



**Pacific Gas and
Electric Company®**

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

PG&E Letter DCL-2017-501

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7014-2120-0004-6299-7855

January 27, 2017

Justin Viezbicke
California Stranding Network Coordinator
NOAA Fisheries
501 West Ocean Blvd., Suite 4200
Long Beach, California 90802-4213

2016 Annual Sea Turtle Report for Diablo Canyon Power Plant (DCPP)

Mr. Viezbicke,

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 2016.

No sea turtles were found within the power plant intake structure forebays during 2016. Additionally, no sea turtles were observed near the power plant during 2016.

If you have any questions or concerns regarding the enclosed report, or require additional information, please contact Bryan Cunningham at (805) 545-4439.

Sincerely,

Kenneth E. Johnston
Director, Operations Services - Diablo Canyon Power Plant

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Enclosures (1)

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DCL 2/28/17

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January 27, 2017
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cc w/enclosure: Siva P. Lingam
NRR Project Manager
U.S. Nuclear Regulatory Commission
One White Flint North
Mail Stop 08B1
11555 Rockville Pike
Rockville, MD 20852-2738

Chris Newport
NRC Senior Resident Inspector
U.S. Nuclear Regulatory Commission
Diablo Canyon Power Plant 104/5

Regional Administrator
Licensing Assistant, Operations Branch
U.S. Nuclear Regulatory Commission
Region IV
1600 East Lamar Boulevard
Arlington, TX 76011-4511

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555-0001

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NOAA Fisheries January 27, 2017

Enclosure 1

**Pacific Gas & Electric Company
Nuclear Power Generation**

**2016 Annual Sea Turtle Report
Diablo Canyon Power Plant (DCPP)**

PACIFIC GAS & ELECTRIC COMPANY

2016 ANNUAL
SEA TURTLE REPORT

DIABLO CANYON POWER PLANT (DCPP)

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Incidental Take Reports

No sea turtles were found or observed in Diablo Canyon Power Plant (DCPP) intake structure forebays during 2016. Therefore, there were no incidental take reports generated.

Intake Inspections

Observations of DCPP intake structure forebays continue to be conducted approximately every 12 hours by the Shift Operations Intake Watch.

Sea Turtle Observation

Biological monitoring and other activities occurred routinely in the waters around DCPP throughout 2016. During 2016, no sea turtles were observed near the power plant.

Sea Turtle Photographs

As no turtle observations occurred during 2016, no photographs of specimens were taken.

Status of DCPP Incidental Take Levels

DCPP's 2006 Incidental Take Statement allows the following levels of sea turtle take for the period 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

Sea turtles taken and released since 2006: Five healthy green sea turtles (one in 2007, one in 2009, one in 2010, one in 2012, and one in 2014).

As five (5) healthy green sea turtles were taken and released unharmed since 2006, DCPP has ten (10) remaining allowed green sea turtle takes for 2017 through 2026. Leatherback, Loggerhead, and Olive Ridley allowed takes remain at three per species. There have been no sea turtle mortalities or serious injuries associated with power plant intake operations.

Actions to Reduce Sea Turtle Entrainment

DCPP took no specific actions to reduce sea turtle entrainment during 2016. Sea turtles continue to be rare in the vicinity of the power plant. In addition, all incidental takes to date have involved only live, healthy, and uninjured sea turtles that were released unharmed.

Signs reminding operations and maintenance personnel to routinely watch for turtles during inspection rounds and other work activities were installed at the intake structure in early 2007, and remained in place throughout 2016.