

October 30, 2006

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2120-062-2993

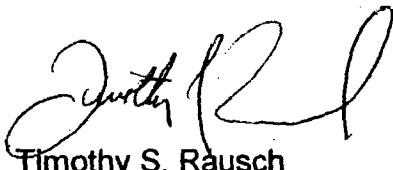
US Nuclear Regulatory Commission
Document Control Desk - NRC
Washington, DC 20555

Subject: Oyster Creek Generating Station
Docket 50-219
Sea Turtle Incidental Take Report 2006-6

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 taken alive on 6 October 2006 from the dilution water intake structure trash bars. As indicated on the attached incident report, the turtle was promptly turned over to the custody of the Marine Mammal Stranding Center (MMSC) in Brigantine, NJ for examination and subsequent treatment of a pre-existing injury. The turtle was then taken to the Karen Beasley Sea Turtle Rescue and Rehabilitation Center in Topsail Island, NC for further treatment. The turtle is expected to be released to the Atlantic Ocean near the Karen Beasley Center personnel following a period of rehabilitation.

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,



Timothy S. Rausch
Vice President, Oyster Creek Generating Station

Enclosures

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

cc: Pasquale Scida
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Regulatory Assurance File No. 06024

OYSTER CREEK GENERATING STATION

Sea Turtle Incidental Take Report 2006-6

At approximately 0940 hours on Friday October 6, 2006, an Oyster Creek Generating Station (OCGS) operator noticed a live sea turtle among the materials being removed from the trash racks while performing a routine trash rack cleaning of Bay # 6 of the dilution water intake structure. The turtle appeared to be healthy and moving about normally. OCGS Environmental personnel who took custody of the turtle 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 65.8 F (18.8 C) and OCGS was in operation at 92.5 % 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 on the trash bars prior to removal, the dilution water trash racks had been inspected and cleaned earlier the same morning. The turtle was not observed during that trash rack inspection and cleaning.

The turtle measured only 9.9 in (25.1 cm) carapace length straight line and weighed 3.5 lb (1.6 kg). Due to a pre-existing injury, almost the entire right front flipper was missing except for a short section covered with scar tissue. No tags were present on the turtle when captured. USNRC and NMFS personnel were notified of the incidental take within 24 hours.

The turtle was taken to the Marine Mammal Stranding Center (MMSC) in Brigantine, NJ at approximately 1100 hours on October 6, 2006. At the MMSC, the turtle was examined, measured, fed and held for observation prior to release. Because the outer scar tissue on the turtle's right front flipper had developed a small open wound during its attempts to free itself, MMSC personnel determined that the turtle would be transferred to the Karen Beasley Sea Turtle Rescue and Rehabilitation Center in Topsail Island, NC for further treatment. It is anticipated that following medical treatment at the Beasley Center, the turtle will be released into the nearby Atlantic Ocean.

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SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

OBSERVER'S NAME / ADDRESS / PHONE:
 First ndi M.I. 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 06 Month 10 Day 06
 Turtle number by day 01
 Field ID # MMSC-06-134
 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 Identified
 Check positive ☒ identified if not Do Not Guess.

Carcass ☒ incriminated? ☐ Yes ☒ No
 Photos ☒ taken? ☐ Yes ☒ No
 Specified by coordinator? ☐ No

SEX:
☒ Undetermined
☐ Female
 Does tail extend beyond carapace? ☐ Yes ☒ No
 How far? cm / in
 Sex determined? ☐ Yes ☒ No
 Length (adult only)

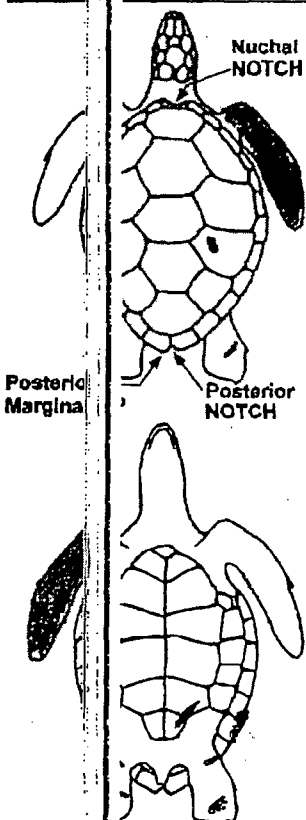
STRANDING LOCATION: ☐ Offshore (Atlantic or Gulf beach) ☒ Inshore (bay, river, sound, inlet, etc)
 State New Jersey County Ocean County
 Descriptive location (be specific) Forked River, Oyster Creek Nuclear Power Plant
Impinged on grate
 Latitude 39.81417 °N Longitude 74.20700 °W

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 Is., NC
The Karen Beasley Sea Turtle Rescue and Rehabilitation Center
☐ 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)
 Unable to check for
 Checked for living tag? ☒ Yes ☐ No
 If found, record location (scute number & side)

CARAPACE MEASUREMENTS: (see drawing)
 Using calipers Circle unit
 Straight length (NOTCH-TIP) 25.1 cm / in
 Minimum length (NOTCH-NOTCH) cm / in
 Straight width (Widest Point) 19.6 cm / in
 Using non-metal measuring tape Circle unit
 Curved length (NOTCH-TIP) cm / in
 Minimum length (NOTCH-NOTCH) cm / in
 Curved width (Widest Point) cm / in
 Weight ☒ actual / ☐ est. 3.4 kg / lb



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

alive; bright, alert, responsive; RFF has been cleanly severed just before the socket/joint connection; abrasions on all four flippers; RFF has 1/2 inch cut on ventral surface with healed area on dorsal surface; some scarring on plastron; taken to MMSC for treatment.
10-7-06 Transferred to Topsail Turtle Hospital - The Karen Beasley Sea Turtle Rescue and Rehabilitation Center for surgery and Rehabilitation

