



Oyster Creek Generating Station  
741 Route 9 South  
Forked River, NJ 08731

10 CFR 50.2

October 4, 2017

RA-17-062

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 2017-003

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 September 4, 2017.

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

Sincerely,

A handwritten signature in cursive script that reads "Michael F. Gillin".

Michael F. Gillin  
Plant Manager  
Oyster Creek Nuclear Generating Station

Enclosures:

Incidental Take Report 2017-003 (with photographs)  
Marine Mammal Stranding Center STSSN Report for Turtle 2017-003

IE77  
NRR

Oyster Creek Generating Station  
741 Route 9 South  
Forked River, NJ 08731  
RA-17-062

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

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

Administrator, Region 1  
US Nuclear Regulatory Commission  
2100 Renaissance Boulevard, Suite 100  
King of Prussia, PA 19406-2713

John Lamb  
Senior Project Manager  
US Nuclear Regulatory Commission  
Mail Stop 8-B1  
Washington, DC 20555

Amar Patel  
Senior Resident Inspector  
Oyster Creek Generating Station  
P.O. Box 388  
Forked River, NJ 08731

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

	<b>Incidental Take 2017-003</b>
<b>OPERATIONS DEPARTMENT:</b>	
Observer's full name:	Taylor Purdue
Reporter's full name:	James Fleury
Species Identification (Key attached):	Kemp's Ridley
Site of Impingement (CWS or DWS):	CWS
Bay Number:	4
Date animal observed:	4-September-17
Time animal observed:	01:00
Date animal collected:	4-September-17
Time animal collected:	01:37
<b>CONDITIONS AT COLLECTION:</b>	
Tidal Stage:	High Tide
Cloud conditions:	Clear
Precipitation:	None
Intake water temperature:	71°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:	95.1%
Date of last screen inspection:	4-September-17
Time of last screen inspection:	00:30
<b>ENVIRONMENTAL DEPARTMENT:</b>	
Date Brigantine MMSC contacted:	4-September-17
Time Brigantine MMSC contacted:	01:55
Date Animal picked up by MMSC:	4-September-17

	<b>Incidental Take 2017-003</b>
Time Animal picked up by MMSC:	10:30
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, bruising on plastron, old minor cuts to carapace.
Final disposition of animal:	Alive, taken to MMSC rehab facility.
Carapace Length - Curved	29.0 cm
Carapace Length - Straight	28.0 cm
Carapace Width - Curved:	30.0 cm
Carapace Width - Straight:	25.5 cm
Weight - lbs. (kg)	6.0 lbs
Existing Tag Number	No tag
Photograph attached	Yes
Diagram of wounds, abnormalities, tag locations attached	Yes
Description of Animal	Kemp's Ridley

# SEA TURTLE STRANDING AND SALVAGE NETWORK – STRANDING REPORT

## OBSERVER'S NAME / ADDRESS / PHONE:

First Mike M.I.            Last Kapp  
 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 17 Month 09 Day 04  
 Turtle number by day 01  
 Field ID # MMSC-17-126  
 Coordinator must be notified within 24 hrs; this was done by  phone (609)266-0538  
 email  fax

## SPECIES: (check one)

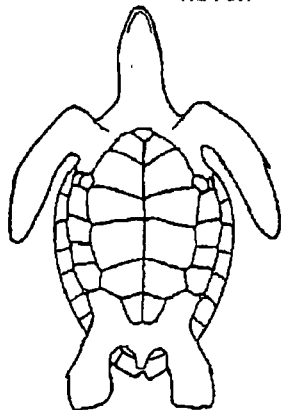
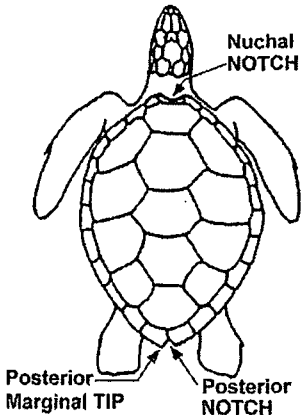
- CC = Loggerhead  
 CM = Green  
 DC = Leatherback  
 EI = Hawksbill  
 LK = Kemp's Ridley  
 LO = Olive Ridley  
 UN = Unidentified

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, OCNGS intake  
 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

## 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? \_\_\_\_\_  
 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? \_\_\_\_\_

## CARAPACE MEASUREMENTS: (see drawing)

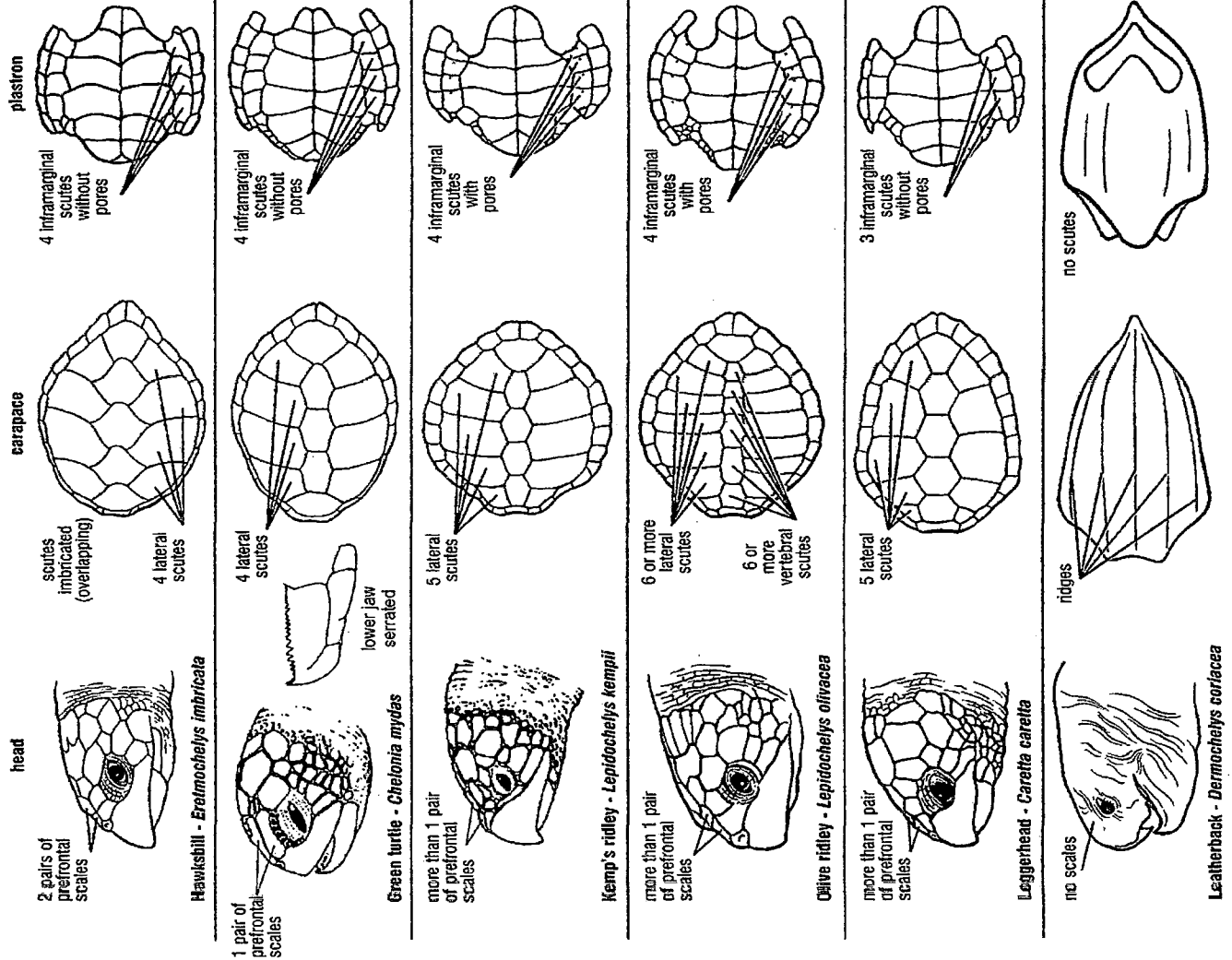
### Using calipers

Straight length (NOTCH-TIP)	28	<input checked="" type="checkbox"/> cm	<input type="checkbox"/> in
Minimum length (NOTCH-NOTCH)		<input type="checkbox"/> cm	<input type="checkbox"/> in.
Straight width (Widest Point)	25.5	<input checked="" type="checkbox"/> cm	<input type="checkbox"/> in
Using non-metal measuring tape			
Curved length (NOTCH-TIP)	29	<input checked="" type="checkbox"/> cm	<input type="checkbox"/> in
Minimum length (NOTCH-NOTCH)		<input type="checkbox"/> cm	<input type="checkbox"/> in
Curved width (Widest Point)	30	<input checked="" type="checkbox"/> cm	<input type="checkbox"/> in
			<b>Circle unit</b>
Weight		<input checked="" type="checkbox"/> actual /	<input type="checkbox"/> est.
	6	<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.**

Alive. Bright, alert, responsive. Bruising on plastron, old minor cuts to carapace. No other obvious injuries or illness. Taken to MMSC for observation.

**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**













Operations Dept.  
FORT WORTH POLICE  
Name: [illegible]  
[illegible]  
[illegible]