



**Pacific Gas and
Electric Company®**

Diablo Canyon Power Plant
P. O. Box 56
Avila Beach, CA 93424

PG&E Letter DCL-2009-537

Certified/Return Receipt
7007-2680-0000-5565-4247

October 06, 2009

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 the 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 1-6 intake forebay by the site biologist at approximately 1:15 pm on September 08, 2009. The turtle was identified as a green sea turtle (*Chelonia mydas*). Photographs of the specimen have been provided in addition to the report.

As authorized in DCPP's incidental take statement issued September 18, 2006, DCPP staff removed the turtle from the intake structure for release offshore of the Facility. The turtle was removed by salmon net and transported to a boat. Biologists took appropriate measurements and photographs. The turtle was estimated to weigh 8 pounds, with a shell length of 14 and 1/4 inches. The turtle 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-25. Biologists transported the turtle by boat about one half mile southwest of DCPP. In the water following release, the turtle swam away strongly in a westerly direction.

The turtle discovery and release was reported to NMFS on September 08, 2009, within the required 48-hour reporting period. In addition, a non-emergency report was made to the Nuclear Regulatory Commission (NRC) within four hours of the NMFS notification on September 08, 2009, in accordance with NUREG-1022, Revision 2, Event Reporting Guidelines, 10 CFR 50.72 and 10 CFR 50.73.

Live green sea turtles have been found at DCPP's intake area on eight previous occasions during commercial operations: 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.

TE23
NRR

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Joseph G. Cordaro, NMFS
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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,



Kenneth J. Peters
Station Director – Diablo Canyon Power Plant

2009537/jlk/bkc

Enclosures (2)

cc w/enclosures:

Alan B. Wang
NRR Project Manager
U.S. Nuclear Regulatory Commission
One White Flint North
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11555 Rockville Pike
Rockville, MD 20852-2738

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

Regional Administrator
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>Obispo</u> City: <u>Avila Beach</u> Locality Details: <u>Diablo Canyon</u> Power Plant (DCPP) 9-miles NW of <u>Avila Beach. 1-6 Forebay Bar Rack</u> <u>of the Plant Intake Structure.</u> *Latitude: <u>35° 12' 44"</u> N *Longitude: <u>120° 51' 13"</u> W	TYPE OF OCCURRENCE Mass Stranding: (Yes) / <input checked="" type="checkbox"/> (No) # 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 Found Alive in Intake Structure</u> How determined: _____ Other Causes (if known): _____
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DATE OF INITIAL OBSERVATION: Yr <u>2009</u> Mo <u>September</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>2009</u> Mo <u>September</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>
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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>0.5-miles Offshore</u> (Died) / <input checked="" type="checkbox"/> (Released) Date: <u>September 08, 2009</u>	TAGS APPLIED?: <input checked="" type="checkbox"/> (Yes) / <input type="checkbox"/> (No) TAGS PRESENT?: <input checked="" type="checkbox"/> (Yes) / <input type="checkbox"/> (No) <table border="0"> <tr> <td></td> <td>Dorsal</td> <td>Left</td> <td>Right</td> </tr> <tr> <td>Tag No.(s):</td> <td></td> <td></td> <td><u>MC-25</u></td> </tr> <tr> <td>Color(s):</td> <td></td> <td></td> <td><u>Silver</u></td> </tr> <tr> <td>Type:</td> <td></td> <td></td> <td><u>Flipper</u></td> </tr> <tr> <td>Placement</td> <td></td> <td>Front/Rear</td> <td><input checked="" type="checkbox"/> Front <input checked="" type="checkbox"/> Rear</td> </tr> </table>		Dorsal	Left	Right	Tag No.(s):			<u>MC-25</u>	Color(s):			<u>Silver</u>	Type:			<u>Flipper</u>	Placement		Front/Rear	<input checked="" type="checkbox"/> Front <input checked="" type="checkbox"/> Rear
	Dorsal	Left	Right																		
Tag No.(s):			<u>MC-25</u>																		
Color(s):			<u>Silver</u>																		
Type:			<u>Flipper</u>																		
Placement		Front/Rear	<input checked="" type="checkbox"/> Front <input checked="" type="checkbox"/> Rear																		

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>14.25</u> (cm) <input checked="" type="checkbox"/> (in) (est) *Weight: <u>8.0</u> (kg) <input checked="" type="checkbox"/> (lb) <input checked="" type="checkbox"/> (est?) PHOTOS TAKEN? <input checked="" type="checkbox"/> (Yes) / <input type="checkbox"/> (No)
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REMARKS: Straight Length (Notch-Tip) 14.25-inches Tail Length 1.75-inches
Maximum Length (Notch-Notch) 13.88-inches (Tail did not extend beyond
Straight Width (Widest Point) 12.88-inches the carapace.)
Curved Length (Notch-Tip) 19-inches Very Healthy Specimen -
 DISPOSITION OF TISSUE/SKELETAL MATERIAL: 1 Barnacle, 2 Barnacle Scars

Specimen Photographs - Green Sea Turtle (*Chelonia mydas*)
Diablo Canyon Power Plant - September 08, 2009



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