

September 19, 2007

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

Subject: **Docket Nos. 50-206, 50-361 and 50-362**

2007 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 Joe Cordaro

(National Marine Fisheries Service), dated January 23, 2007

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 2007 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 2006.

If you have any questions, please contact Mr. C. E. Williams at (949)368-6707.

Sincerely.

Attachment As Stated

cc: E. E. Collins, Jr., NRC Regional Administrator, Region IV

N. Kalyanam, NRC Project Manager, SONGS Units 2 and 3

C. C. Osterholtz, NRC Senior Resident Inspector, SONGS Units 2 and 3

D. B. Spitzberg, NRC Region IV, SONGS Unit 1

J. C. Shepherd, NRC Project Manager, SONGS Unit 1

D. T. Logan, NRC Aquatic Biologist, Division of License Renewal

P.O. Box 128 San Clemente, CA 92672 949-568-7501 Fax 949-368-7575 I 523

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JAN 2 3 2007

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

SUBJECT:

San Onofre Nuclear Generating Station (SONGS) 2007 Annual Turtle

Incidental Take Report

REFERENCE:

National Marine Fisheries Service (NMFS) Biological Opinion for

Sea Turtles Dated 9/18/06

Dear Joe:

In accordance with the National Marine Fisheries Service (NMFS) biological opinion on sea turtles dated September 18, 2006, the San Onofre Nuclear Generating Station (SONGS) is submitting this annual report on incidental takes of sea turtles for the year 2006.

In 2006, SONGS entrained three green sea turtles (see enclosed stranding reports). All three turtles were tagged and released alive and unharmed at the San Onofre State Beach. Visual inspections on the previous shifts on May 20, 2006, June 7, 2006, and August 11, 2006 showed no evidence of the 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 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) 368-6816.

Sincerely,

ROBERT HECKLER

Environmental Protection Group

San Onofre Nuclear Generating Station

Enclosures

and the second of the second o					
FIELD NO. SCE06-T1	_NMFS REG	SISTRATION NO.:			
COMMON NAME: GREEN SEA TURTLE	GENUS	: CHELONIA	SPECIES: MYDAS .		
EXAMINER					
Name: E. SMITH/R. K. HECKLER	Agency: SO.	CALIF. EDISON.CO. Phor	ne: <u>(949) 368-6816</u> .		
	CLEMENTE	CA_92674-0128			
AddlessF.O. BOX 126, BEDG. W-44, SAN	OCCINENTE,	OA JEUIT UILU.			
LOCATION	l	CCURRENCE			
State: CA County: SAN DIEGO.		ing: Yes No # Animals 1			
City: SAN ONOFRE	Human Interaction: Yes □ No □ ?				
Locality Details SAN ONOFRE NUCLEAR	Check one: 1. Boat Collision				
GENERATING STATION		2. Shot	•		
UNIT 3		3. Fishery Interaction			
Latitude: 33° 21' 43" N	How dotorm	ined: Animal discovered	ent into power generating station. in station cooling water system.		
Lamude. 33 21 43 N		es (if known):	in station cooming water system,		
Longitude: 117° 33' 46" W.	Other Cause	in Kilowily.			
DATE OF INITIAL OBSERVATION		DATE OF EXAMINATION	N 1,11 177 19, 1		
	y <u>20</u>	Yr. 2005 Mo	* * *		
CONDITION: Check one: X 1. Alive		CONDITION: Check one			
2. Fresh dead			, 2. Fresh dead		
3. Moderate deco	omp.	j ·	3. Moderate decomp.		
☐ 4 Advanced dec	•		4. Advanced decomp.		
5 Mummified			5. Mummified		
☐ ?. Unknown			?. Unknown		
LIVE ANIMAL - Condition and Disposition:		TAGS APPLIED?:	X Yes No		
Check one or more: 🔀 1. Released at site		TAGS PRESENT?:	☐ Yes. ⊠ No		
□ 2. Sick			·		
3. Injured.		Dorsal			
4. Died		Tag No.(s)	<u>Q320</u> <u>Q321</u>		
5. Euthanized		Color(s)	Silver Silver		
☐ 6. Rehabilitated ar	nd released		ivietai ivietai.		
?. Unknown		Placement:	Front/Rear Front/Rear		
Transported to:	·	i labeliterit.	Trong teal		
Died Released Date:		MORPHOLOGICAL DAT	٠.٠		
CARCASS – Disposition: Check one: 1. Left at site		Sex - Check one:	A. 1. Male		
Check one: 1. Left at site		Sex - Check one.	2. Female		
3. Towed			₹ ?. Unknown		
☐ 3. 16wed ☐ 4. Sci. collection: (se	aa halow\		74 : Officiowit		
5. Edu. collection: (s		Straight Length:18	☐ cm ☒ in ☒ est		
☐ 6. Other					
?. Unknown		Weight35	kg 🛛 lb 🖾 est		
NECROPSIED: Yes 🖂	No	PHOTOS TAKEN?	X Yes No		
NECROPSIED: Yes 🖂	NU	THOTOG PARCH:	X 169 140		
REMARKS: Turtle successfully returned to ocean from San Onofre beach.					
DISPOSITION OF TISSUE/SKELETAL MATERIAL: No parts collected .					

SID# _____

MARINE MAMMAL STRANDING REPORT



MARINE MAMMAL STRANDING REPORT	SID#					
FIELD NO. SCE06-T2 NMFS REG	ISTRATION NO.:					
COMMON NAME: GREEN SEA TURTLE GENUS	CHELONIA SPECIES: MYDAS					
EXAMINER						
Name: M. HAY/R. K. HECKLER Agency: SO. CA	ALIF. EDISON CO. Phone: (949) 368-6816.					
-Address:P:O. BOX-128, BLDG. W-44, SAN CLEMENTE, CA-92674-0128.						
	OURDENOS					
State: CA County: SAN DIEGO. City: SAN ONOFRE Locality Details SAN ONOFRE NUCLEAR. GENERATING STATION UNIT 2 Latitude: 33° 21' 43" N How determine	CCURRENCE ing: Yes No # Animals 1 action: Yes No ? e: 1. Boat Collision 2. Shot 3. Fishery Interaction 4. Other Entrainment into power generating station. ned: Animal discovered in station cooling water system. s (if known): DATE OF EXAMINATION Yr. 2005 Mo.; 6 Day 7 CONDITION: Check one: 1. Alive 2. Fresh dead 3. Moderate decomp. 4. Advanced decomp. 5. Mummified 7. Unknown TAGS APPLIED?: X Yes No TAGS PRESENT?: Yes No TAGS PRESENT?: Yes No TAGS No.(s) Q326 Q327 Color(s) Silver Silver Type: Metal Metal Placement: Front/Rear Front/Rear					
☐ Died ☐ Released Date:	MODRIJOLOGICAL DATA					
CARCASS –Disposition: Check one: 1. Left at site 2. Buried 3. Towed 4. Sci. collection: (see below) 5. Edu. collection: (see below) 6. Other	MORPHOLOGICAL DATA: Sex – Check one:					
☐ ?. Unknown	PHOTOS TAKEN? Yes X No					
NECROPSIED: Yes No	7110100 1711\(\text{LIV}\); 165 \(\text{A}\) 140					
REMARKS:Turtle successfully returned to ocean from San Onofre beach.						
DISPOSITION OF TISSUE/SKELETAL MATERIAL: No parts collected .						

MARINE MAMMA	AL STRANDING	REPORT	•·····································	SID#		
FIELD NO. SCE06-	·T3	_NMFS REC	GISTRATION NO.:			
COMMON NAME: GRE	EN SEA TURTLE	GENUS	: CHELONIA	SPECIES: MYDAS .		
EXAMINER						
Name: P. BAUGHMAN	/R. K. HECKLER	Agency	SO. CALIF. EDISON CO	D. Phone: <u>(949) 368-6816</u> .		
Address: - P.O. BOX 128, BLDG. W-44, SAN-CLEMENTE, CA 92674-0128.						
LOCATION State: <u>CA</u> Cou	unter CAN DIECO		CCURRENCE ding: ☐ Yes No	# Animals1		
City: SAN ONOFRE		Human Inter	raction: X Yes 🗌 N			
Locality Details SAN O	NOFRE NUCLEAR.	Check or	ne: 1. Boat Collision 2. Shot			
GENERATING STATI UNIT 3	. <u></u> .		3. Fishery Interact	tion		
(- th l	409) l	4. Other Entrainn	nent into power generating station		
Latitude: 33° 21'	43" N		ined: <u>Animai discovered</u> es (if known):	I in station cooling water system.		
Longitude: 117° 33'	46" W.		·			
DATE OF INITIAL OBSEI Yr. 2006 Mo.		ay <u>11 .</u>	DATE OF EXAMINATION Yr. 2005			
CONDITION: Check one	e: 🔯 1. Alive		CONDITION: Check or	e! 🗵 1. Alive		
	2. Fresh dead 3. Moderate deco	omn.		2. Fresh dead 3. Moderate decomp.		
	4. Advanced dec		· .	4. Advanced decomp.		
	5. Mummified ?. Unknown	1	·	5. Mummified 7. Unknown		
LIVE ANIMAL - Condition		· · · · · · · · · · · · · · · · · · ·	TAGS APPLIED?:	X Yes No		
Check one or more:	X 1. Released at si✓ 2. Sick	te	TAGS PRESENT?:	Yes 🛛 No		
	3. Injured.		Dorsal	Left Right		
	4. Died		Tag No.(s)	Q328Q329 Silver Silver		
	5. Euthanized 6. Rehabilitated a	and released	Type:	Metal Metal		
	?. Unknown		Placement:	Front/Rear Front/Rea		
Transported to: Died Released	d Date:	·	Flacement.	Front/Rear Front/Rea		
CARCASS -Disposition:			MORPHOLOGICAL DA	·		
Check one:	☐ 1. Left at site ☐ 2. Buried		Sex – Check one:	1 Male 2. Female		
	3. Towed			☑ ?. Unknown		
	4. Sci. collection: 5. Edu. collection		Straight Longth: 20	Cm 🛭 in 🖾 est		
	6. Other	, ,				
			Weight30	kg 🛛 lb 🖾 est		
	. Unknown		PHOTOS TAKEN?	X Yes No		
NECROPSIED:	☐ Yes 🗵	No				
REMARKS: Turtle successfully returned to ocean from San Onofre beach.						
				,		
DISPOSITION OF TISSUE/SKELETAL MATERIAL: No parts collected						

