

From: Strait, Kenneth A. <Kenneth.Strait@pseg.com>
Sent: Monday, September 26, 2022 10:25 AM
To: incidental.take@noaa.gov; EndangeredSpecies Resource
Cc: Neilan, Brian
Subject: [External_Sender] Salem Generating Station - Incidental Take Report: Kemp's Ridley Sea Turtle 09/23/2022
Attachments: Sea turtle Incidental Take Report 9-23-22.pdf

Attached is the Incidental Take Report for a live Kemp's ridley sea turtle collected on 09/23/2022 from the Salem Generating Station during routine raking of the cooling water intake trash bars. There was no indication of injury and the NJ Marine Mammal Stranding Center took custody of this turtle. This incidental take is authorized under Biological Opinion NER-2010-6581.

Please let me know if you have any questions or need additional information. Thanks.

Ken

Kenneth A. Strait

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Ridley Sea Turtle 09/23/2022
Sent Date: 9/26/2022 10:25:28 AM
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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

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MESSAGE	1578	9/26/2022 10:25:51 AM
Sea turtle Incidental Take Report 9-23-22.pdf		474850

Options

Priority: Normal

Return Notification: Yes

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: **Matthew McQueston (ECSI)**

Reporter's full name: **Matthew McQueston (ECSI)**

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

Site of Impingement (Unit 1 or 2, CWS or DWS, Bay #, etc.): **Salem Circulating Water Intake, Unit 1, 13A**

Date animal observed: **09-23-22**

Time animal observed: **08:10AM**

Date animal collected: **09-23-22**

Time animal collected: **08:30AM**

Date rehab facility contacted: **9-23-22** Time rehab facility contacted: **08:50AM**

Date animal picked up/ delivered to facility: **9-23-22** Time animal picked up/delivered to facility: **10:36AM**

Marine Mammal Stranding Center was contacted regarding the incidental take. and they coordinated with ECSI on-site personnel to have a MMSC volunteer pick up the specimen from the Station, and transport back to their facility.

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

Salinity: 13.0ppt **Sky condition: clear**

Tide: Flood 1 (91.5ft) **Air temp. 12.0°C**

Wave height: slight **Wind - NW**

Date and time of last inspection of screen: **09/22/22 @ 09:42 PM**

Water temperature (°C) at site and time of observation: **23.5°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 1-100.0% / Unit 2-100.1%**

Average percent of power generating capacity achieved per unit over the 48 hours previous to observation: **Unit 1-100.2% / Unit 2-99.6%**

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 inspection and cleaning, Salem Yard Crew, assisted by ECSI personnel, retrieved a live Kemp's ridley sea turtle from Salem Circulator Intake, bay 13A. 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.*

Carapace length - Curved: **27.9cm** Straight: **26.7cm**

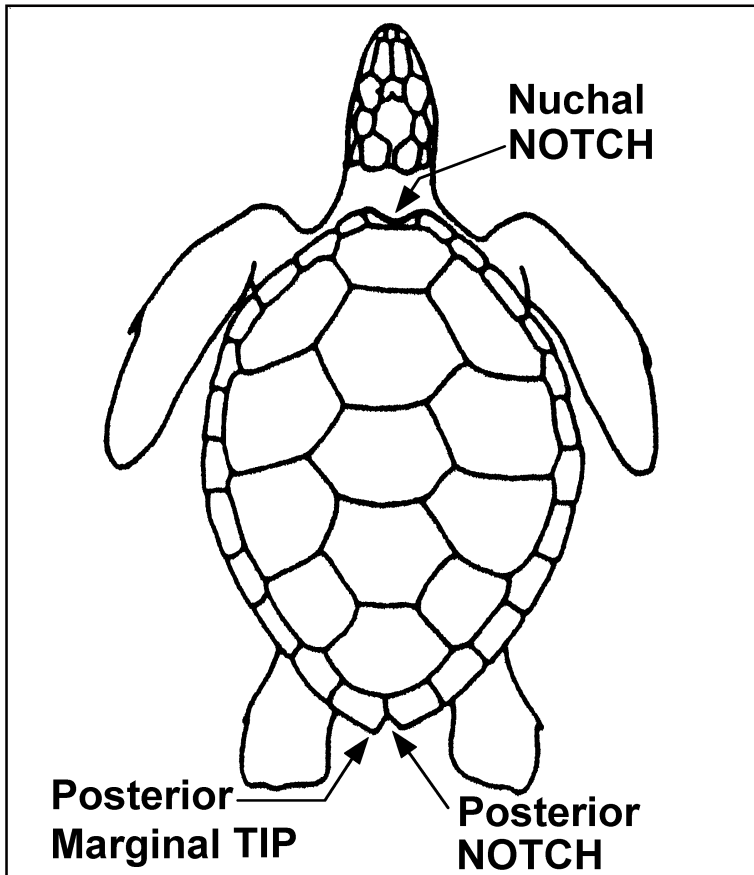
Carapace width - Curved: **26.7cm** Straight: **25.4cm**

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:

Specimen was in excellent condition at the time of retrieval. External tags were not observed, and an internal PIT tag was not indicated.

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 a live, Kemp's ridley sea turtle, collected from Salem CWIS intake on 09-23-2022 by Salem Yard crew, with assistance from ECSI on-site personnel. Specimen was in excellent condition, with no indication of injury (09/23/2022).



A ventral view of the specimen, showing the condition of the plastron (09/23/2022).

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



A dorsolateral view, showing the overall good condition of the specimen. After processing, the turtle was placed into a plastic tub, and covered with damp towels until a transfer of custody occurred with personnel from the NJ Marine Mammal Stranding Facility (09/23/2022).