

Exelon Generation

Oyster Creek Nuclear Generating Station
Route 9 South
PO Box 388
Franklin River NJ 07033

REGISTRATION # 1007

10 CFR 50.4

August 16, 2012

RA-12-093

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 2012-3

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 July 20, 2012.

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 2012-3 with photograph
MMSC Stranding Report MMSC-12-069

IE23
MLL

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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U.S. Department of Commerce
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Administrator, Region 1
US Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

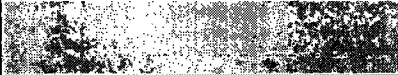
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Jeanette Bowers-Altman
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Division of Fish, Game, and Wildlife
P.O. Box 400
Trenton, NJ 08625-0400

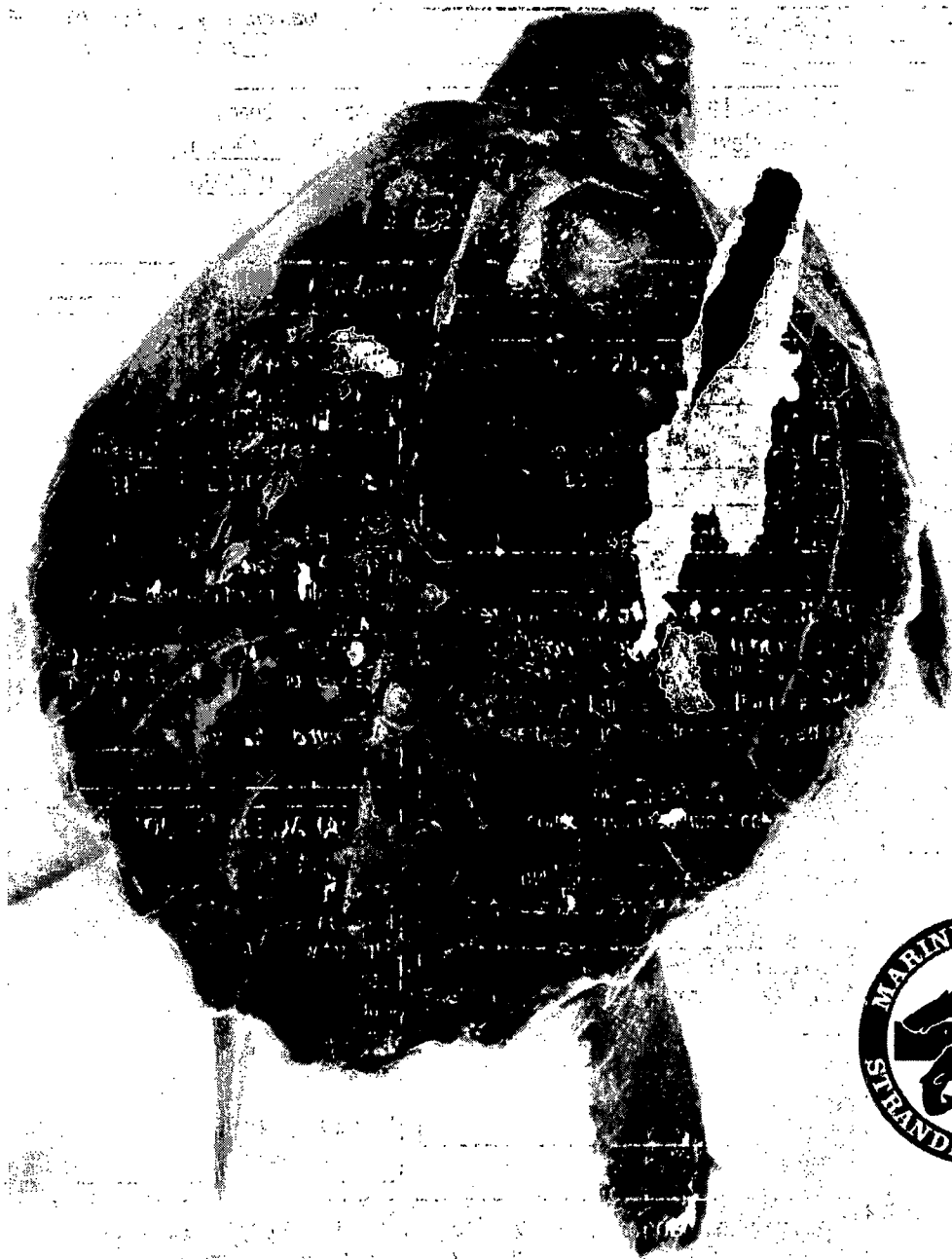
Regulatory Assurance File No. 12093

	Incidental Take 2012-3
OPERATIONS DEPARTMENT:	
Observer's full name:	John Devenrey
Reporter's full name:	Eric Swain
Species Identification (Key attached):	Kemp's ridley
Site of Impingement (CWS or DWS):	CWS
Bay Number:	3
Date animal observed:	20-Jul-12
Time animal observed:	21:30
Date animal collected:	20-Jul-12
Time animal collected:	21:30

	Incidental Take 2012-3
CONDITIONS AT COLLECTION:	
Tidal Stage:	Incoming Tide
Cloud conditions:	Cloudy
Precipitation:	Raining
Intake water temperature:	75.2 F / 24 C
Other conditions	Heavy grass
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:	20-Jul-12
Time of last screen inspection:	20:00
Date of last trash raking:	20-Jul-12
Time of last trash raking:	20:57

	Incidental Take 2012-3
ENVIRONMENTAL DEPARTMENT:	
Date Brigantine MMSC contacted:	20-Jul-12
Time Brigantine MMSC contacted:	22:10
Date Animal picked up by MMSC:	20-Jul-12
Time Animal picked up by MMSC:	23:30
State of animal when first observed:	Alive and active with small scrapes and a small barnacle on the carapace.
State of animal when collected:	Alive
State of animal when picked up:	Alive
State of animal arriving at MMSC:	Alive

	Incident # 1-1-0-2012-3
Final disposition of animal	Alive and released in Brigantine, NJ, not tagged due to the turtle's size, as per NERO tagging protocol.
Carapace Length - Curved	24 cm
Carapace Length - Straight	23.2 cm
Carapace Width - Curved:	24.5 cm
Carapace Width - Straight:	21.2 cm
Weight - lbs (kg)	3.8 lbs (1.7 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 indeterminate 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



SEA TURTLE STRANDING AND SALVAGE NETWORK - STRANDING REPORT

OBSERVER'S NAME / ADDRESS / PHONE:

First Bill M.I. Last Deerr

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 12 Month 07 Day 20

Turtle number by day 01

Field ID # MMSC-12-069

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, at the Oyster Creek Nuclear Generating Station, impinged upon cooling intake grate.

Latitude 38.81417°N Longitude 74.20700°W

CONDITIONS: (check one)

- 1 = Fresh dead
- 2 = Moderately decomposed
- 3 = Fully decomposed
- 4 = Other
- 5 = Other (specify)

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/dur.e; 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 tagged animal!!

Checked for flipper tags? Yes No

Check all 4 flipper tags. 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) 23.2 cm in

Minimum length (NOTCH-NOTCH) cm in

Straight width (Widest Point) 21.2 cm in

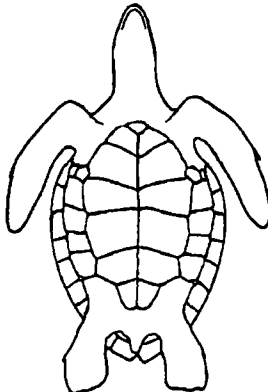
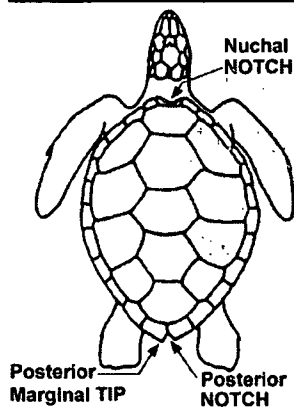
Using non-metal measuring tape

Curved length (NOTCH-TIP) 24.0 cm in

Minimum length (NOTCH-NOTCH) cm in

Curved width (Widest Point) 24.5 cm in

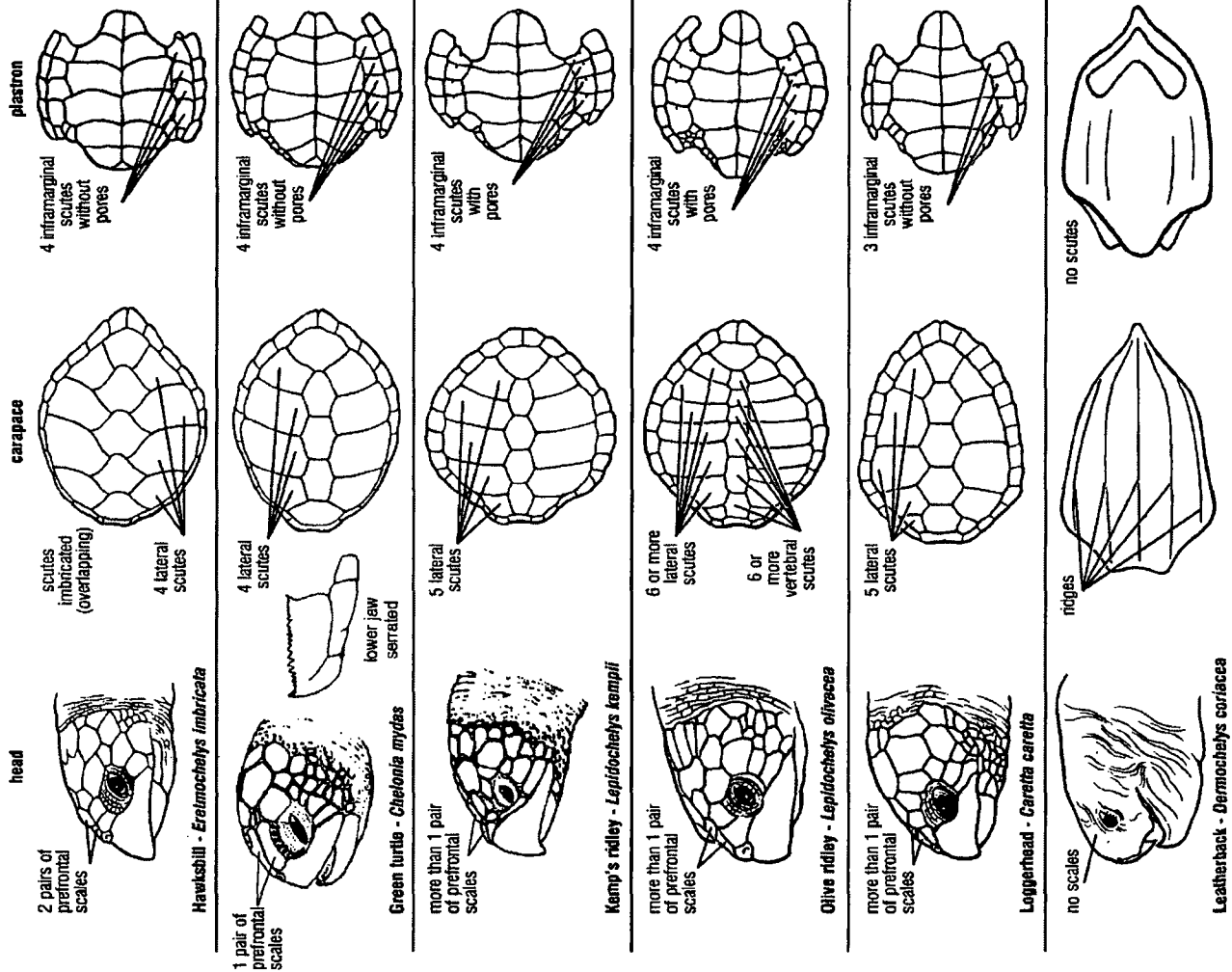
Weight actual / est. 3.8 kg lb



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.

The turtle was found to be alert. There were 2 long, lateral scrapes on the turtle's plastron and 4-6 smaller scrapes. There were also approximately 5 small, old scrapes on the carapace. There was 1 very small barnacle on the carapace. The turtle was kept for observation until deemed releasable by the veterinarian. The turtle was released on Monday, July 30, 2012 in Brigantine, Atlantic County, NJ. Release weight was 4.0 lbs. No tags were applied due to the turtles size, as per NERO tagging protocol.

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**