



Exelon Generation®

Oyster Creek
Route 9 South
P.O. Box 388
Forked River, NJ 08731

10 CFR 50.2

November 23, 2016

RA-16-101

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk or O-8B1
One White Flint North
11555 Rockville Pike
Rockville, MD 20852

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

Subject: Sea Turtle Incidental Take Report 2016-003

The attached report provides detailed information regarding the recent incidental take of a live Green sea turtle at Oyster Creek Nuclear Generating Station (OCNGS) on October 28, 2016.

If you have any questions or require additional information, please do not hesitate to contact Kathryn Houlahan at (609) 971-2588.

Sincerely,

Michael F. Gillin
Plant Manager
Oyster Creek Nuclear Generating Station

Enclosures:

Incidental Take Report 2016-003 (with photographs)
Marine Mammal Stranding Center STSSN Report for Turtle 2016-003

IE77
NRR

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

Patrick Mulligan
NJ Department of Environmental Protection
Bureau of Nuclear Engineering
P.O. Box 420, Mail Code 33-01
Trenton, NJ 08625-0420

	Incidental Take 2016-003
OPERATIONS DEPARTMENT:	
Observer's full name:	William Thompson
Reporter's full name:	Thomas Busk
Species Identification (Key attached):	Green
Site of Impingement (CWS or DWS):	CWS
Bay Number:	5
Date animal observed:	28-October-16
Time animal observed:	22:50
Date animal collected:	28-October-16
Time animal collected:	23:03
CONDITIONS AT COLLECTION:	
Tidal Stage:	High Tide
Cloud conditions:	Clear
Precipitation:	None
Intake water temperature:	55°F
Other conditions	None
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:	28-October-16
Time of last screen inspection:	20:00
ENVIRONMENTAL DEPARTMENT:	
Date Brigantine MMSC contacted:	28-October-16
Time Brigantine MMSC contacted:	23:40
Date Animal picked up by MMSC:	29-October-16
Time Animal picked up by MMSC:	10:20

	Incidental Take 2016-003
State of animal when first observed:	Alive
State of animal when collected:	Alive
State of animal when picked up:	Alive
State of animal arriving at MMSC:	Alive, no obvious injuries or illness.
Final disposition of animal:	Transferred to North Carolina Aquarium at Pineknoll Shares for evaluation and release.
Carapace Length - Curved	33.6 cm
Carapace Length - Straight	31.2 cm
Carapace Width - Curved:	28.7 cm
Carapace Width - Straight:	26.2 cm
Weight - lbs. (kg)	7.7 lbs.
Existing Tag Number	no tag
Photograph attached	Yes
Diagram of wounds, abnormalities, tag locations attached	Yes
Description of Animal	Green

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 16 Month 10 Day 28
 Turtle number by day 01
 Field ID # MMSC-16-101
 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 New Jersey County Ocean
 Descriptive location (be specific) Forked River, Oyster Creek Nuclear Generating Station
 Latitude 39.814141°N Longitude 74.207657°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? _____
 MMSC
- 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)

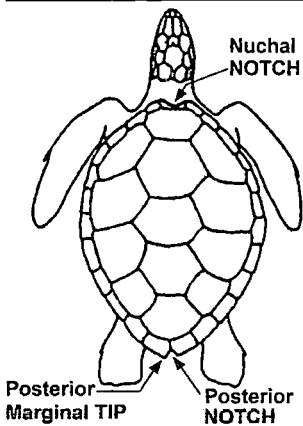
 Unable to check for _____

Checked for living tag? Yes No
 If found, record location (scute number & side)

CARAPACE MEASUREMENTS: (see drawing)

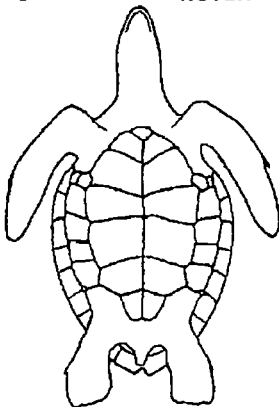
Using calipers

Straight length (NOTCH-TIP)	<u>31.2</u> <input checked="" type="checkbox"/> cm <input type="checkbox"/> in
Minimum length (NOTCH-NOTCH)	<u>_____</u> <input type="checkbox"/> cm <input type="checkbox"/> in
Straight width (Widest Point)	<u>26.2</u> <input checked="" type="checkbox"/> cm <input type="checkbox"/> in
Using non-metal measuring tape	Circle unit
Curved length (NOTCH-TIP)	<u>33.6</u> <input checked="" type="checkbox"/> cm <input type="checkbox"/> in
Minimum length (NOTCH-NOTCH)	<u>_____</u> <input type="checkbox"/> cm <input type="checkbox"/> in
Curved width (Widest Point)	<u>28.7</u> <input checked="" type="checkbox"/> cm <input type="checkbox"/> in
	Circle unit
Weight <input checked="" type="checkbox"/> actual / <input type="checkbox"/> est.	<u>7.7</u> <input type="checkbox"/> kg <input checked="" type="checkbox"/> lb

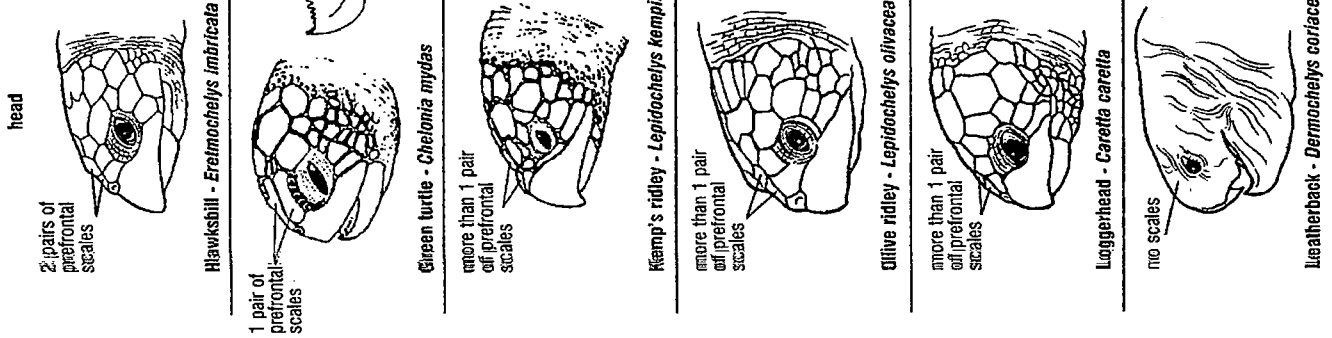


Mark wounds / abnormalities on diagrams at left and describe below (note tar or oil, gear or debris entanglement, propeller damage, epibiota, papillomas, emaciation, etc.). **Please note if no wounds / abnormalities are found.**

Found alive, swimming in dilution pool of nuclear generating station. No obvious injuries or illness. Alert, active and robust. Held overnight at power plant and transferred to MMSC on the morning of 10/29/16. 10/30/16 transferred to North Carolina Aquarium at Pineknoll Shares for evaluation and release.



SPECIES IDENTIFICATION



NMFS's Acceptable minimum Straight Carapace Lengths (SCL) for adult sea turtles. Any animal with a SCL's less than these listed are considered a juvenile animals; therefore, sex can ONLY be determined via necropsy:

- Leatherback Unknown/undetermined minimum SCL
- Loggerhead SCL > 90 cm (35.43 inches)
- Green SCL > 95 cm (37.40 inches)
- Kemp's Ridley SCL > 60 cm (23.62 inches)

Please use an envelope and mail original form to:

**MR. ROBERT SCHOELKOPF
 NEW JERSEY STSSN COORDINATOR
 MARINE MAMMAL STRANDING CENTER
 P.O. BOX 773
 BRIGANTINE, NJ 08203**

