

From: Strait, Kenneth A. <Kenneth.Strait@pseg.com>
Sent: Friday, June 18, 2021 1:22 PM
To: incidental.take@noaa.gov; EndangeredSpecies Resource
Cc: Neilan, Brian
Subject: [External_Sender] SALEM GENERATING STATION-INCIDENTAL TAKE OF KEMP'S RIDLEY SEA TURTLE
Attachments: Sea turtle Incidental Take Report 6-17-21.pdf

Attached is the Incidental Take Report for a deceased Kemp's Ridley sea turtle collected on 06/17/2021 at Salem Generating Station during routine raking of the cooling water intake trash bars. The deceased turtle was picked up by Marine Mammal Stranding Center personnel for potential necropsy. This incidental take is authorized under Biological Opinion NER-2010-6581.

Thanks, and please let me know if you have any questions or need additional information.

Ken

Kenneth A. Strait

Manager-Biological Programs

PSEG Nuclear Environmental Affairs

P.O. Box 236, N33

Hancocks Bridge, NJ 08302 kenneth.strait@pseg.com

www.pseg.com/environment/estuary

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Subject: [External_Sender] SALEM GENERATING STATION-INCIDENTAL TAKE OF
KEMP'S RIDLEY SEA TURTLE
Sent Date: 6/18/2021 1:22:29 PM
Received Date: 6/18/2021 1:22:52 PM
From: Strait, Kenneth A.

Created By: Kenneth.Strait@pseg.com

Recipients:

"Neilan, Brian" <Brian.Neilan@dep.nj.gov>

Tracking Status: None

"incidental.take@noaa.gov" <incidental.take@noaa.gov>

Tracking Status: None

"EndangeredSpecies Resource" <EndangeredSpecies.Resource@nrc.gov>

Tracking Status: None

Post Office: pseg.com

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MESSAGE	1575	6/18/2021 1:22:52 PM
Sea turtle Incidental Take Report 6-17-21.pdf		606159

Options

Priority: Normal

Return Notification: No

Reply Requested: No

Sensitivity: Normal

Expiration Date:

APPENDIX B – Part 1 (Sea Turtle)

Incident Report Sea Turtle Take – PSEG Salem Generating Station

Photographs should be taken and the following information should be collected from all turtles and sturgeon (alive and dead) found in association with Salem. Please submit all turtle necropsy results (including sex and stomach contents) to NMFS upon receipt.

Observer's full name: **Dalton Stevens (ECSI)**

Reporter's full name: **Dalton Stevens (ECSI)**

Species Identification (Key attached): **Kemp's ridley (*Lepidochelys kempi*)**

Site of Impingement (Unit 1 or 2, CWS or DWS, Bay #, etc.): **CWIS, Unit 2, 21A intake bay**

Date animal observed: **6-17-21**

Time animal observed: **10:30 AM**

Date animal collected: **6-17-21**

Time animal collected: **10:00 AM**

Date rehab facility contacted: **06-17-21** Time rehab facility contacted: **11:00a.m.**

Date animal picked up/ delivered to facility: Time animal picked up/delivered to facility:

Marine Mammal Stranding personnel picked up specimen at approximately 1350

Environmental conditions at time of observation (i.e., tidal stage, weather):

Salinity: 7.0ppt

Sky condition: clear

Tide: Ebb 2 (88.0ft.)

Air temp. 22.5°C

Wave height: calm

Wind - NW

Date and time of last inspection of screen: **6/17/21 @ 09:54AM**

Water temperature (°C) at site and time of observation: **22.5°C**

Number of pumps operating at time of observation: **12 Circulators in operation**

Average percent of power generating capacity achieved per unit at time of observation: **Unit 1-99.8 % / Unit 2-99.8%**

Average percent of power generating capacity achieved per unit over the 48 hours previous to observation: **Unit 1-99.8 % / Unit 2-100.0%**

Sea Turtle Information: *(please designate cm/m or inches)*

Fate of animal (circle one): **dead** alive

Condition of animal *(include comments on injuries, whether the turtle is healthy or emaciated, general behavior while at Salem. **During routine trash rack cleaning, Salem Yard Crew personnel retrieved a deceased Kemp's ridley sea turtle from Salem Unit 2 21A circulator intake bay. Salem Unit Control and PSEG Nuclear Environmental Affairs personnel were notified. After contacting PSEG Nuclear Environmental Affairs (NEA) personnel, Environmental Consulting Services Inc. (ECSI) personnel verified species identification and began processing of the specimen. A phone call was made to the NJ Marine Mammal Stranding Center (MMSC) they confirmed that they would take possession of the specimen. Staff personnel from NJ MMSC arrived at approximately 1350 to take possession.***

Carapace length - Curved: **29.2cm** Straight: **NM**

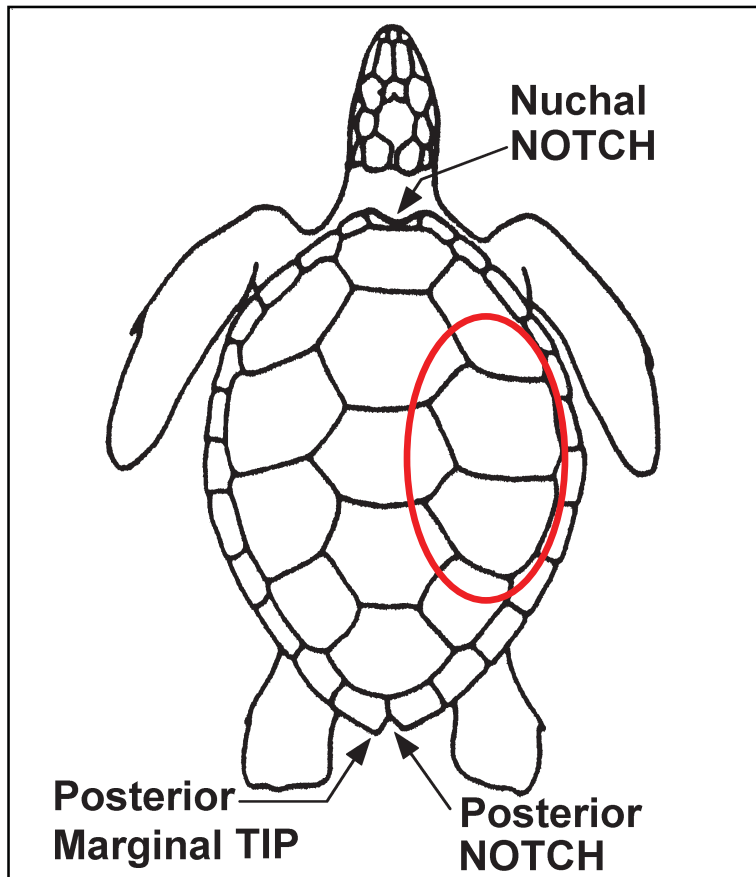
Carapace width - Curved: **30.4cm** Straight: **NM**

Existing tags? YES / **NO** Please record all tag numbers. Tag #

Photograph attached: **YES** / NO

APPENDIX B, continued (**Incident Report of Sea Turtle Take**)

Draw wounds, abnormalities, tag locations on diagram and briefly describe below.



Description of animal:

At the time of observation at 10:30AM, the specimen was determined to be deceased, indicated by the specimen producing no movement after gentle manipulation and attempt at resuscitation. Specimen was found to have a series of small puncture wounds on the outer two scutes on the carapace corresponding with puncture wounds to the scutes on the plastron (refer to illustration), which were bleeding at the time of processing, indicating a recent occurrence. No external tags were observed and no internal PIT tags or wire coded tags were identified.

All information should be sent to the following address:

National Marine Fisheries Service, Northeast Region
Protected Resources Division
Attention: Section 7 Coordinator
55 Great Republic Drive
Gloucester, MA 01930
Phone: (978) 281-9328
FAX: (978) 281-9394

**Salem SGS Incidental Take Report - Sea Turtle
Attachment 1**

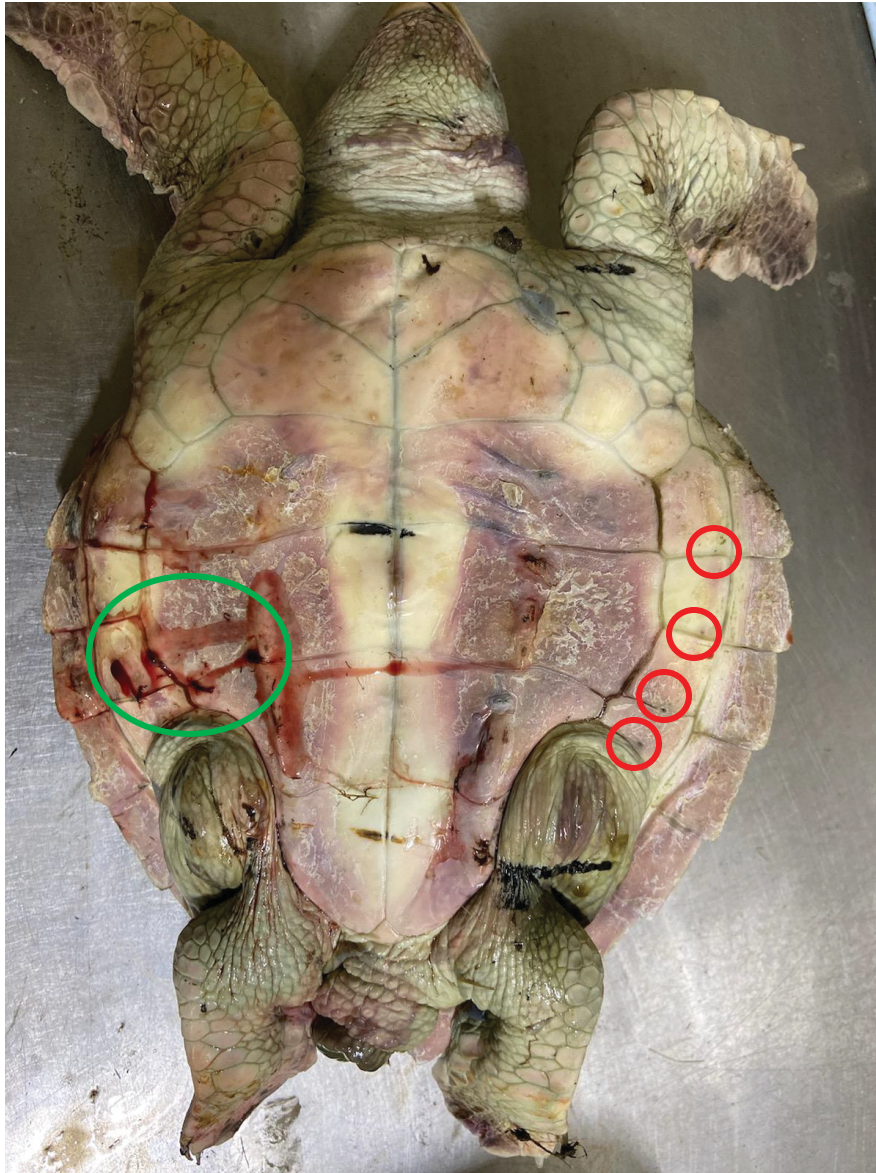


Dorsal view of the deceased Kemp's ridley sea turtle as it appeared after retrieval from Salem CWIS intake on 6-17-2021 by Salem Yard crew personnel, during routine trash rack cleaning (6-17-2021).



Right dorsal view of the turtle showing the location of puncture wounds observed at the time of processing (identified by green circle in photo). There was no indication of tags, either internal or external [06/17/2021].

**Incidental Report Sea Turtle Take –Salem
Attachment 1**



A close-up view of the plastron. Distinct characteristics of the species, which helped with taxonomic verification, included observation of 4 existing pores on the inframarginal scutes on the plastron (identified by the red circles in the photo) as well as five lateral scutes per side on the carapace. Puncture wounds on the right inframarginal scutes (identified by the green circle in the photo) were found to correspond with similar puncture wounds on the carapace, indicating possible predation prior to retrieval at the station (06/17/2021).