

Pacific Gas and Electric Company

Diablo Canyon Power Plant
P.O. Box 56
Avila Beach, CA 93424
805/545-6000



PG&E Letter DCL-2010-536

Certified/Return Receipt
7007-2680-0000-5565-4636

August 25, 2010

Joseph G. Cordaro, Wildlife Biologist
National Marine Fisheries Service
501 West Ocean Blvd., Suite 4200
Long Beach, California 90802-4213

Dear Mr. Cordaro:

Enclosed is a National Marine Fisheries Service (NMFS) Marine Mammal and Marine Turtle Stranding Report for a sea turtle discovered in the Diablo Canyon Power Plant (DCPP) intake structure.

A live sea turtle was discovered in the 2-7 intake structure forebay by plant operations personnel at approximately 9:50 p.m. on August 08, 2010. The turtle was identified as a green sea turtle (*Chelonia mydas*).

As authorized in DCPP's incidental take statement issued September 18, 2006, DCPP staff removed the turtle from the intake structure early the following morning (August 09, 2010) for release offshore of the Facility. The turtle was removed by salmon net and transported to a boat. The plant biologist completed measurements of the specimen and photographs were taken. The photographs are enclosed in addition to the stranding report. The turtle was estimated to weigh 25 pounds, with a shell length (notch-tip) of 20 and 7/8 inches, and appeared to be in good health based on visual observation. There were no abrasions or indication of any injury. The turtle was tagged on the right front flipper with tag #MC-24, and subsequently transported by boat and released in the ocean approximately two miles southwest of DCPP. The turtle swam away strongly in a southerly direction following release.

Discovery and release of the turtle was reported to NMFS on September 09, 2010, within the required 48-hour reporting period.

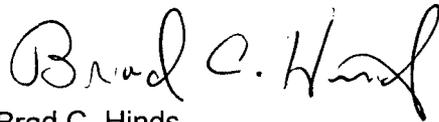
Live green sea turtles have been discovered at DCPP's intake on nine previous occasions during commercial operations: September 08, 2009, July 23, 2007, February 27, 2001, April 16, 2000, August 24, 1999, May 29, 1999, June 12, 1997, January 10, 1997, and April 27, 1994. Green sea turtles are infrequently observed in the coastal waters off of DCPP.

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If you have any questions or concerns regarding the enclosed report, or require additional information, please contact Jim Kelly of my staff at (805) 545-3194.

Sincerely,



Brad C. Hinds
Manager – Chemistry and Environmental Operations

2010536/jlk/bkc

Enclosures (2)

cc w/enclosures:

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NRR Project Manager
U.S. Nuclear Regulatory Commission
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Rockville, MD 20852-2738

Michael S. Peck
Senior Resident Inspector
U.S. Nuclear Regulatory Commission
Diablo Canyon Power Plant 104/5

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U.S. Nuclear Regulatory Commission
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612 E. Lamar Blvd., Suite 400
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U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555-0001

Kathy Hill
California Department of Fish and Game
1416 9th Street, Room 1341
Sacramento, CA 95814

MARINE MAMMAL AND MARINE TURTLE STRANDING REPORT

SID# _____
(NMFS USE)

FIELD NO.: _____ NMFS REGISTRATION NO. _____

COMMON NAME: Green Sea Turtle GENUS: Chelonia SPECIES: mydas

EXAMINER

Name: James L. Kelly Agency: Pacific Gas & Electric Co Phone: (805) 545-3194Address: Diablo Canyon Power Plant, P.O. Box 56, Avila Beach, California 93424

LOCATION State: <u>CA</u> County: <u>San Luis Obispo</u> City: <u>Avila Beach</u> Locality Details: <u>Diablo Canyon</u> Power Plant (DCPP) 9-Miles NW of Avila Beach. 2-7 Forebay Bar Rack of the Plant Intake Structure. *Latitude: <u>35° 12' 44"</u> N *Longitude: <u>120° 51' 13"</u> W	TYPE OF OCCURRENCE Mass Stranding: (Yes) / <u>(No)</u> # Animals <u>One (1)</u> Human Interaction: (Yes) / (No) / (?) Check one: <u>1. Boat collision</u> <u>2. Shot</u> <u>4. Fishery interaction</u> <u>X 5. Other</u> Found alive and healthy in power plant intake structure. How determined: _____ Other Causes (if known): _____
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DATE OF INITIAL OBSERVATION: Yr <u>2010</u> Mo <u>August</u> Day <u>08</u> CONDITION: Check one: <u>X 1. Alive</u> <u>2. Fresh dead</u> <u>3. Moderate decomp.</u> <u>4. Advanced decomp.</u> <u>5. Mummified</u> <u>? Unknown</u>	DATE OF EXAMINATION: Yr <u>2010</u> Mo <u>August</u> Day <u>09</u> CONDITION: Check one: <u>X 1. Alive</u> <u>2. Fresh dead</u> <u>3. Moderate decomp.</u> <u>4. Advanced decomp.</u> <u>5. Mummified</u> <u>? Unknown</u>
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LIVE ANIMAL - Condition and Disposition: Check one <u>X 1. Released at site</u> or more: <u>2. Sick</u> <u>3. Injured</u> <u>4. Died</u> <u>5. Euthanized</u> <u>6. Rehabilitated and released</u> <u>? Unknown</u> Transported to: <u>2.0-miles SW Offshore</u> (Died) / <u>(Released)</u> Date: <u>August 09, 2010</u>	TAGS APPLIED?: <u>(Yes)</u> / (No) TAGS PRESENT?: <u>(Yes)</u> / <u>(No)</u> Dorsal Left Right Tag No.(s): _____ <u>MC-24</u> Color(s): _____ <u>Silver</u> Type: _____ <u>Flipper</u> Placement _____ <u>Front/Rear</u> <u>Front</u> <u>Rear</u>
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CARCASS - Disposition, check one: Check one: <u>1. Left at site</u> <u>2. Buried</u> <u>3. Towed</u> <u>4. Sci. collection (see below)</u> <u>5. Edu. collection (see below)</u> <u>6. Other</u> <u>? Unknown</u> NECROPSIED? (Yes) / (No)	MORPHOLOGICAL DATA: Sex - Check one: <u>1. Male</u> <u>2. Female</u> <u>X ? Unknown</u> Straight Length: <u>20 & 7/8</u> (cm) <u>(in)</u> (est) *Weight: <u>25</u> (kg) <u>(lb)</u> (est?) PHOTOS TAKEN? <u>(Yes)</u> / (No)
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REMARKS: Straight Width (Widest Point) 19 & 7/8 inches. Tail Length 7/8 inches.
Turtle appeared strong and healthy. No indications of any injury.

DISPOSITION OF TISSUE/SKELETAL MATERIAL: _____

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Specimen Photographs - Green Sea Turtle (*Chelonia mydas*)
Diablo Canyon Power Plant - August 09, 2010



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Specimen Photographs - Green Sea Turtle (*Chelonia mydas*)
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