

From: Heun Jr, Ronald B. <Ronald.HeunJr@pseg.com>
Sent: Tuesday, September 3, 2024 4:20 PM
To: EndangeredSpecies Resource; nmfs.gar.incidental-take@noaa.gov
Cc: Heather.Corbett@dep.nj.gov; Brian.Neilan@dep.nj.gov; Dyson, Danielle [DEP]
Subject: [External_Sender] Salem Generating Station - Incidental Take Report - Kemp's ridley sea turtle 9/3/2024
Attachments: Sea turtle Incidental Take Report 9-3-24.pdf

Attached is the Incidental Take Report for a deceased Kemp's ridley sea turtle collected on 9/3/2024 from the Salem Generating Station identified during routine cleaning of the intake trash bars. The NJ Marine Mammal Stranding Center declined to take possession of the specimen for potential necropsy. This incidental take is authorized under Biological Opinion GAR-2020-02842.

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

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Subject: [External_Sender] Salem Generating Station - Incidental Take Report - Kemps
ridley sea turtle 932024
Sent Date: 9/3/2024 4:20:08 PM
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From: Heun Jr, Ronald B.

Created By: Ronald.HeunJr@pseg.com

Recipients:

"Heather.Corbett@dep.nj.gov" <Heather.Corbett@dep.nj.gov>

Tracking Status: None

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

Tracking Status: None

"Dyson, Danielle [DEP]" <Danielle.Dyson@dep.nj.gov>

Tracking Status: None

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

Tracking Status: None

"nmfs.gar.incidental-take@noaa.gov" <nmfs.gar.incidental-take@noaa.gov>

Tracking Status: None

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MESSAGE	1336	9/3/2024 4:20:39 PM
Sea turtle Incidental Take Report 9-3-24.pdf		1056134

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: **Kenneth Kiess (ECSI)**

Reporter's full name: **Kenneth Kiess**

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 2, 22A intake bay**

Date animal observed: **09-03-24**

Time animal observed: **09:50**

Date animal collected: **09-03-24**

Time animal collected: **10:00**

Date rehab facility contacted: **9-03-24** Time rehab facility contacted: **13:46**

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

Marine Mammal Stranding Center was contacted regarding the incidental take, but they declined taking possession of the carcass due to its condition, and requested that it be disposed of in an appropriate manner.

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

Salinity: 10.0ppt

Sky condition: clear

Tide: Flood 2

Air temp. 22.0°C

Wave height: moderate

Wind - NNE

Date and time of last inspection of screen: **09/02/24 @ 10:09 PM**

Water temperature (°C) at site and time of observation: **25.0°C**

Number of pumps operating at time of observation: **11 Circulators in operation**

Average percent of power generating capacity achieved per unit at time of observation: **Unit 1-99.8% / Unit 2-100%**

Average percent of power generating capacity achieved per unit over the 48 hours previous to observation: **Unit 1-99.9% / Unit 2-99.8%**

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 personnel retrieved a deceased Kemp's ridley sea turtle from Salem circulator intake. 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. At the direction of PSEG NEA, the deceased specimen was discarded into the on-site detritus collection container after processing and photo documentation.

Carapace length - Curved: **26.0cm** Straight: **24.9cm**

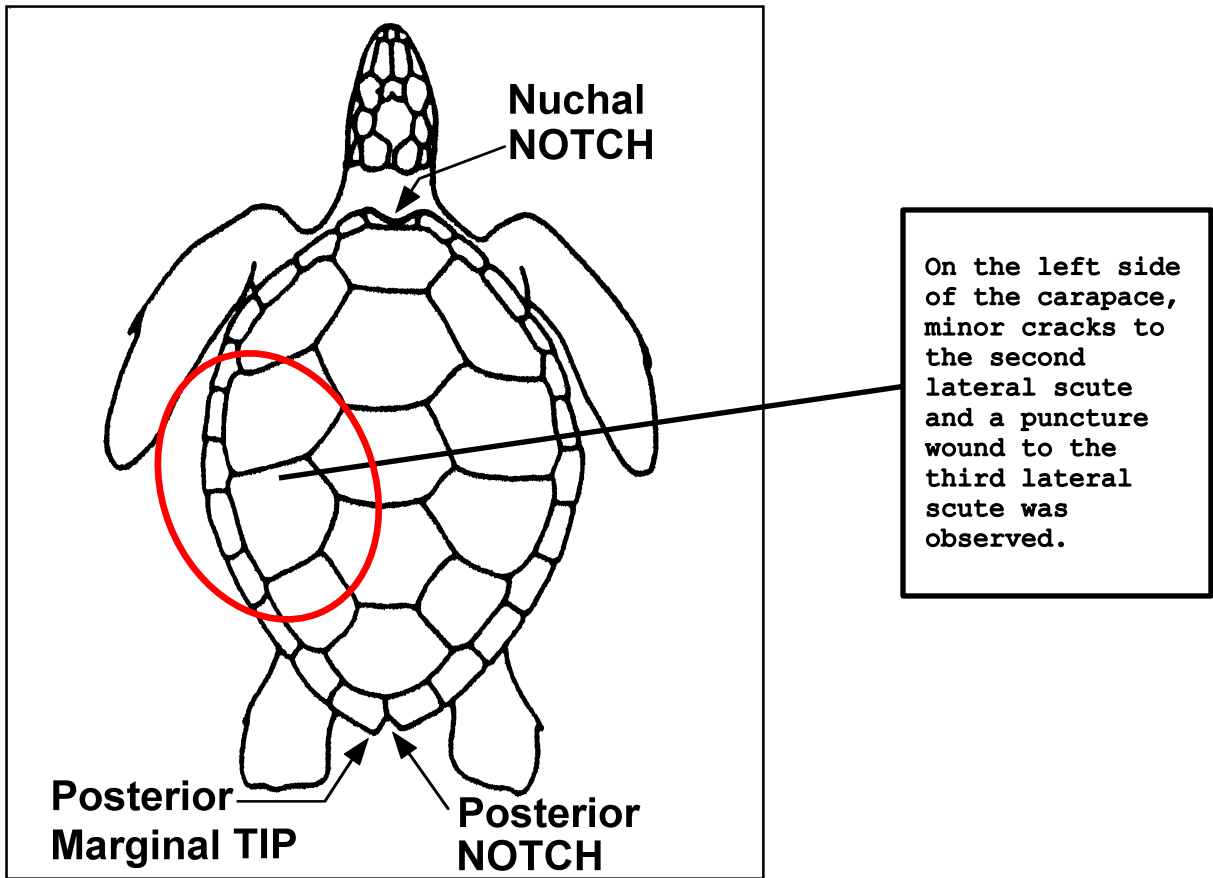
Carapace width - Curved: **28.7cm** Straight: **22.7cm**

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 poor condition at the time of retrieval. In addition to the early stages of decomposition, some minor damage, in the form of a puncture wound and cracks were observed to the left side of the carapace. However, no significant external injuries indicating a likely cause of death were found. External tags were not found, and an internal PIT tag was also 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 deceased, Kemp's ridley sea turtle, collected from Salem CWIS intake on 09-03-2024 by Salem Yard crew personnel during routine trash rack cleaning. Indications of the early stages of decomposition, as well as some minor damage to the left side of the carapace were observed (09/03/2024).



A ventral view of the specimen, showing the condition of the plastron. Discoloration of the skin and foul odor indicated the onset of decomposition (09/03/2024).

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



Minor cracks and a small puncture wound were observed on the left side of the plastron (09/03/2024).



A left, dorsolateral view of the specimen (09/03/2024).

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



The existence of distinct pores, near the margins of the inframarginal scutes, were observed on both sides of the plastron, confirming the identity of the specimen as a Kemp's ridley sea turtle. Pores on the right inframarginal scutes are identified by the red circles in the above photo (09/03/2024).