



Exelon Generation.

10 CFR 50.2

July 16, 2015

RA-15-064

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 15-02

The attached report, provides detailed information regarding the recent incidental take of a dead juvenile Kemp's Ridley sea turtle at Oyster Creek Nuclear Generating Station (OCNGS) on June 17, 2015.

Also included in this packet is MMSC-15-066, the Sea Turtle Stranding and Salvage Network Stranding Report for the previous sea turtle which was taken at OCNGS on May 31, 2015, (turtle 2015-1) and reported to the NRC by letter dated June 26, 2015.

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

Sincerely,

Garey L. Stathes
Vice-President
Oyster Creek Nuclear Generating Station

Enclosures:

Incidental Take Report 2015-2 with photographs
Marine Mammal Stranding Center STSSN Reports for turtles 2015-1 and 2015-2

IE77
NRR

cc: Julie Crocker
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National Oceanic & Atmospheric Administration
National Marine Fisheries Service Northeast Region
Protected Resources Division
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Gloucester, MA 01930

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

	Incidental Take 2015-2
OPERATIONS DEPARTMENT:	
Observer's full name:	Brian Breidinger
Reporter's full name:	Jeremy Sharkey
Species Identification (Key attached):	Kemp's ridley
Site of Impingement (CWS or DWS):	DWS
Bay Number:	3
Date animal observed:	17-June-15
Time animal observed:	13:54
Date animal collected:	17-June-15
Time animal collected:	13:54
CONDITIONS AT COLLECTION:	
Tidal Stage:	Low Tide
Cloud conditions:	Clear
Precipitation:	None
Intake water temperature:	77°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:	17-June-15
Time of last screen inspection:	7:40 AM
ENVIRONMENTAL DEPARTMENT:	
Date Brigantine MMSC contacted:	17-June-15
Time Brigantine MMSC contacted:	13:00
Date Animal picked up by MMSC:	17-June-15
Time Animal picked up by MMSC:	16:30
State of animal when first observed:	Dead

SEA TURTLE STRANDING AND SALVAGE NETWORK STRANDING REPORT

OBSERVER NAME AND ADDRESS

Incidental Take 2015-2

STRANDING DATE

State of animal when collected:

Dead

FEBRUARY, MISC 15480

State of animal when picked up:

Dead

State of animal arriving at MMSC:

Dead, scrapes on carapace.

Final disposition of animal:

Dead, buried by MMSC.

Carapace Length - Curved

26.9 cm

Carapace Length - Straight

24.8 cm

Carapace Width - Curved:

26.8 cm

Carapace Width - Straight:

23.6 cm

Weight - lbs (kgs)

4.8 lbs.

Existing Tag Number

no tag

Photograph attached

Yes

Diagram of wounds, abnormalities, tag locations attached

Yes

Description of Animal

Juvenile Kemp's ridley of undetermined sex

SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

OBSERVER'S NAME / ADDRESS / PHONE:

First Danielle M.I. M Last Brown
 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 15 Month 06 Day 17

Turtle number by day 01

Field ID # MMSC-15-083

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
☒ LR = Kemp's Ridley
☐ LO = Olive Ridley
☐ UN = Unidentified

Check Unidentified if not positive. Do Not Guess.

Carcass refrigerated? ☒ 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). OCNCS, in addition

pool

Latitude 39.814111°N

Longitude 74.207667°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

Straight length (NOTCH-TIP) 24.8 ☒ cm ☐ in

Minimum length (NOTCH-NOTCH) ☐ cm ☐ in

Straight width (Widest Point) 23.6 ☒ cm ☐ in

Using non-metal measuring tape

Curved length (NOTCH-TIP) 26.9 ☒ cm ☐ in

Minimum length (NOTCH-NOTCH) ☐ cm ☐ in

Curved width (Widest Point) 26.8 ☒ cm ☐ in

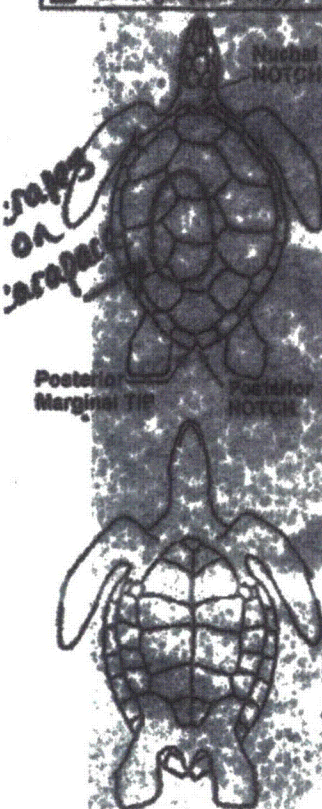
Circle unit

Weight ☒ actual / ☐ est. 4.75 ☐ 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.

Dead, code 2. Scrapes on carapace, no other apparent injuries.

Necropsy Results: Most organs autolyzed. Many bits of shell in digestive tract. COD could not be determined. Photos taken. Disposed of by MMSC staff.

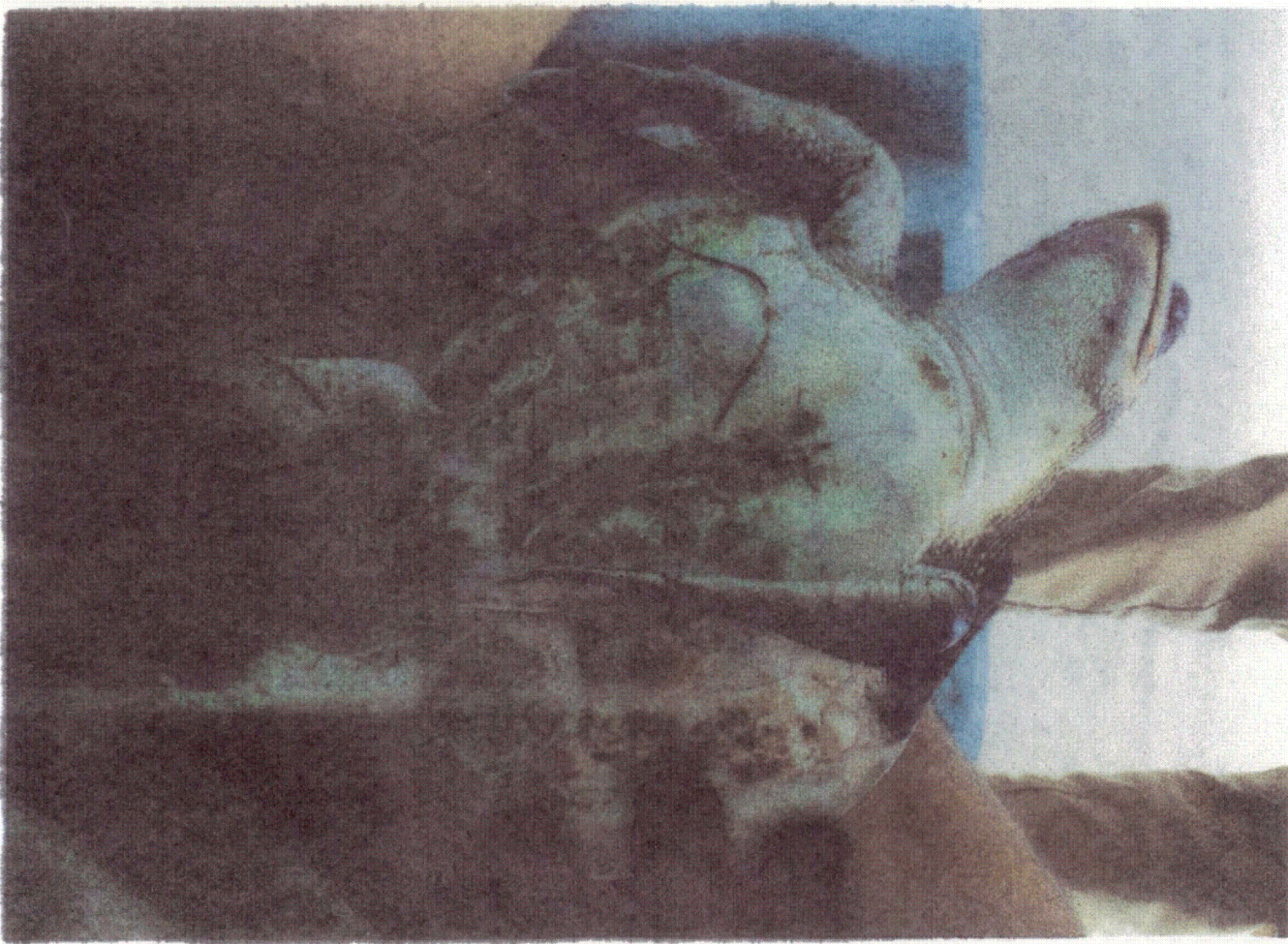
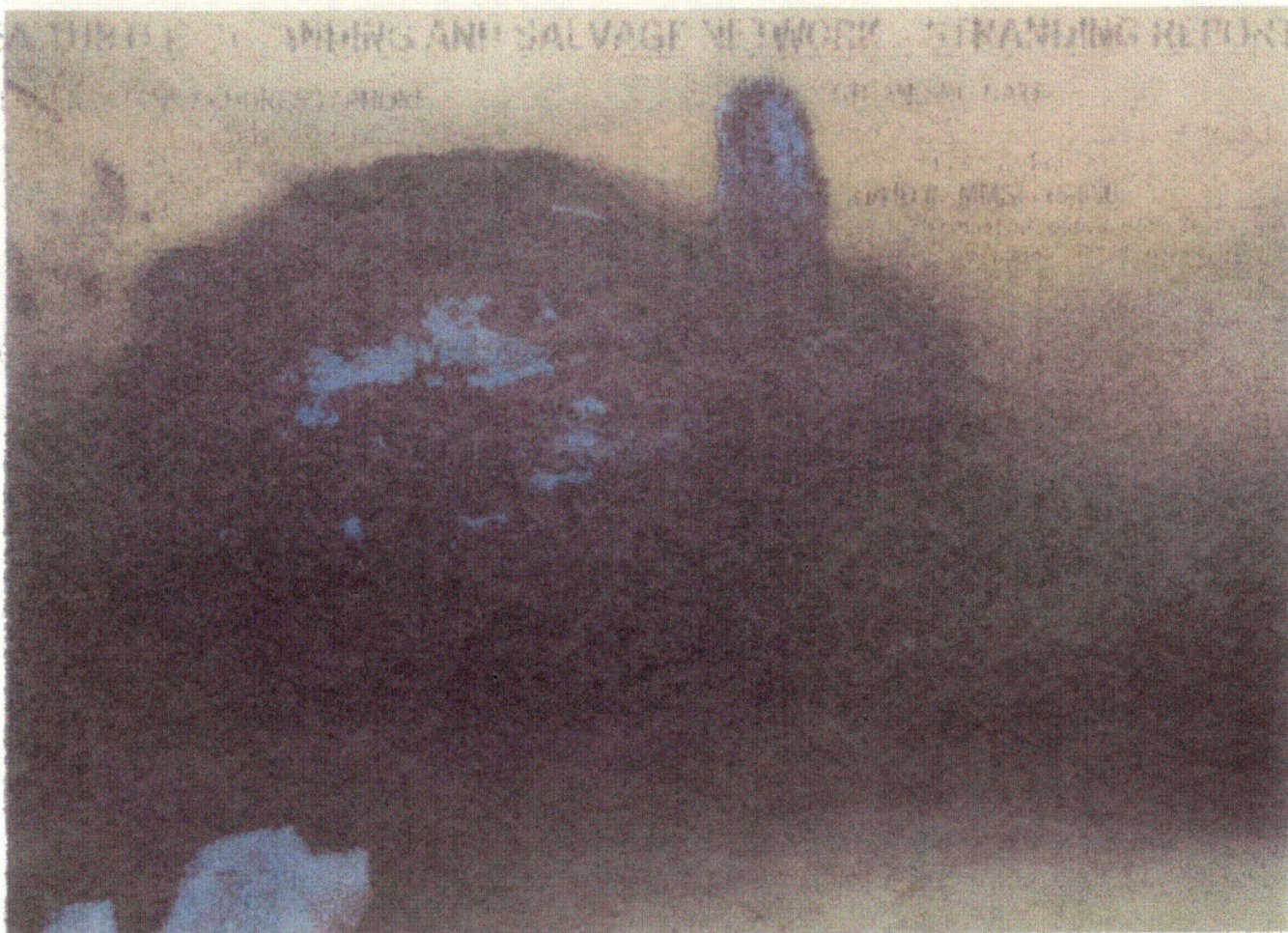


SEA THURGE - FINDING AND SALVAGE NETWORK - STRANDING REPORT

OBSERVATION

DATE

TIME



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 15 Month 05 Day 31

Turtle number by day 01

Field ID # MMSC-15-066

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.

STRANDING LOCATION:

☐ Offshore (Atlantic or Gulf beach) ☒ Inshore (bay, river, sound, inlet, etc)

State New Jersey County Ocean

Descriptive location (be specific) OCNGS, swimming in the intake dilution

pool

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? _____

☐ 8 = Left floating, not recovered; painted? ☐ Yes* ☐ No

☐ 9 = Disposition unknown, explain _____

*If painted, what color? _____

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)

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)

50.4 ☒ cm ☐ in

Minimum length (NOTCH-NOTCH)

☐ cm ☐ in

Straight width (Widest Point)

49 ☒ cm ☐ in

Using non-metal measuring tape

Curved length (NOTCH-TIP)

53.8 ☒ cm ☐ in

Minimum length (NOTCH-NOTCH)

☐ cm ☐ in

Curved width (Widest Point)

53.7 ☐ cm ☐ in

Weight ☒ actual / ☐ est.

34.4 ☐ kg ☒ 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.

Alive, bright, alert, and responsive. Weight is good. No obvious illness. Minor abrasions on plastron, head, and flippers. Minor laceration under right eye. Light algae growth on carapace. A few barnacles on carapace.

6-6-15: Flipper Tagged-LRF SSL147 RRF SSL 148

PIT Tagged: Dec: 982.000153670506 Hex: 3D6:000928D36A

6-11-15: Released by VAQS near Vacluse, VA

