

February 10, 2012

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

Subject: **Docket Nos. 50-206, 50-361 and 50-362**
2011 Annual Turtle Incidental Take Report
San Onofre Nuclear Generating Station (SONGS), Units 1, 2 and 3

Reference: Letter from Robert Heckler (Southern California Edison), to Sarah Wilkin
(National Marine Fisheries Service), dated February 2, 2012

Dear Sir or Madam:

In accordance with a request by Nuclear Regulatory Commission, Division of Site and Environmental Review, Southern California Edison (SCE) is providing a copy of the referenced letter with attached 2011 Annual Turtle Incidental Take Report. This annual report, submitted to the National Marine Fisheries Service (NMFS), lists the incidental takes of sea turtles for the year 2011.

If you have any questions, please contact Mr. Ryan I. Treadway at (949) 368-9985.

Sincerely,



Attachment as Stated

cc: E. E. Collins, NRC Regional Administrator, Region IV
R. Hall, NRC Project Manager, SONGS Units 2 and 3
J. C. Shepherd, NRC Project Manager, SONGS Unit 1
G. G. Warnick, NRC Senior Resident Inspector, SONGS Units 2 and 3
J. E. Whitten, NRC Region IV, Nuclear Material Safety Branch Chief
D. T. Logan, NRC Aquatic Biologist, Division of License Renewal
H. L. Nash, NRC Division of Site and Environmental Review

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NRK



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February 2, 2012

Sarah Wilkin
National Marine Fisheries Service
501 West Ocean Blvd. Suite 4200
Long Beach, CA 90802-4213

SUBJECT: San Onofre Nuclear Generating Station 2011 Annual Turtle Incidental Take Report

REFERENCE: National Marine Fisheries Service Biological Opinion for Sea Turtles Dated 9/18/06

Dear Ms. Wilkin:

In accordance with the reference above, the San Onofre Nuclear Generating Station (SONGS) is submitting this annual report on incidental takes of sea turtles for the year 2011. One Green Sea Turtle was entrained during 2011 at SONGS (see attached stranding report). The turtle had skin samples taken and tags injected by National Marine Fisheries Service, then released alive and unharmed at the San Onofre State Beach. Visual inspections on the previous shift 8/30/11, showed no evidence of turtles in the circulating water systems of the applicable unit. Routine monthly offshore surveys conducted offshore of SONGS in the vicinity of the Units 2 and 3 intakes did not note any sea turtles in the vicinity of the plant intakes. Both plants currently have velocity caps which significantly minimize the potential for the entrainment of sea turtles into the Units 2 and 3 circulating water intakes. SONGS also performs visual inspections of the circulating water intakes every shift for turtles and marine mammals. If you have any questions, please contact me at (949) 368-3816.

Sincerely,

Robert Heckler
Manager, Environmental Protection
San Onofre Nuclear Generating Station

MARINE MAMMAL STRANDING REPORT

SID# _____

FIELD NO. SCE11-T1 NMFS REGISTRATION NO.: _____COMMON NAME: GREEN SEA TURTLE GENUS: CHELONIA SPECIES: MYDAS

EXAMINER

Name: J. FRAPPIER/D. GALLION Agency: SO. CALIF. EDISON CO. Phone: (949) 368-3816Address: P.O. BOX 128, BLDG. W-44, SAN CLEMENTE, CA 92674-0128

LOCATION State: <u>CA</u> County: <u>SAN DIEGO</u> City: <u>SAN ONOFRE</u> Locality Details: <u>SAN ONOFRE NUCLEAR GENERATING STATION UNIT 3</u> Latitude: <u>33° 21' 43" N</u> Longitude: <u>117° 33' 46" W</u>		TYPE OF OCCURRENCE Mass Stranding: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No # Animals <u>1</u> Human Interaction: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> ? Check one: <input type="checkbox"/> 1. Boat Collision <input type="checkbox"/> 2. Shot <input type="checkbox"/> 3. Fishery Interaction <input checked="" type="checkbox"/> 4. Other <u>Entrainment into power generating station.</u> How determined: <u>Animal discovered in station cooling water system.</u> Other Causes (if known): _____																	
DATE OF INITIAL OBSERVATION Yr. <u>2011</u> Mo. <u>8</u> Day <u>31</u> CONDITION: Check one: <input checked="" type="checkbox"/> 1. Alive <input type="checkbox"/> 2. Fresh dead <input type="checkbox"/> 3. Moderate decomp. <input type="checkbox"/> 4. Advanced decomp. <input type="checkbox"/> 5. Mummified <input type="checkbox"/> ? Unknown		DATE OF EXAMINATION Yr. <u>2011</u> Mo. <u>9</u> Day <u>1</u> CONDITION: Check one: <input checked="" type="checkbox"/> 1. Alive <input type="checkbox"/> 2. Fresh dead <input type="checkbox"/> 3. Moderate decomp. <input type="checkbox"/> 4. Advanced decomp. <input type="checkbox"/> 5. Mummified <input type="checkbox"/> ? Unknown																	
LIVE ANIMAL – Condition and Disposition: Check one or more: <input checked="" type="checkbox"/> 1. Released at site <input type="checkbox"/> 2. Sick <input type="checkbox"/> 3. Injured. <input type="checkbox"/> 4. Died <input type="checkbox"/> 5. Euthanized <input type="checkbox"/> 6. Rehabilitated and released <input type="checkbox"/> ? Unknown Transported to: <u>San Onofre Beach</u> <input type="checkbox"/> Died <input checked="" type="checkbox"/> Released Date: <u>9/1/11</u>		TAGS APPLIED?: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No TAGS PRESENT?: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <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> </table> Placement: _____ Front/Rear Front/Rear Tag injected by NMFS			Dorsal	Left	Right	Tag No.(s)	_____	_____	_____	Color(s)	_____	_____	_____	Type:	_____	_____	_____
	Dorsal	Left	Right																
Tag No.(s)	_____	_____	_____																
Color(s)	_____	_____	_____																
Type:	_____	_____	_____																
CARCASS –Disposition: Check one: <input type="checkbox"/> 1. Left at site <input type="checkbox"/> 2. Buried <input type="checkbox"/> 3. Towed <input type="checkbox"/> 4. Sci. collection: <input type="checkbox"/> 5. Edu. collection: <input type="checkbox"/> 6. Other _____ <input type="checkbox"/> ? Unknown NECROPSIED: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		MORPHOLOGICAL DATA: Sex – Check one: <input type="checkbox"/> 1. Male <input type="checkbox"/> 2. Female <input checked="" type="checkbox"/> ? Unknown Straight Length: <u>20</u> <input type="checkbox"/> cm <input checked="" type="checkbox"/> in <input checked="" type="checkbox"/> est Weight <u>20</u> <input type="checkbox"/> kg <input checked="" type="checkbox"/> lb <input checked="" type="checkbox"/> est PHOTOS TAKEN? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																	

REMARKS: Turtle successfully returned to ocean from San Onofre beach. (NMFS took skin samples and injected tag)DISPOSITION OF TISSUE/SKELETAL MATERIAL: Turtle was found alive, skin samples taken by NMFS