



PG&E Letter DCL-2015-517

Certified/Return Receipt
7010-1060-0000-4204-2681

March 24, 2015

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

Marine Mammal Stranding Report (Sea Lion) Diablo Canyon Power Plant

Dear Mr. Viezbicke:

Enclosed is a NOAA Fisheries Marine Mammal Stranding Report for a dead sea lion (*Zalophus californianus*) discovered in the Diablo Canyon Power Plant (DCPP) intake structure forebay. The sea lion was discovered by plant operations staff on March 14, 2015 against the Unit 1 intake 1-2 debris bar rack.

As authorized in a letter dated June 3, 1994 from the National Marine Fisheries Service (NMFS), DCPP removed the dead sea lion from the intake structure and transported it offshore. The small sea lion, likely a pup, was approximately 40 inches in length, with an estimated weight of about 30 pounds. The animal had moderate decomposition, no photographs of the carcass were taken. Most of the head and neck area was gone. There was no indication of cause of death due to the decomposition. It appears that this animal died in the vicinity of the power plant, and drifted up against the intake bar racks. Intake flows are not a challenge to live sea lions, and they frequently swim in and out of the intake structure. There was no indication of an adverse impact to the marine mammal due to power plant operations. It is most likely that the sea lion's death is attributable to natural causes.

Verbal notification of this incident was reported to NOAA Fisheries on March 16, 2015 (Monday following weekend discovery).

Should 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
Manager – Chemistry and Environmental Operations

2015517/jlk/bkc

Enclosure (1)

IE77
NRR

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cc w/enclosure: Alan B. Wang
NRR Project Manager
U.S. Nuclear Regulatory Commission
One White Flint North
Mail Stop 08B1
11555 Rockville Pike
Rockville, MD 20852-2738

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

Regional Administrator
U.S. Nuclear Regulatory Commission
Region IV
611 E. Lamar Blvd., Suite 400
Arlington, TX 76011-4125

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

Marine Region
California Department of Fish and Wildlife
20 Lower Ragsdale Dr. Suite 100
Monterey, CA 93940

MARINE MAMMAL STRANDING REPORT - LEVEL A DATA

FIELD #: _____ NMFS REGIONAL #: _____ NATIONAL DATABASE#: _____
(NMFS USE) (NMFS USE)

COMMON NAME: California Sea Lion GENUS: Zalophus SPECIES: californianus

EXAMINER Name: James Kelly Affiliation: Pacific Gas and Electric Company

Address: P.O. Box 56, Avila Beach, California 93424 Phone: (805) 545-3194

Stranding Agreement or Authority: _____

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|--|--|
| <p>LOCATION OF INITIAL OBSERVATION</p> <p>State: <u>Ca.</u> County: <u>San Luis Obispo</u></p> <p>City: <u>Avila Beach</u></p> <p>Body of Water: <u>Pacific Ocean</u></p> <p>Locality Details: <u>Diablo Canyon Power Plant - Intake Structure Bay 1-2</u></p> <p>Lat (DD): <u>35</u> <u>12' 44"</u> N</p> <p>Long (DD): <u>120</u> <u>51' 13"</u> W</p> <p><input checked="" type="checkbox"/> Actual <input type="checkbox"/> Estimated</p> <p>How Determined: (check ONE)</p> <p><input checked="" type="checkbox"/> GPS <input type="checkbox"/> Map <input type="checkbox"/> Internet/Software</p> | <p>OCURRENCE DETAILS <input type="checkbox"/> Restrand GE# _____</p> <p>Group Event: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (NMFS Use)</p> <p>If Yes, Type: <input type="checkbox"/> Cow/Calf Pair <input type="checkbox"/> Mass Stranding # Animals: _____ <input type="checkbox"/> Actual <input type="checkbox"/> Estimated</p> <p>Findings of Human Interaction: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> Could Not Be Determined (CBD)</p> <p>If Yes, Choose one or more: <input type="checkbox"/> 1. Boat Collision <input type="checkbox"/> 2. Shot <input type="checkbox"/> 3. Fishery Interaction</p> <p><input type="checkbox"/> 4. Other Human Interaction: _____</p> <p>How Determined (Check one or more): <input checked="" type="checkbox"/> External Exam <input type="checkbox"/> Internal Exam <input type="checkbox"/> Necropsy</p> <p><input type="checkbox"/> Other: _____</p> <p>Gear Collected? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO Gear Disposition: _____</p> <p>Other Findings Upon Level A: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> Could Not Be Determined (CBD)</p> <p>If Yes, Choose one or more: <input type="checkbox"/> 1. Illness <input type="checkbox"/> 2. Injury <input type="checkbox"/> 3. Pregnant <input type="checkbox"/> 4. Other: _____</p> <p>How Determined (Check one or more): <input type="checkbox"/> External Exam <input type="checkbox"/> Internal Exam <input type="checkbox"/> Necropsy</p> <p><input type="checkbox"/> Other: _____</p> |
|--|--|

INITIAL OBSERVATION

Date: Year: 2015 Month: 03 Day: 14

First Observed: Beach or Land Floating Swimming

CONDITION AT INITIAL OBSERVATION (Check ONE)

1. Alive 4. Advanced Decomposition

2. Fresh dead 5. Mummified/Skeletal

3. Moderate decomposition 6. Condition Unknown

LEVEL A EXAMINATION Not Able to Examine

Date: Year: 2015 Month: 03 Day: 18

CONDITION AT EXAMINATION (Check ONE)

1. Alive 4. Advanced Decomposition

2. Fresh dead 5. Mummified/Skeletal

3. Moderate decomposition 6. Unknown

INITIAL LIVE ANIMAL DISPOSITION (Check one or more)

1. Left at Site 6. Euthanized at Site

2. Immediate Release at Site 7. Transferred to Rehabilitation:

3. Relocated Date: Year: _____ Month: _____ Day: _____

Facility: _____

4. Disentangled 8. Died during Transport

5. Died at Site 9. Euthanized during Transport

10. Other: _____

CONDITION/DETERMINATION (Check one or more)

1. Sick 7. Location Hazardous

2. Injured a. To animal

3. Out of Habitat b. To public

4. Deemed Releasable 8. Unknown/CBD

5. Abandoned/Orphaned 9. Other: _____

6. Inaccessible

MORPHOLOGICAL DATA

SEX (Check ONE) **AGE CLASS** (Check ONE)

1. Male 1. Adult 4. Pup/Calf

2. Female 2. Subadult 5. Unknown

3. Unknown 3. Yearling

Whole Carcass Partial Carcass

Straight length: 40 cm in actual estimated

Weight: 30 kg lb actual estimated

PHOTOS/VIDEOS TAKEN: YES NO

Photo/Video Disposition: _____

TAG DATA Tags Were:

Present at Time of Stranding (Pre-existing): YES NO

Applied during Stranding Response: YES NO

| ID# | Color | Type | Placement* (Circle ONE) | Applied | Present |
|-------|-------|------|----------------------------|--------------------------|--------------------------|
| _____ | | | D DF L | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | LF LR RF RR | | |
| _____ | | | D DF L | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | LF LR RF RR | | |
| _____ | | | D DF L | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | LF LR RF RR | | |

* D= Dorsal; DF= Dorsal Fin; L= Lateral Body
 LF= Left Front; LR= Left Rear; RF= Right Front; RR= Right Rear

CARCASS STATUS (Check one or more)

1. Left at Site 4. Towed: Lat _____ Long _____ 7. Landfill

2. Buried 5. Sunk: Lat _____ Long _____ 8. Unknown

3. Rendered 6. Frozen for Later Examination 9. Other: _____

SPECIMEN DISPOSITION (Check one or more)

1. Scientific collection 2. Educational collection

3. Other: Towed offshore

Comments: _____

NECROPSIED NO YES Limited Complete

Carcass Fresh Carcass Frozen/Thawed

NECROPSIED BY: _____

Date: Year: _____ Month: _____ Day: _____

ADDITIONAL REMARKS

ADDITIONAL IDENTIFIER: _____ (If animal is restranded, please indicate any previous field numbers here)

The sea lion carcass was found against the 1-2 bar rack in the Diablo Canyon Power Plant (DCPP) intake structure. It had apparently died nearby, and drifted onto the bar rack in the intake flow. The carcass was removed by divers and towed offshore where it was released. There was no indication of an adverse impact to the animal attributable to power plant operations.

DISCLAIMER

THESE DATA SHOULD NOT BE USED OUT OF CONTEXT OR WITHOUT VERIFICATION. THIS SHOULD BE STRICTLY ENFORCED WHEN REPORTING SIGNS OF HUMAN INTERACTION DATA.

DATA ACCESS FOR LEVEL A DATA

UPON WRITTEN REQUEST, CERTAIN FIELDS OF THE LEVEL A DATA SHEET WILL BE RELEASED TO THE REQUESTOR PROVIDED THAT THE REQUESTOR CREDIT THE STRANDING NETWORK AND THE NATIONAL MARINE FISHERIES SERVICE. THE NATIONAL MARINE FISHERIES SERVICE WILL NOTIFY THE CONTRIBUTING STRANDING NETWORK MEMBERS THAT THESE DATA HAVE BEEN REQUESTED AND THE INTENT OF USE. ALL OTHER DATA WILL BE RELEASED TO THE REQUESTOR PROVIDED THAT THE REQUESTOR OBTAIN PERMISSION FROM THE CONTRIBUTING STRANDING NETWORK AND THE NATIONAL MARINE FISHERIES SERVICE.

PAPERWORK REDUCTION ACT INFORMATION

PUBLIC REPORTING BURDEN FOR THE COLLECTION OF INFORMATION IS ESTIMATED TO AVERAGE 30 MINUTES PER RESPONSE, INCLUDING THE TIME FOR REVIEWING INSTRUCTIONS, SEARCHING EXISTING DATA SOURCES, GATHERING AND MAINTAINING THE DATA NEEDED, AND COMPLETING AND REVIEWING THE COLLECTION OF INFORMATION. SEND COMMENTS REGARDING THIS BURDEN ESTIMATE OR ANY OTHER ASPECT OF THE COLLECTION INFORMATION, INCLUDING SUGGESTIONS FOR REDUCING THE BURDEN TO: CHIEF, MARINE MAMMAL AND SEA TURTLE CONSERVATION DIVISION, OFFICE OF PROTECTED RESOURCES, NOAA FISHERIES, 1315 EAST-WEST HIGHWAY, SILVER SPRING, MARYLAND 20910. NOT WITHSTANDING ANY OTHER PROVISION OF THE LAW, NO PERSON IS REQUIRED TO RESPOND, NOR SHALL ANY PERSON BE SUBJECT TO A PENALTY FOR FAILURE TO COMPLY WITH, A COLLECTION OF INFORMATION SUBJECT TO THE REQUIREMENTS OF THE PAPERWORK REDUCTION ACT, UNLESS THE COLLECTION OF INFORMATION DISPLAYS A CURRENTLY VALID OFFICE OF MANAGEMENT AND BUDGET (OMB) CONTROL NUMBER.

