = Buried: ☐ on beach / ☐ off beach;
 carcass painted before buried? ☐ Yes* ☐ No

☐ 3 = Salvaged: ☐ all / ☐ part(s), what/why?

☐ 4 = Pulled up on beach/dune; painted? ☐ Yes* ☐ No

☐ 6 = Alive, released

☒ 7 = Alive, taken to rehab. facility, where?

Topsail Sea Turtle Hospital (Topsail, NC)

☐ 8 = Left floating, not recovered; painted? ☐ Yes* ☐ No

☐ 9 = Disposition unknown, explain _____

*If painted, what color? _____

TAGS: Contact coordinator before disposing of any tagged animal!!

Checked for flipper tags? ☐ Yes ☒ No

Check all 4 flippers. If found, record tag number(s) / tag location / return address

PIT tag scan? ☐ Yes ☒ No

If found, record number / tag location

Coded wire tag scan? ☐ Yes ☒ No

If positive response, record location (flipper)

Checked for living tag? ☐ Yes ☒ No

If found, record location (scute number & side)

CARAPACE MEASUREMENTS: (see drawing)

Using calipers

Straight length (NOTCH-TIP) 23.6 ☐ cm ☒ in

Minimum length (NOTCH-NOTCH) _____ cm / in

Straight width (Widest Point) 21.5 ☐ cm ☒ in

Using non-metal measuring tape

Curved length (NOTCH-TIP) _____ cm / in

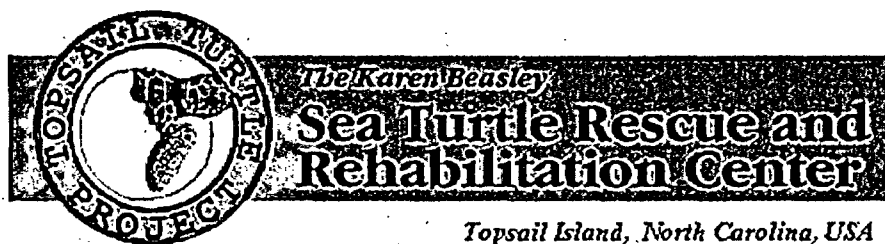
Minimum length (NOTCH-NOTCH) _____ cm / in

Curved width (Widest Point) _____ cm / in

Weight ☒ actual / ☐ est. 4.2 ☐ kg ☒ lb

Mark wounds / abnormalities on diagrams at left and describe below (note tar or oil, gear or debris entanglement, propeller damage, epibiota, papillomas, emaciation, etc.). Please note if no wounds / abnormalities are found.

Responsive. Emaciated. Left front flipper has severe laceration extending $\frac{3}{4}$ of the way across (small amount of muscle and tissue attaching it). Small abrasions to right front flipper. Injuries indicate a previous entanglement in a line or net. Taken to MMSC for evaluation. 08/06/05 Transferred to The Sea Turtle Hospital, Topsail, NC for further rehabilitation. 08/12/05 Left front flipper amputation by NC State Vet School.



[HOME](#) [PATIENT INDEX](#) [FACILITY AND STAFF](#) [SATELLITE TRACKING](#) [GIFTSHOP](#) [NESTING](#) [PHOTO ALBUM](#) [LINKS](#)

[bay](#) [caretta](#) [holden II](#) [corenetta](#) [noaa](#) [hammock](#) [emeraldII](#) [sullivan](#) [quarter](#) [stacy III](#)
[hanover](#) [boryk](#) [hope](#) [pounder II](#) [brunswick](#) [splash](#) [briggy](#)

BRIGGY	KEMP'S RIDLEY Lepidochelys kemp Juvenile		ADMIT AUG 6, 2005	
		Weight	1.9 kg	
		SCL:	cm	
		SCW:	cm	

THE STRANDING

Found with severe laceration to front flipper.

**THE TREATMENT**

Transported August 12 to the NC State Vet School for amputation of wounded flipper.