

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

www.exeloncorp.com

Nuclear

10 CFR 50.4

June 29, 2011

RA-11-049

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 2011-1

The attached report provides detailed information regarding the recent incidental take of a live Kemp's ridley sea turtle at Oyster Creek Nuclear Generating Station (OCNGS) on June 7, 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 2011-1 with photograph
MMSC Stranding Report MMSC-11-145

IE23
NR

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. 11049

	Incidental Take 2011-1
OPERATIONS DEPARTMENT:	
Observer's full name:	William Tolbert
Reporter's full name:	David Shaffer
Species Identification (Key attached):	Kemp's ridley
Site of Impingement (CWS or DWS):	DWS
Bay Number:	1
Date animal observed:	7-Jun-11
Time animal observed:	9:15
Date animal collected:	7-Jun-11
Time animal collected:	9:15

	Incidental Take 2011-1
CONDITIONS AT COLLECTION:	
Tidal Stage:	Ebb Tide
Cloud conditions:	Partly Cloudy
Precipitation:	None
Intake water temperature:	70.3 F / 21.3 C
Other conditions	None recorded
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:	7-Jun-11
Time of last screen inspection:	8:10
Date of last trash raking:	7-Jun-11
Time of last trash raking:	9:11

	<u>Incidental Take 2011-1</u>
ENVIRONMENTAL DEPARTMENT:	
Date Brigantine MMSC contacted:	7-Jun-11
Time Brigantine MMSC contacted:	10:07
Date Animal picked up by MMSC:	7-Jun-11
Time Animal picked up by MMSC:	11:30
State of animal when first observed:	Alive with only minor abrasions
State of animal when collected:	Alive
State of animal when picked up:	Alive
State of animal arriving at MMSC:	Alive

	<u>Incidental Take 2011-1</u>
Final disposition of animal:	Tagged and released at north end of Brigantine Island, NJ
Carapace Length - Curved	28.1 cm
Carapace Length - Straight	26.1 cm
Carapace Width - Curved:	29.1 cm
Carapace Width - Straight:	25.1 cm
Weight - lbs (kg)	6.4 lbs (2.9 kg)
Existing Tag Number	No tag
Photograph attached	Yes
Diagram of wounds, abnormalities, tag locations attached	Yes
Description of Animal	Juvenile Kemp's ridley sea turtle of indeterminant sex
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-11-145
Kemp's Ridley 06/07/2011

SEA TURTLE STRANDING AND SALVAGE NETWORK – STRANDING REPORT

OBSERVER'S NAME / ADDRESS / PHONE:

First Brandi 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 11 Month 06 Day 07
 Turtle number by day 01
 Field ID # MMSC-11-145
 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

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? _____
☐ 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

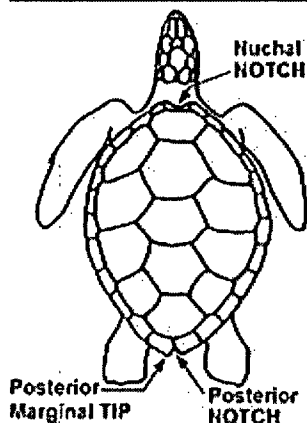
PIT tag scan? ☒ Yes ☐ No
 If found, record number / tag location

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)	<u>26.1</u>	<input checked="" type="checkbox"/> cm <input type="checkbox"/> in
Minimum length (NOTCH-NOTCH)	<u>25.8</u>	<input checked="" type="checkbox"/> cm <input type="checkbox"/> in
Straight width (Widest Point)	<u>25.1</u>	<input checked="" type="checkbox"/> cm <input type="checkbox"/> in
Using non-metal measuring tape		Circle unit
Curved length (NOTCH-TIP)	<u>28.1</u>	<input checked="" type="checkbox"/> cm <input type="checkbox"/> in
Minimum length (NOTCH-NOTCH)	<u>27.8</u>	<input checked="" type="checkbox"/> cm <input type="checkbox"/> in
Curved width (Widest Point)	<u>29.1</u>	<input checked="" type="checkbox"/> cm <input type="checkbox"/> in
		Circle unit
Weight <input checked="" type="checkbox"/> actual / <input type="checkbox"/> est.	<u>6.4</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, epibiotas, papillomas, emaciation, etc.). Please note if no wounds / abnormalities are found.

Incidental Capture: Power Plant Impingement. Animal was alert and active and had some bruising on plastron. Tagged and released on north end of Brigantine.

RFF metal tag SSL138

LEF PIT tag 472C624037



472C624037

