

Oyster Creek Generating Station
Route 9 South
PO Box 388
Forked River, NJ 08731

www.exeloncorp.com

10 CFR 50.4

October 20, 2011

RA-11-081

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 2011-8

The attached report provides detailed information regarding the recent incidental take of a dead Kemp's Ridley sea turtle at Oyster Creek Nuclear Generating Station (OCNGS) on September 28, 2011.

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 2011-8 with photographs and diagram;
MMSC Stranding Report MMSC-11-185

IE25
NR2

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

Regulatory Assurance File No. 11081

	Incidental Take 2011-8
OPERATIONS DEPARTMENT:	
Observer's full name:	Gary Winkler
Reporter's full name:	Neal Miller
Species Identification (Key attached):	Kemp's Ridley
Site of Impingement (CWS or DWS):	DWS
Bay Number:	2
Date animal observed:	28-Sep-11
Time animal observed:	14:29
Date animal collected:	28-Sep-11
Time animal collected:	14:34

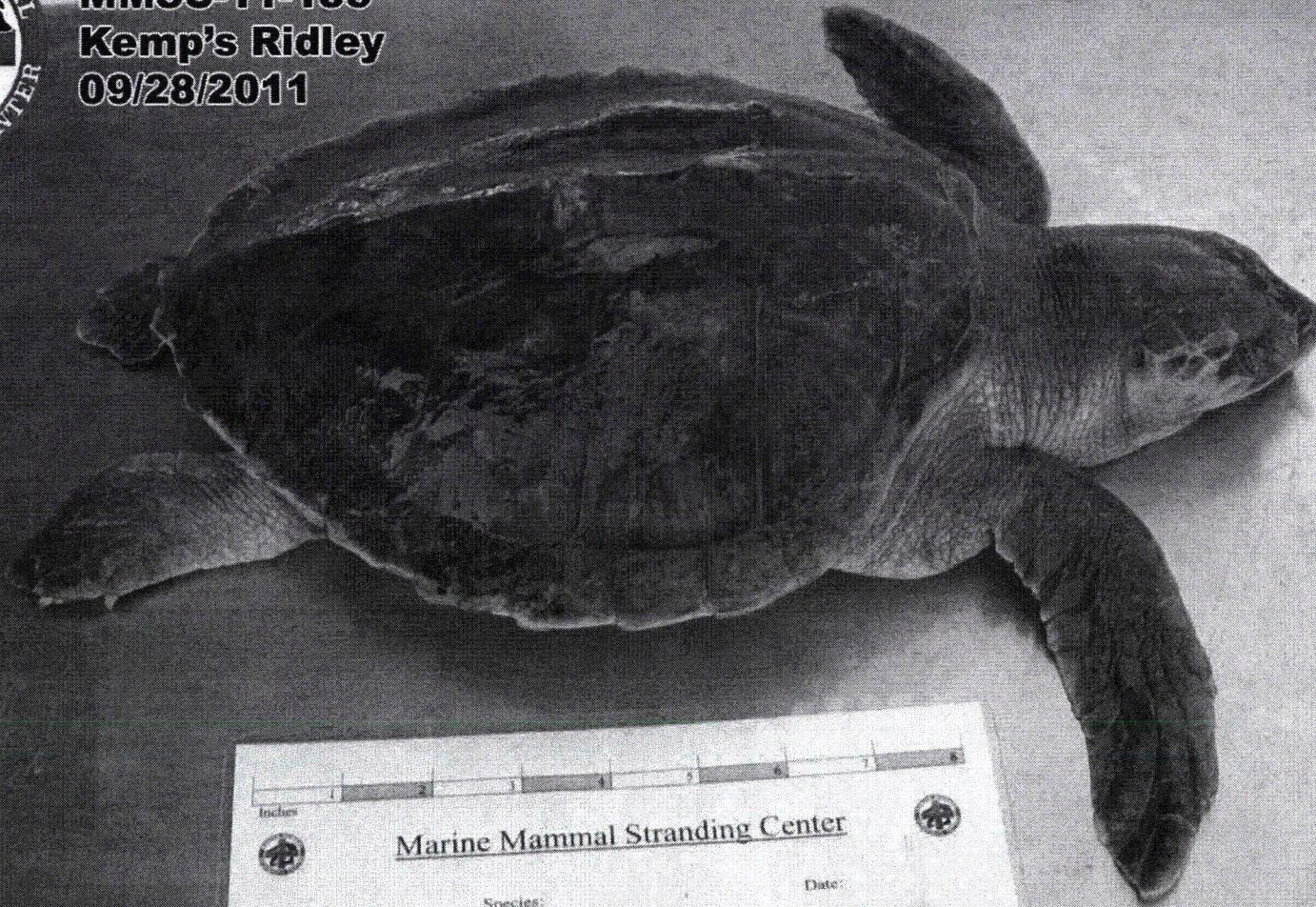
	<u>Incidental Take 2011-8</u>
CONDITIONS AT COLLECTION:	
Tidal Stage:	Ebb Tide
Cloud conditions:	Overcast
Precipitation:	None
Intake water temperature:	77.9°F / 25.5°C
Other conditions	None Reported
Number of CW pumps running:	4
Number of DW pumps running:	2
Reactor power level at observation:	100%
Reactor power previous 48-hours:	100%
Date of last screen inspection:	28-Sep-11
Time of last screen inspection:	14:23
Date of last trash raking:	28-Sep-11
Time of last trash raking:	14:23

	<u>Incidental Take 2011-8</u>
ENVIRONMENTAL DEPARTMENT:	
Date Brigantine MMSC contacted:	28-Sep-11
Time Brigantine MMSC contacted:	14:44
Date Animal picked up by MMSC:	28-Sep-11
Time Animal picked up by MMSC:	16:45
State of animal when first observed:	Dead
State of animal when collected:	Dead. Minor scrapes on top and bottom. Per MMSC necropsy, the impingement appears to have been postmortem based on the observed initial level of decomposition.
State of animal when picked up:	Dead
State of animal arriving at MMSC:	Dead

	<u>Incidental Take 2011-8</u>
Final disposition of animal:	Necropsied at MMSC and buried at north end of Brigantine Island, NJ
Carapace Length - Curved	27.2 cm
Carapace Length - Straight	25.7 cm
Carapace Width - Curved:	27.5 cm
Carapace Width - Straight:	23.3 cm
Weight - lbs (kgs)	6.2 lbs (2.8 kg)
Existing Tag Number	No tag
Photograph attached	Yes
Diagram of wounds, abnormalities, tag locations attached	Yes
Description of Animal	Juvenile, died prior to incidental take. Some organs not identifiable during necropsy due to decomposition but turtle determined to be female. Scrapes on carapace and plastron. Undigested blue crab parts in stomach and GI tract.
All information sent to: National Marine Fisheries Service, Northeast Region; Protected Resources Division; Attention: Endangered Species Coordinator; One Blackburn Drive; Gloucester, MA 01930	Yes





MMSC-11-185
Kemp's Ridley
09/28/2011



1 2 3 4 5 6 7 8

Inches

 Marine Mammal Stranding Center 

Field ID #: _____ Species: _____ Date: _____

Centimeters

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

SEA TURTLE STRANDING AND SALVAGE NETWORK – STRANDING REPORT

OBSERVER'S NAME / ADDRESS / PHONE:

First Jay M.I. Last Page
 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 11 Month 09 Day 28
 Turtle number by day 01
 Field ID # MMSC-11-185
 Coordinator must be notified within 24 hrs; this was done by ☒ phone (609)266-0538
☐ email ☐ fax

SPECIES: (check one)

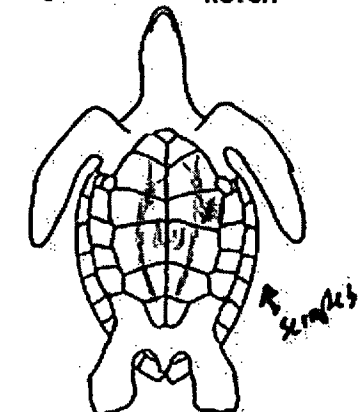
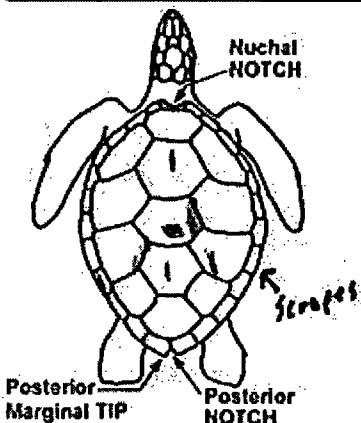
- ☐ CC = Loggerhead
☐ CM = Green
☐ DC = Leatherback
☐ EI = Hawksbill
☒ LK = Kemp's Ridley
☐ LO = Olive Ridley
☐ UN = Unidentified

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 NPGS
 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

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)

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?
 LFF-aging; muscle-genetics; skull-education
☐ 4 = Pulled up on beach/dune; painted? ☐ Yes* ☐ No
☐ 8 = Alive, released
☐ 7 = Alive, taken to rehab. facility, where?
☐ 8 = Left floating, not recovered; painted? ☐ Yes* ☐ No
☐ 9 = Disposition unknown, explain

*If painted, what color?

CARAPACE MEASUREMENTS: (see drawing)

Using calipers

		Circle unit
Straight length (NOTCH-TIP)	25.7	<input checked="" type="checkbox"/> cm <input type="checkbox"/> in
Minimum length (NOTCH-NOTCH)	25.3	<input checked="" type="checkbox"/> cm <input type="checkbox"/> in
Straight width (Widest Point)	23.3	<input checked="" type="checkbox"/> cm <input type="checkbox"/> in
Using non-metal measuring tape		Circle unit
Curved length (NOTCH-TIP)	27.2	<input checked="" type="checkbox"/> cm <input type="checkbox"/> in
Minimum length (NOTCH-NOTCH)	26.8	<input checked="" type="checkbox"/> cm <input type="checkbox"/> in
Curved width (Widest Point)	27.5	<input checked="" type="checkbox"/> cm <input type="checkbox"/> in
Weight		Circle unit
<input checked="" type="checkbox"/> actual / <input type="checkbox"/> est.	6.2	<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.

Incidental Capture - Power Plant Impingement: Based upon the level of decomp. the impingement appears to have been postmortem. Scrapes on the carapace and plastron, undigested blue crab parts in the stomach, crab hard parts throughout the GI tract, some organs were not identifiable due to decomp level