



**Pacific Gas and  
Electric Company®**

**James R. Becker**  
Vice President  
Diablo Canyon Operations and  
Station Director

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

805.545.3462  
Fax: 805.545.4234

PG&E Letter DCL-2007-535

Certified/Return Receipt  
7007-0220-0004-6735-9714

August 9, 2007

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 2-1 forebay by a plant operator at about 2:50 pm on July 23, 2007. The turtle was identified as a green sea turtle (*Chelonia mydas*).

As authorized in DCPP's incidental take permit issued September 18, 2006, DCPP staff removed the turtle from the intake structure for release offshore of the Facility. The turtle was lifted by a cargo net and a crane to the back of a pickup truck. Biologists took appropriate measurements and photographs. The turtle was estimated to weigh 85 pounds, with a shell length of 30 inches. The turtle appeared to be in good health based on visual observation. There were a few minor abrasions on the flippers. The left rear flipper appeared to have two bites taken out of it that had healed. Biologists transported the turtle by boat about one half mile southwest of DCPP. In the water, the turtle swam away strongly in a northeasterly direction.

The turtle release was reported to NMFS on July 23, 2007, 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 July 23, 2007, in accordance with NUREG-1022, Revision 2, Event Reporting Guidelines, 10 CFR 50.72 and 10 CFR 50.73.

Live green sea turtles were found at DCPP's intake area on seven previous occasions: 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.

IE23

MRR

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Joseph G. Cordaro, NMFS  
August 9, 2007  
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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,

A handwritten signature in black ink, appearing to read 'James R. Becker', with a long horizontal flourish extending to the right.

James R. Becker  
*Vice President Diablo Canyon Operations and Station Director*

2007535/jlk/kmo

cc: Alan B. Wang,  
NRR Project Manager  
U.S. Nuclear Regulatory Commission  
One White Flint North  
Mail Stop 7 E1  
11555 Rockville Pike  
Rockville, MD 20852-2738

Resident Inspector, Michael A. Brown  
U.S. Nuclear Regulatory Commission  
Diablo Canyon Power Plant 104/5

Bruce S. Mallett  
Regional Administrator  
U.S. Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Dr., Suite 400  
Arlington, TX 76011-4005

U.S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, D.C. 20555

Kathy Hill  
California Department of Fish and Game  
1416 9<sup>th</sup> 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: Jim Kelly Agency: PG&E Phone: (805) 545-3194

Address: P.O. Box 56, Avila Beach, CA 93424

<p><b>LOCATION</b>                  State: <u>CA</u> County: <u>San Luis</u>                  City: <u>Avila Beach</u>                  Locality Details: <u>Diablo Canyon</u>                  Power Plant intake structure                  Forebay 2-1</p>	<p><b>TYPE OF OCCURRENCE</b>                  Mass Stranding: (Yes) / <u>(No)</u> # Animals _____                  Human Interaction: <u>(Yes)</u> / (No) / (?)                  Check one: <u>1.</u> Boat collision                  _____ 2. Shot                  _____ 4. Fishery interaction  <u>X5.</u> Other Found in intake structure</p> <p>How determined: _____</p> <p>Other Causes (if known): _____</p>
*Latitude: _____ N	
*Longitude: _____ W	

<p><b>DATE OF INITIAL OBSERVATION:</b>                  Yr <u>2007</u> Mo <u>July</u> Day <u>23</u>                  CONDITION: Check one: <u>X1.</u> Alive                  _____ 2. Fresh dead                  _____ 3. Moderate decomp.                  _____ 4. Advanced decomp.                  _____ 5. Mummified                  _____ ? Unknown</p>	<p><b>DATE OF EXAMINATION:</b>                  Yr <u>2007</u> Mo <u>July</u> Day <u>23</u>                  CONDITION: Check one: <u>X1.</u> Alive                  _____ 2. Fresh dead                  _____ 3. Moderate decomp.                  _____ 4. Advanced decomp.                  _____ 5. Mummified                  _____ ? Unknown</p>
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<p><b>LIVE ANIMAL - Condition and Disposition:</b>                  Check one <u>X1.</u> Released at site                  or more: _____ 2. Sick                  _____ 3. Injured                  _____ 4. Died                  _____ 5. Euthanized                  _____ 6. Rehabilitated and released                  _____ ? Unknown                  Transported to: <u>1/2 mile offshore</u>                  (Died) / <u>(Released)</u> Date: <u>July 23, 2007</u></p>	<p><b>TAGS APPLIED?:</b> (Yes) / <u>(No)</u>  <b>TAGS PRESENT?:</b> (Yes) / <u>(No)</u></p> <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>_____</td> </tr> <tr> <td>Color(s):</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>Type:</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>Placement</td> <td>_____</td> <td>Front/Rear</td> <td>Front/Rear</td> </tr> </table>		Dorsal	Left	Right	Tag No.(s):	_____	_____	_____	Color(s):	_____	_____	_____	Type:	_____	_____	_____	Placement	_____	Front/Rear	Front/Rear
	Dorsal	Left	Right																		
Tag No.(s):	_____	_____	_____																		
Color(s):	_____	_____	_____																		
Type:	_____	_____	_____																		
Placement	_____	Front/Rear	Front/Rear																		

<p><b>CARCASS - Disposition, check one:</b>                  Check one: _____ 1. Left at site                  _____ 2. Buried                  _____ 3. Towed                  _____ 4. Sci. collection (see below)                  _____ 5. Edu. collection (see below)                  _____ 6. Other _____                  _____ ? Unknown                  NECROPSIED? (Yes) / (No)</p>	<p><b>MORPHOLOGICAL DATA:</b>                  Sex - Check one: <u>X1.</u> Male                  _____ 2. Female                  _____ ? Unknown                  Straight Length: <u>30</u> (cm) / (in) / (est)                  *Weight: <u>85</u> (kg) / (lb) / (est?)                  PHOTOS TAKEN? <u>(Yes)</u> / (No)</p>
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REMARKS: There were 20 barnacles on the shell and 2 on the top of the head. There were 2 gooseneck barnacles (Lepas) on the shell and 2 more on the right rear flipper. There were 2 old bite marks on the left rear flipper.

DISPOSITION OF TISSUE/SKELETAL MATERIAL: \_\_\_\_\_

**Pacific Gas and Electric Company**

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