



**Pacific Gas and
Electric Company®**

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

January 29, 2008

PG&E Letter DCL-2008-504

Certified/Return Receipt
#7007 0220 0004 6736 0000

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 2007 Annual Sea Turtle Report for Diablo Canyon Power Plant (DCPP).

As required by the biological opinion (issued: September 18, 2006) generated by Nuclear Regulatory Commission (NRC) biologists and National Oceanographic and Atmospheric Administration (NOAA) Fisheries staff, the enclosed annual report summarizes sea turtles observed in the vicinity of DCPP during 2007.

One live, healthy green sea turtle was found in DCPP's intake structure on July 23, 2007. The turtle was released unharmed offshore of the power plant. No other sea turtles were observed in the vicinity of DCPP during 2007.

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,

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

2008504/jlk

Enclosure

IE25

NRR

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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 S. Peck
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 9th Street, Room 1341
Sacramento, CA 95814

ENCLOSURE 1

**2007 ANNUAL
SEA TURTLE REPORT
FOR
DIABLO CANYON POWER PLANT**

PACIFIC GAS AND ELECTRIC COMPANY

NUCLEAR POWER GENERATION

**2007 Annual
Sea Turtle Report
For
Diablo Canyon Power Plant**

PACIFIC GAS AND ELECTRIC COMPANY

2007 ANNUAL
SEA TURTLE REPORT
FOR
DIABLO CANYON POWER PLANT

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INCIDENTAL TAKE REPORTS

One green sea turtle was found in Diablo Canyon Power Plant's (DCPP) intake structure on July 23, 2007. The sea turtle was a live, healthy male and was released unharmed about one half mile offshore. No other sea turtles were observed in DCPP's intake structure or in the Intake Cove during 2007. A copy of the sea turtle stranding report that was submitted on August 9, 2007 is included in Appendix 1.

INTAKE INSPECTION RECORDS

In the 24-hours prior to the incidental take of the green sea turtle in July, intake operators inspected the intake forebays approximately every 12 hours. Inspection records covering this time period are included in Appendix 2.

SEA TURTLE PHOTOGRAPHS

Several photographs were taken of the green sea turtle found in DCPP's intake structure on July 23, 2007. Six photographs that show the turtle are included in Appendix 3. Four of the six photographs were submitted via e-mail when the stranding report was submitted.

SEA TURTLE OBSERVATIONS

Other than the green sea turtle found on July 23, 2007, there were no other sea turtles observed in the vicinity of DCPP during 2007.

STATUS OF DCPP INCIDENTAL TAKE LEVEL

DCPP's Incidental Take Statement allows the following levels of sea turtle take for 2007 through 2026.

<u>Species</u>	<u>Total Entrainment</u>	<u>Mortality</u>	<u>Serious Injury</u>
Green	15 turtles	3 turtles	1 turtle
Leatherback	3 turtles	1 turtle	1 turtle
Loggerhead	3 turtles	1 turtle	1 turtle
Olive Ridley	3 turtles	1 turtle	1 turtle

Since one healthy green sea turtle was taken and released in 2007, DCPP has fourteen remaining allowed green sea turtle takes for 2008 through 2026. Leatherback, Loggerhead, and Olive Ridley allowed takes remain at three. There have been no sea turtle mortalities or serious injuries.

ACTIONS TO REDUCE SEA TURTLE ENTRAINMENT

DCPP took no specific direct actions to reduce sea turtle entrainment during 2007. Sea turtles continue to be rare in the vicinity of DCPP. In addition, all incidental takes to date have been live, healthy sea turtles that were released unharmed.

Signs reminding operations and maintenance personnel to watch for turtles during inspection rounds were installed at the intake in early 2007.

DCPP personnel attended sea turtle handling training in La Jolla, California on June 28, 2007.

APPENDIX 1

Sea Turtle Incidental Take Report

July 23, 2007

APPENDIX 2

Intake Inspection Records

July 23, 2007

Intake Bar Rack Inspection Times
During the 24-Hours Prior to
The Sea Turtle Siting

<u>Date</u>	<u>Bar Racks Unit 1</u>	<u>Bar Racks Unit 2</u>
7/22/07	9:01	9:01
7/22/07	23:47	23:47
7/23/07	12:09	12:09

Log sheets showing bar rack inspections on July 22, 2007 and July 23, 2007 are attached.

APPENDIX 3

Sea Turtle Photographs

July 23, 2007





