

P. O. Box 56 Avila Beach, CA 93424

Pacific Gas and Electric Company®

PG&E Letter DCL-2014-535

Certified/Return Receipt # 7010-1060-0000-4204-4982

October 20, 2014

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

Sea Turtle Stranding Report (Green Sea Turtle) Diablo Canyon Power Plant

Enclosed is a NOAA Fisheries West Coast Sea 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 2-5 intake structure forebay by commercial divers at approximately 08:00 a.m. on September 22, 2014. The turtle was identified as a green sea turtle (*Chelonia mydas*).

As authorized in DCPP's incidental take statement issued September 18, 2006, facility staff removed the turtle from the intake structure forebay that morning (September 22nd) for release offshore of the facility. The turtle was removed by cargo net, and then transported from the intake structure in the bed of a truck. The plant biologist completed measurements of the turtle, and photographs were taken. The photographs are enclosed in addition to the stranding report. The turtle was estimated to weigh 25-30 pounds, with a shell length (notch-tip) of 20 inches, and appeared to be in good health based on visual observation. There were no apparent abrasions or indication of any injury. The turtle was tagged on the left front flipper with Tag #MC-22. Following measurement and tagging, the turtle was transferred to a facility boat for transport offshore, and released in the open ocean approximately two miles south of the power plant. The turtle swam away strongly in a southerly direction following release.

Discovery and release of the turtle was reported to NOAA Fisheries via telephone on September 22, 2014, within the required 48-hour reporting period.

Live green sea turtles have been discovered at DCPP's intake structure on eleven previous occasions during commercial operations: September 21, 2012, August 08, 2010, 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 in the vicinity of the power plant.

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 W. Cortese

Unett W. Contra

Manager – Chemistry and Environmental Operations

2014535jlk/bkc

Enclosures (2)

IE77 NIER PG&E Letter DCL-2014-535 Justin Viezbicke, NOAA Fisheries October 20, 2014 Page 2

cc w/enclosures:

Alan B. Wang

NRR Project Manager

U.S. Nuclear Regulatory Commission

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Thomas Hipschman

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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Marine Region

California Department of Fish and Wildlife

20 Lower Ragsdale Dr. Suite 100

Monterey, CA 93940

Robin LeRoux

National Marine Fisheries Service

Southwest Fisheries Science Center

8901 La Jolla Shores Drive

La Jolla, CA 92037

Specimen Photographs – Green Sea Turtle (*Chelonia mydas*)
Diablo Canyon Power Plant (DCPP) - September 22, 2014





Specimen Photographs – Green Sea Turtle (*Chelonia mydas*)
Diablo Canyon Power Plant (DCPP) - September 22, 2014

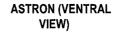


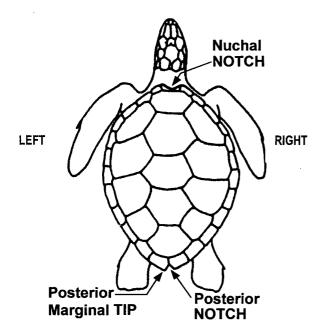


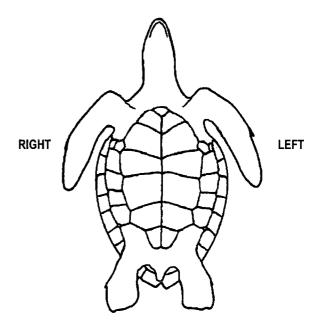
U.S. WEST COAST SEA TURTLE STRANDING REPORT

FIELD #				
DATE INITIALLY OBSERVED:	09 22 20 14 Year	DATE E	XAMINED: 09 22 20 14 RESTRANDER? Day	
INITALLY OBSERVED BY:		Phone (IED BY: Jim Kelly 805) 545 - 3194 Email jlk1@pge.com Pacific Gas & Electric Company, Diablo Canyon Power Plant (DCPP)	
Green Sea Turtle Common name Chelonia mydas	City 9 miles NW of Avila Be	ach	eached X Floating in water County San Luis Obispo State Ca ower Plant (DCPP) Intake Structure Forebay 2-5	
Genus Species Digital photos taken: X Yes No Verified by: AGE: (NMFS Use Only)	Latitude _35 _, _12' _44" _ ° N _ Longitude _ 120 , _51' _ 13" _ ° W _ Record in decimal degrees. How determined (check one): _ GPS _ X Map Internet/software			
Hatchling Immature Adult Unknown	Does tail extend beyond cara ☐ Yes ☒ No	No CARAPACE:		
CONDITION: X 1 = Alive 2 = Fresh dead	How was sex determined? Tail length Penis	☐ Necropsy	Curved Carapace Length (nuchal notch to tip) 51.0 cm Curved Carapace Width (at widest point) 49.5 cm Straight Carapace Length Calipers Tape cm Straight Carapace Width Calipers Tape cm	
3 = Moderate decomposition 4 = Advanced decomposition 5 = Dried mummified/ skeleton 6 = Unknown condition	☐ 2 = Fair 🗵 5	4 = Good 5 = Excellent 6 = Unknown	Straight Carapace Width Calipers Tape cm TAIL: End of plastron to tail tip (ventral side) cm Cloaca to tail tip (ventral side) 3.8 cm	
FLIPPER: Existing metal tags present' Tag # Lef Tag # Lef Return address: Evidence of old tag holes/ rips in flippe If yes, draw on diagram on back of p PIT: Existing PIT tags present? Scanner type: AVID Univers PIT tag # Location: Left Location: Left Location: Left	Pyes X No th Right Front/ Rear th Right Front/ Rear Trs Yes X No to page. Yes Right Front/ Rear th Right Front/ Rear	If yes, choose of 1 = Boat coll 2 = Shot 3 = Fishery i 4 = Oiled \$\overline{\text{S}} 5 = Power p 6 = Other \$\overline{\text{How determined}} \$\overline{\text{Vidence collect}} \$\overline{\text{Storage location}} \$\text{Sto	ant entrainment Power plant intake structure ? X External exam Internal exam Necropsy ed? Yes X No Describe	
APPLIED NEW TAGS (live turtle): X Yes No Tag #_MC-22 Left/ Right Front/ Rear Tag # Left/ Right Front/ Rear PIT tag #		OTHER FINDINGS: Yes No Cannot Be Determined If yes, choose one or more. Describe and draw on diagram on back of page. 1 = Disease 2 = Trauma		
PIT tag #	/ Right Front/ Rear		? External exam Internal exam Necropsy	
2 = Alive, transferred to rehabilitation 3 = Euthanized at site By 4 = Dead, left at site Marked? 5 = Dead, buried: On beach 6 = Dead, salvaged: Whole car 7 = Necropsied: Field La	Relocated Approximately 2 Mile on Date F C Yes	acilityarcass dispositio	If fishery interaction, disentangled prior to release? Yes No	

CARAPACE (DORSAL VIEW)







riease mark wounds/ abnormalities on diagrams above and describe them below. Be sure to meas figital photos. Note tar or oil, gear or debris entanglements, epibiota, masses, papillomas, emaciati	
Please note if no wounds or abnormalities are found.	Digital photos taken? ☒ Yes ☐ No
The turtle was observed alive and healthy, showing no signs of injury. There was a bryozoan colony	growing on the rear right quarter of the shell.
There was a small bump/scar observed on the top of the neck behind the head.	
Additional Attachments (e.g. Level A, Pathology):	
SPECIMEN DISPOSITION: Check all that apply. Scientific collection Education	
List all samples/ parts collected (note tissue and storage medium): Storage location	
The turtle was released alive and healthy in the open ocean approximately 2 miles south of Diablo Ca	nyon Power Plant.
NMFS Sample Requests:	SHIP TO: Robin LeRoux
Skin (All species): DMSO Saturated salt	NMFS-SWFSC
Scleral ossicles (Leatherbacks only): 🔲 Left eye 🔛 Right eye	8901 La Jolla Shores Drive
Front flipper (Green turtles only):	La Jolla, CA 92037 Robin.LeRoux@noaa.gov
Other Samples: Blood Sample Obtained; Forward to Robin LeRoux with Report Copy	Robin.LeRoux@noaa.gov
•	
SWFSC Animal ID: Other ID:	

PLEASE MAIL ORIGINAL FORMS TO:

Justin Viezbicke, Stranding Coordinator, National Marine Fisheries Service- Southwest Regional Office 501 W. Ocean Blvd., Suite 4200, Long Beach, CA 90802-4213
Office: (562) 980-3230, Hotline Cell: (562) 506-4315, Fax: (562) 980-4027, Justin.Viezbicke@noaa.gov