

Oyster Creek Generating Station www.exeloncorp.com
Route 9 South
PO Box 388
Forked River, NJ 08731

10 CFR 50.2

November 29, 2010

RA-10-093

US Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555-0001

Oyster Creek Nuclear Generating Station
Renewed Facility Operating License No. DPR-16
NRC Docket No. 50-219

Subject: Sea Turtle Incidental Take Report 2010-9

The attached report provides detailed information regarding the recent incidental take of a live sub-adult Atlantic green sea turtle at Oyster Creek Nuclear Generating Station (OCNGS) on October 30, 2010.

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

Sincerely,



Michael J. Massaro
Vice President
Oyster Creek Nuclear Generating Station

Enclosures:

Incidental Take Report 2010-9 with photograph
MMSC Stranding Report MMSC-10-173

IE23
NRK

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

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

Regulatory Assurance File No. 10093

	<u>Incidental Take 2010-9</u>
Observer's full name:	LaBant
Reporter's full name:	LaBant
Species Identification (Key attached):	Green
Site of Impingement (CWS or DWS):	CWS
Bay Number:	1
Date animal observed:	30-Oct-10
Time animal observed:	4:02
Date animal collected:	30-Oct-10
Time animal collected:	4:03
CONDITIONS AT COLLECTION:	
Tidal Stage:	Flood Tide
Cloud conditions:	Clear
Precipitation:	None
Intake water temperature:	59.3 F / 15.2 C
Other conditions:	Low tide, clear skies
Number of CW pumps running:	4
Number of DW pumps running:	2
Reactor power level at observation:	100%
Reactor power previous 48-hours:	100%
Date of last screen inspection:	30-Oct-10
Time of last screen inspection:	0:05:00
MARINE MAMMAL STRANDING CENTER	
Date Brigatine MMSC contacted:	30-Oct-10
Time Brigatine MMSC contacted:	04:54
Date Animal picked up by MMSC:	30-Oct-10
Time Animal picked up by MMSC:	07:22
State of animal when first observed (Dead or Alive):	Alive
State of animal when collected:	Active

	<u>Incidental Take 2010-9</u> (continued)
State of animal when picked up:	Several old and healing scrapes on the posterior of the carapace and plastron. Small amount of algal growth on the carapace.
State of animal arriving at MMSC:	The turtle was active, swimming and diving normally, eating well, and passing waste.
Final disposition of animal:	Transferred 11/2/10 to Virginia Aquarium and Marine Science Center for subsequent release
Carapace Length - Curved	32.4 cm
Carapace Length - Straight	30.7 cm
Carapace Width - Curved:	29.7 cm
Carapace Width - Straight:	26.3 cm
Weight - lbs	8.2 lbs
Existing Tag Number	no tag
Photograph attached	yes
Diagram of wounds, abnormalities, tag locations attached	yes
Description of Animal	Juvenile Green sea turtle of indeterminate sex
	All information sent to: National Marine Fisheries Service, Northeast Region; Protected Resources Division; Attention: Endangered Species Coordinator; One Blackburn Drive; Gloucester, MA 01931



MMSC-10-173
10/30/10
Green Sea Turtle

SEA TURTLE STRANDING AND SALVAGE NETWORK – STRANDING REPORT

OBSERVER'S NAME / ADDRESS / PHONE:
 First Jay M.I. Last Pagel
 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 10 Month 10 Day 30
 Turtle number by day 01
 Field ID # MMSC-10-173
 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? NE cm / in
 No
 How was sex determined?
 Necropsy
 Tail length (adult only)

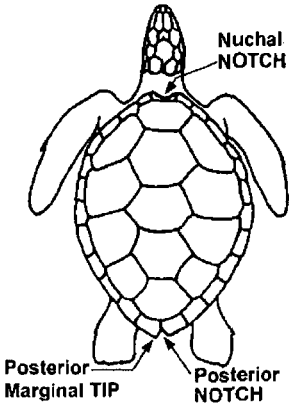
STRANDING LOCATION: Offshore (Atlantic or Gulf beach) Inshore (bay, river, sound, inlet, etc)
 State New Jersey County Ocean
 Descriptive location (be specific) Forked River, Oyster Creek Nuclear Generating Station
 Latitude 39.81417°N Longitude 74.20700°W

CONDITION: (check one)
 0 = Alive
 1 = Fresh dead
 2 = Moderately decomposed
 3 = Severely decomposed
 4 = Dried carcass
 5 = Skeleton, bones only

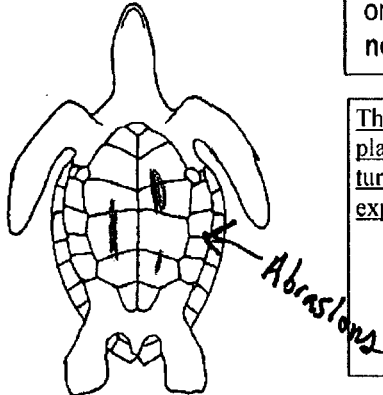
FINAL DISPOSITION: (check)
 1 = Left on beach where found; painted? Yes* No(5)
 2 = Buried: on beach / off beach;
 carcass painted before buried? Yes* No
 3 = Salvaged: all / part(s), what/why? _____
 4 = Pulled up on beach/dune; painted? Yes* No
 6 = Alive, released
 7 = Alive, taken to rehab. facility, where? _____
Virginia Aquarium and Marine Science 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
None found
 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
 Straight length (NOTCH-TIP) 30.7 cm in
 Minimum length (NOTCH-NOTCH) _____ cm in
 Straight width (Widest Point) 26.3 cm in
 Using non-metal measuring tape
 Curved length (NOTCH-TIP) 32.4 cm in
 Minimum length (NOTCH-NOTCH) _____ cm in
 Curved width (Widest Point) 29.7 cm in
Weight actual / est. 8.2 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.**



The turtle was found impinged on the power plant grate. There were minor abrasions on the plastron, and there is a small amount of algae growth on the carapace. The turtle was active. The turtle was transferred to Virginia Aquarium and Marine Science Center on 11/2/10. The turtle is expected to be released within the next few weeks.