

A. Edward Scherer Manager of Nuclear Regulatory Affairs

August 9, 2005

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

Subject: Docket No. 50-362 Report of NPDES Permit Limit Violation San Onofre Nuclear Generating Station (SONGS), Unit 3

Dear Sir or Madam:

SONGS Unit 3 Facility Operating Licenses (No. NPF-15), Appendix B, Section 3.2, requires violations of the National Pollution Discharge Elimination System (NPDES) Permit to be reported to the NRC by submitting copies of the reports required by the NPDES Permit.

Accordingly, a copy of the NPDES June 2005 Discharge Monitoring Report that was submitted to the Regional Water Quality Control Board, San Diego Region on July 29, 2005 is attached.

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

Sincerely,

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Attachment: As stated.

cc: B. S. Mallett, NRC Regional Administrator, Region IV
 J. N. Donohew, NRC Project Manager, San Onofre Units 2, and 3
 C. C. Osterholtz, NRC Senior Resident Inspector, San Onofre Units 2 and 3

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



JUL 2 9 2005

Mr. John Robertus California Regional Water Quality Control Board San Diego Region 9174 Sky Park Ct. Suite 100 San Diego, California 92123 IC: 13-0086.01

SUBJECT: NPDES June 2005 Discharge Monitoring Report San Onofre Nuclear Generating Station, Unit 3

Dear Mr. Robertus:

SCE submits the subject report in accordance with the requirements of Order No. R9-2005-0006 (NPDES Permit No. CA0108181). All sampled water sources were found to be within permit limits with the following exception. On June 14, 2005, a sample obtained on the Unit 3 combined discharge at 10:50 for total residual chlorine was analyzed and had a result of 0.24 mg/l. This sample was obtained after 25 minutes of chlorination, so the effluent limit was 0.176 mg/l. The chlorination was terminated automatically at the chlorine analyzer just prior to the sample being obtained. A subsequent sample taken later in the day indicated a return to limits at less than 0.02 mg/l.

The cause of the exceedence was determined to be due to the following factors:

- A substantial reduction in the biological demand of the circ water system
- The chlorine analyzer setpoint being set too low for the conditions at the time
- The chlorine injection rate was too high for the biological conditions in the system

The evaluation that was conducted noted the following changes to prevent reoccurance of this event:

Short and Long Term Corrective Actions

- The chlorination duration was reduced from 25 minutes chlorination to 18 minutes, resulting in an effluent limit for total residual chlorine of 0.2 mg/l
- The chlorine injection rates were reduced commensurate with the lower biological demand in the circ water system
- The chlorine analyzer setpoint will be reduced on the chlorine analyzer from 0.15 mg/l to 0.13 mg/l

Since the event occurred, all sample results for total residual chlorine on both Units 2 and 3 have been within NPDES effluent limits. This event was discussed with your staff on June 14, 2005. Staff requested that the violation be documented in this report.

Mr. Robertus

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Pursuant to Order No. R9-2005-0006, State and Federal Standard Provisions, Section E, the following representative has prepared and is authorized to sign the reports required by this order: Robert K. Heckler, Environmental Engineer.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,

Mary Jane Johnson for H. W. Newton Manager, Site Support Services

Enclosure

cc: Environmental Protection Agency, Region IX State Water Resources Control Board

bcc: J. T. Reilly
H. W. Newton/M. J. Johnson - w/o enclosure
D. Niebruegge
D. W. Kay
J. Demlow - w/o enclosure
B. Keller - w/o enclosure
C. Williams - w/o enclosure
CDM Files
IDB - NPDES/R. K. Heckler

Southern Cali	ifornia Edison N	Nonthly Repo	ort	Page 1 of 2	0
Facility :	Songs Unit 3	Exact Sample I	Point :	Intake an	d
Order No:	R9-2005-0006		Disc	harge Conduit	S
Report Freq :	Monthly	Collected By :	Song	gs Envir Grp	
Report For :	June 2005	Analyzed By :		gs Envir Grg	Λ
Report Due:	Aug 01, 2005	Signed :	Dolo	NHON/N	la r
Waste Stream :	Water Intake and Combined Discharge	Title :	Environn	nental Enginee	ک ار er

PARAMETER: Temperature Difference (degrees Fahrenheit) = Temperature at Combined Discharge Minus Temperature at Water Intake

·	Combined		u Intoleo	Della	
Date	Avg	Avg	Max	Avg Diff	Daily Max Difference
6-1-05	88	66	67	19	19
6-2-05	. 86	67	68	19	19
6-3-05	87	68	69	19	19
6-4-05	87	68	68	19	19
6-5-05	. * 87	68	69	19	· 19
6-6-05	. 87	r [`] 68	69	19	19
6-7-05	87	68	69	19	19
6-8-05	87	68	69	19	19
6-9-05	87	68	69	19	19
6-10-05	88	. 69	6 9	20	33
6-11-05	90	68	69	22	. 55
6-12-05	87	69	69	18	18
6-13-05	87	68	69	18	· 18
6-14-05	. 87	· · 68	69	. 18	19
6-15-05	87	69	69	19	19
6-16-05	. 87	69	69	[.] 19	19
6-17-05	88	67	69	18	19
6-18-05	81	63	65	• • 18	· 18
6-19-05	80	62	64	18	18
6-20-05	· 🖌 71	60	62	18	18
6-21-05	7	7 58	6D	18	19
6-22-05	70	5 58	59	18	18
6-23-05	71	59	61	19	19
6-24-05	76	5 58	58	19	19
6-25-05	. 76	5 57	59	19	19
6-26-05	71	· 59	62	18	19
6-27-05	. 79	60 60	62	18	18
6-28-05	78	B 60	62	18	18
6-29-05	76	5 58	60	18	. 19
6-30-05	7	5 . 56	59	18	18
Avg	. 8:	. 64	65		20
Reqt				25	25

Heat Treatment Occured : June 10 & 11, 2005

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er

Intake and Screenwell Heat Treatment Occured This Month.

PARAMETER	UNITS	REQUIREMENT	RESULT		
Date/Time Treatment Began			6/10/2005	11:15 pm	
Date/Time Treatment Ended			6/11/2005	12:47 am	
Total Time of Treatment	hours		1.53		
Maximum Screenwell Temperature Attained (Screenwell Target Temperature)	. degr F	* 100	100		
Screenwell Target Temp Duration	hours	* 2.1	1.5		

Following Section only Completed If Screenwell Target Temperature was Exceeded.

Maximum Screenwell Temperature Attained	degr F		N/A
Degrees Above Screenwell Target Temperature	degr F	10	N/A
Maximum Screenwell Temp Duration	min	15 ·	N/A

* Value Varies (From the Mussel Mortality Graph)

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Facility :	Songs Unit 3	Exact Sample Point : Intake and
Order No:	R9-2005-0006	Corcentration
Report Freq :	Monthly	Collected By: Instrumentation
Report For :	June 2005	Analyzed By: Songs Envir, Grp
Report Due :	Aug 01, 2005	Signad - Dala i V-Lock DLA
Report Topic :	Intake Conduit and Screenwell Heat Treatm	Title :Environmental Engineer

Intake and Screenwell Heat Treatment Occured This Month.

PARAMETER	UNITS	REQUIREMENT	RESULT	
: Maximum Intake Conduit Temperature Attained (Intake Conduit Target Temperature)	degr F	125	125	
Screenwell Target Temp Duration	hours	• 2.1	1.5	

Following Section only Completed if Intake Target Temperature was exceeded.

Maximum Intake Condult Temperature Atlained	degr F		N/A
Degrees Above Intake Conduit Target Temperature	degr F	10	N/A
Maximum Intake Condult Temp Duration (Minutes)	min	15 ·	N/A

* Value Varies (From the Mussel Mortality Curve)

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Facility :	Songs Unit 3	Exact Sample Point : Discharge
Order No :	R9-2005-0006	Conduit
Report Freq :	Monthly	Collected By: Instrumentation
Report For :	June 2005	Analyzed By: Songs Envir Gro
Report Due :	Aug 01, 2005	Signed . All A how A I A
Report Topic :	Discharge Conduit Heat Treatment	Title : Environmental Engineer

Discharge and Screenwell Heat Treatment Occured This Month.

PARAMETER	UNITS	REQUIREMENT	RESULT	
Date/Time Treatment Began		• •	09:40 pm	6/10/2005
Date/Time Treatment Ended	~ ~		09:48 pm	6/10/2005
Total Time of Treatment	hours	• <u>·</u>	0.13	
Maximum Discharge Conduit Temperature Attained (Discharge Conduit Target Temperature)	degr F	* 105	104 ·	

Following Section only Completed if Screenwell Target Temperature was Exceeded.

Maximum Screenwell Temperature Attained	degr F		N/A
Degrees Above Screenwell Target Temperature	degr F	10	N/A
Maximum Screenwell Temp Duration	min	15 ·	N/A

* Value Varies (From the Mussel Mortality Graph)

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Facility :	Songs Unit 3 E
Order No :	R9-2005-0006
Report Freq :	Monthly
Report For :	June 2005
Report Due :	Aug 01, 2005
Waste Stream :	Combined Discharge Low Volume Waste

Exact Sample Point :

Collected By: Songs Envir Grp Analyzed By: Songs Envir Grp

Signed : §

Discharge

Title : Environmental Engineer

Parameter : Flow Rate Units : Million Gallons per Day (MGD)

Date	Combined Discharge	Combined Circ Water Total Low Discharge Intake Volume Was		Total Sewage Treatment	In Plant Waste
1	1,218.791	1,218.586	0.205	0.000	0.205
2	1,218.839	1,218.586	0.253	0.000	0.253
3	1,218.656	1,218,586	0.070	0.000	0.070
4	1,218.850	1,218.586	0.264	0.000	0.264
5	1,218.751	-1,218.586	0.165	0.000	0.165
6	1,218.678	1,218.586	0.092	0.000	0.092
· 7	1,218.752	1,218.586	0.166	0.000	0.166
8	1,218.656	1,218.586	0.070	0.000	0.070
9	1,218.749	1,218.586	0.163	0.000	0.163
10	1,218.674	1,218.586	0.088	0.000	0.088
11	1,218.738	1,218.586	. 0.152	0.000	0.152
12	1,218.780	1,218.586	0.194	0.000	0.194
13	1,218.824	1,218.586	0.238	0.000	0.238
14	1,218.867	1,218.586	0.281	0.000	0.281
15	1,218.955	1,218.586	0.369	0.000	0.369
16	1,218.913	1,218.586	0.327	0.000	0.327
17	1,218.846	1,218,586	0.260	0.000	D.260
18	1,218.793	1,218.586	0.207	0.000	0.207
19	1,218.746	1,218.586	0.160	0.000	0.160
20	1,218.875	1,218.586	0.289	. 0.000	0.289
21	1,218.707	1,218.586	0.121	0.000	0.121
22	1,218.700	1,218.586	0.114	0.000	0.114
23	1,218.706	1,218.586	0.120	0.000	0.120
24	1,218.656	1,218.586	0.070	0.000	0.070
25	1,218.791	1,218.586	0.205	0.000	0.205
26	1,218.738	1,218.586	0.152	0.000	0.152
. 27	1,218.819	1,218.586	0.233	0.000	0.233
28	1,218.846	1,218.586	0.260	0.000	0.260
29	1,218.852	1,218.586	0.265	0.000	0.265
30	1,218.748	1,218.586	0.162	0.000	0.162
Avg	1,218.777	1,218.586	0.191	0.000	0.191
Reqt	1286.900		11.610	• 0.145	

Sewage Treatment Discharged To Unit 1 Outfall

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t: Intake and Discharge Conduits

Facility :	Songs Unit 3	Exact Sample Point :
Order No :	R9-2005-0006	Dis
Report Freq :	Monthly	Collected By :
Report For :	June 2005	Analyzed By :
Report Due :	Aug 01, 2005	Signed :
Waste Stream :	Cooling Water Intak	e Title :

Songs Envir Grp Songs Envir Grp

Environmental Engineer

Parameter	Units	Sample Type	Req't Type	Req't Value	Result Value	Date & Time Collected
рН		GRAB			8.1	6/9/2005 01:08 pm
Turbidity	NTU	GRAB			4.3	6/9/2005 01:08 pm

Facility : Order No :	S F	Songs Unit 3 19-2005-0006	Exa	act Samp	Point of Discharge	
Report Freq : Report For : Report Due : Waste Stream :		ionthly une 2005 Aug 01, 2005 Combined Disc	Col Ana charge	llected By alyzed By Signed Title	Songs Envir Grp Songs Envir Grp Mathematics mental Engineer	
Parameter	Units	Sample Type	Req't Type	Req't Value	Result Value	Date & Time Collected
Turbidity	NTU	GRAB	u -	 .	3.2	6/02/05 12:11 pm
рН		GRAB		6 - 9	8.1	6/09/05 10:54 am
Hydrazine	ug/l Ibs/day	, GRẠB	Inst Max		< 4.0 < 40.7	6/23/05 01:45 pm
·····	ug/l lbs/day	y GRAB	Inst Max	190 2100	240.0 101.7	6/14/05 10:50 am
Total Chlorine Residual	ug/l lbs/day	GRAB	Daily Max	88 940	20 8.5	6/14/05 10:50 am
	ug/l	GRAB	6-MO Median	22	9	6/14/05 10:50 am

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Southern	Califo	ornia Edis	on Mon	thly Repo	ort i	Page 8 of 20			
Facility : Order No :	S	Songs Unit 3 19-2005-0006	Exa	Exact Sample Point : Point of Discharge					
Report Freq : Report For : Report Due : Waste Stream :		Nonthly June 2005 Aug 01, 2005 Hotwell Overb Low Volume A	Col Ana oard Waste)	llected By : alyzed By : Signed : Title :		ler			
Parameter	Units	Sample Type	Req't Type	Req't Value	Result Value	Date & Time Collected	-		
Total Suspended _ Solids	mg/l Ibs/day	y GRAB	30-Day Avg	30 0.00		*			
	mg/ Ibs/da	y GRAB	Daily Max	100 0.00	*	*	_		
Grease and Oil	mg/l lbs/da	y GRAB	30-Day Avg	15 0.00	*	*	_		
	mg/l Ibs/da	y GRAB	Dally Max	20 0.00	*	*	_		

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Southern	Califor	nia Edis	on Mon	thly Repo	ort	Page 9 of 20			
Facility : Order No :	So R9	ngs Unit 3 -2005-0006	Exact Sample Point : Point of Discharge						
Report Freq: M Report For: J Report Due: A Waste Stream: S Blowdown (onthly ne 2005 g 01, 2005 eam General ow Volume V	Col Ana or Vaste)	lected By : alyzed By : Signed : Title :	So So Environin	ongs Envir Grp ongs Envir Grp hental Engineer	ler		
Parameter	Units	Sample Type	Req't Type	Req't Value	Result Value	Date & Time Collected	-		
Total	mg/l lbs/day	GRAB	30-Day Avg	. 30 0.00	*	· *	_		
Solids	mg/ lbs/day	GRAB	Daily Max	100 0.00	*	*			
Grease and _ Oil	mg/i Ibs/day	GRAB	30-Day Avg	15 0.00	*	*	-		
	mg/l Ibs/day	GRAB	Daily Max	20 0.00	*	*			

Southern	Califo	rnia Edis	on Mon	thly Repe	ort	Page 10 of 2	20
Facility : Order No :	Sc RS	ongs Unit 3)-2005-0006	Exa	act Sample	Point :	Point of Discharge	
Report Freq : Report For : Report Due : Waste Stream :		onthly ine 2005 ig 01, 2005 owdown Pro ow Volume V	Co An ocessing Waste)	llected By : alyzed By : Signed : Title :	So So Environm	ongs Envir Gr ongs Envir Gr WHAL	p RA er
Parameter	Units	Sample Type	Req't Type	Req't Value	Result Value	Date & Time Collected	
Total Suspended _ Solids	mg/l Ibs/day	GRAB	30-Day Avg	30 0.00	*	*	
	mg/ lbs/day	GRAB	Daily Max	100 0.00	*	*	
Grease and Oil	mg/l Ibs/day	GRAB	30-Day Avg	15 0.00	* .	*	
	mg/l Ibs/day	GRAB	Daily Max	20 0.00	*	*	

Facility : Order No :	Sor R9-	ngs Unit 3 -2005-0006	Exa	act Samp	le l	Point :	Point of Discharge			
Report Freq: Monthly Report For: June 2005 Report Due: Aug 01, 2005 Waste Stream: Polishing De System (Low Volume		nthly ne 2005 g 01, 2005 lishing Dem wy Volume V	Collected By : Analyzed By : Signed : Waste) Title : En				Songs Envir Grp Songs Envir Grp Control Environmental Engineer			
Parameter	Units	Sample Type	Req't Type	Req't Value		Result Value	Date & Time Collected			
Total Suspended	mg/l Ibs/day	GRAB	30-Day Avg	30 33.50	·	5.4 2.30	6/2/2005 01:48 am			
Solids	mg/ Ibs/day	GRAB	Daily Max	100 114.86		5.4 6.03	6/2/2005 01:48 am			
Grease	mg/l Ibs/day	GRAB	30-Day Avg	15 17.23	< <	5.0 2.13	6/2/2005 D1:48 am			
Oil	mg/l Ibs/day	GRAB	Daily Max	20 22.01	< <	5.0 5.59	6/2/2005 01:48 am			
· .		•						•	· .	

Southern	Calif	ornia Edis	son Mon	thly Re	po	rt I	Page 12 of 2	20
Facility : Order No :	:	Songs Unit 3 R9-2005-0006	Exa	act Samp	oint :	Point of Discharge		
Report Freq : Report For : Report Due : Waste Stream :		Monthly June 2005 Aug 01, 2005 Makeup Demii (Low Volume 1	Col Ana neralizer Waste)	Collected By : So Analyzed By : So Signed : C Title : Environn			ongs Envir Gr ongs Envir Gr MACCA nental Engine	p p M er
Parameter	Units	Sample Type	Req'i Type	Req't Value		Result Value	Date & Time Collected	
Total Suspended	mg/I Ibs/da	y GRAB	30-Day Avg	30 23.60		9.0 0.22	. 6/9/2005 12:25 pm	
Suspended _ Solids	mg/ Ibs/da	y GRAB	Daily Max	100 77.73		20.8 16.13	6/9/2005 12:25 pm	
Grease	mg/l Ibs/da	y GRAB	30-Day Avg	15 6 .1 4	<	5.0 0.12	6/2/2005 .03:04 pm	
and Oil	mg/i ibs/da	y GRAB	Daily Max	20 8.04	< <	5.0 2.04	6/2/2005 03:04 pm	

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Report Freq Report For Report Due Vaste Strea	: Mc : Ju : Au am: Ra (Lo	onthly ne 2005 g 01, 2005 dWaste Sys ow Volume V	Col An tem Waste)	Analyzed By : Songs Envir Grp Signed : Songs Envir Grp Title : Environmental Enginee				
Parameter	Units	Sample Type	Req't Type	Req't Value		Result Value	Date & Time Collected	
Total ⁻ Suspended _	mg/l lbs/day	GRAB	30-Day Avg	30 4.58	V V	5.0 0.11	6/10/2005 02:40 pm	
Suspended Solids	mg/ Ibs/day	GRAB	Daily Max	100 15.00	< <	5.0 0.75	6/10/2005 02:40 pm	
Grease	mg/i lbs/day	GRAB	30-Day Avg	15 2.25	<	5.0 0.11	6/10/2005 02:40 pm	·
Oìl	mg/l Ibs/day	GRAB	Dally Max	20 3.00	< <	5.0 0.75	6/10/2005 02:40 pm	

Order No: R9 Report Freq: Mo Report For: Ju Report Due: Au Waste Stream: Int Sump (Lo		Intake Structure (Low Volume Waste)Collected By : Collected By : Analyzed By : Signed : Title : Envir			Sc Sc Environm	Discharge Songs Envir Grp Songs Envir Grp Herrichter vironmentar Engineer		
Parameter	Units	Sample Type	Req't Type	Req't Value		Result Value	Date & Time Collected	
Total Suspended	mg/l Ibs/day	GRAB	30-Day Avg	_ 30 17 . 50	< <	5.0 2.92	6/18/2005 04:30 pm	
Solids	mg/ lbs/day	GRAB	Daily Max	100 58.33	< <	5.0 2.92	6/18/2005 04:30 pm	
Grease	mg/i lbs/day	GRAB	30-Day Avg	15 8.75	< <	5.0 2.92	6/18/2005 04:30 pm	
Oil	mg/l lbs/day	GRAB	Daily Max	20 11.67	< <	5.0 2.92	6/18/2005 04:30 pm	

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Southern	Califor	nia Edis	on Mon	thly Repo	ort i	Page 15 of 20			
Facility : Order No :	So R9	ngs Unit 3 -2005-0006	Exact Sample Point : Point of Discharge						
Report Freq Report For : Report Due Waste Strea	: Mo Ju : Au im : Pia (Lo	onthly ne 2005 g 01, 2005 ant Drains ow Volume V	Collected By : Songs Envir Analyzed By : Songs Envir Signed : Signed : Title : Environmental Engl				Л		
Parameter	Units	Sample Type	Req't Type	Req't Value	Result Value	Date & Time Collected	•		
Total Suspended	mg/l Ibs/day	GRAB	30-Day Avg	30 0.00	*	*	,		
Solids	mg/ Ibs/day	GRAB	Dally -Max	10D 0.00	*	*			
Grease and Oil	mg/l lbs/day	GRAB	30-Day Avg	15 0.00	*	*			
	mg/l lbs/day	GRAB	Daily Max	20 0.00	· *	*	·		

* DISCHARGED TO UNIT 2 OUTFALL

Southern	Califo	rnia Edis	son Mon	ithly Repo	ort	Page 16 of 2	D
Facility : Order No :		ongs Unit 3 9-2005-0006	Exa	act Sample	Point :	Point of Discharge	
Report Freq : Report For : Report Due : Waste Stream :		onthly ine 2005 ug 01, 2005 oncrete Cutt ow Volume Y	Co An ing Water Waste)	llected By : alyzed By : Signed : Title :	Sc Sc Environm	ongs Envir Grp ongs Envir Grp Martin Envir nental Enginée	fler
Parameter	Units	Sample Type	Req't Type	Reg't Value	Result Value	Date & Time Collected	
Total Suspended Solids	mg/l lbs/day	GRAB	30-Day Avg	30 0.00	*	*	
	mg/ Ibs/day	GRAB	Daily Max	100 0.00	*	*	
Grease and Oll	mg/l Ibs/day	GRAB	30-Day Avg	15 0.00	*	*	
	mg/l Ibs/day	GRAB	Daily Max	20 0.00	*	*	_

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Southern	n Calii	ornia Ediso	on Mor	nthly Repo	ort	Page 17 of 20)
Facility : Order No : Report Freq : Report For : Report Due : Waste Stream :		Songs Unit 3 R9-2005-0006	Ex	act Sample	Point :	Point of Discharge	
		Monthly June 2005 Aug 01, 2005 Unit 1 Radwast (Low Volume W	Cc Ar e /aste)	ollected By : alyzed By : Signed : Title :	So So Environm	ongs Envir Grp ongs Envir Grp Augustani hental Engineer	Her
Parameter	Units	Sample Type	Req't Type	Reg't Value	Result Value	Date & Time Collected	_
Total Suspended Solids	mg/ Ibs/da	l ay GRAB	30-Day Avg	30 0.00	*	•	
	mg/ Ibs/da	ay GRAB	Daily Max	100 0.00	. *	*	-
Grease and Oil	mg/ lbs/da	l ay GRAB	30-Day Avg	15 0.00	*	*	-
	mg/l lbs/da	ay GRAB	Daily Max	20 0.00	*	*	-

Southern	Califor	nia Edis	son Mon	thly Repo	ort	Page 18 of 20	
Facility : Order No :		Songs Unit 3 .Ex R9-2005-0006		act Sample	Point :	Point of Discharge	
Report Freq : Report For : Report Due : Waste Stream :		onthly ne 2005 g 01, 2005 it 1 Yards D ow Voiume 1	Col Ana Prains Waste)	lected By : alyzed By : Signed : Title :	So So Environn	ongs Envir Grp ongs Envir Grp MUUUU nental Engineer	
Parameter	Units	Sample Type	Req't Type	Req't Value	Result Value	Date & Time Collected	
Total [·] Suspended -	mg/l lbs/day	GRAB	30-Day Avg	30 0.00	*	*	-
Solids	mg/ Ibs/day	GRAB	Daily Max	100 0.00	*	*	
Grease and Oil	mg/l Ibs/day	GRAB	30-Day Avg	15 0.00	*	*	
	mg/l lbs/day	GRAB	Daily Max	20 0.00	*	*	

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Southerr	n Califo	rnia Edis	on Mon	thly Repo	ort	Page 19 of 2	20
Facility : Order No :		ongs Unit 3 9-2005-0006	Exa	act Sample	Point :	Point of Discharge	
Report Freq : Report For : Report Due : Waste Stream :		onthly une 2005 ug 01, 2005 nit 1 Dewater ow Volume V	Col Ana ring Waste)	llected By : alyzed By : Signed : Title :	Sc	ongs Envir Gru ongs Envir Gru Augusta nental Enginee	b PA er
Parameter	Units	Sample Type	Req't Type	Req't Value	Result Value	Date & Time Collected	_
Total Suspended _ Solids	mg/l lbs/day	GRAB	30-Day Avg	.30 0.00	*	*	
	mg/ Ibs/day	GRAB	Daily Max	100 0.00	*	*	
Grease and _ Oil	mg/l Ibs/day	GRAB	30-Day Avg	15 0.00	*	*	
	mg/l Ibs/day	GRAB	Daily Max	20 0.00	*	*	

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Southern California Edison Monthly Report Page 20 of 20										
Facility :		Songs Unit 3		Exact San	nple Poin	it: Point	Point of			
Order No : F		R9-2005-0	D06		-	Disch	arge			
Report Freq :		Monthly		Collected	By: g	Songs Envir	Grp			
Report Fo	or:	June 2005	•	Analyzed	By: .∧⁵	Songs Chem	nistry			
Report D	ue:	Aug 01, 20	05	Signe	ed: ₽ _c	APANLI	pALK	$) \Lambda$		
Waste St	ream:	Sewage Ti	reatment	Tit	le: Envi	onmental Engineer				
			<u>D</u>	aily Max		Monthly	Avg			
	Units	Sample Type	Date/Time of Sample	Sample Value	Req't Value	Sample Value	Req Value			
Sewage -	- Unit I					· · · · · ·				
Inf	mg/l		10:30	792.0		792.0				
T.S.S	lbs/da	y GRAB	6/8/2005	336.9	-	170.9				
EFF	mg/l	0.0.0.0	10:38	7.0	75	7.0	25			
G&0	lbs/da	y GRAB	6/8/2005	3.0	63	1.5	21			
EFF	 mg/		10:38	30.0	198.0	30	198.0			
T.S.S	lbs/da	y GRAB	6/8/2005	12.8	84.2	6.5	42.7			
Sett. Solids	ml/i	GRAB	10:38 6/8/2005	0.2	3.0	0.2	1.0			
рН ·			10:38							
	Units	GRAB	6/8/2005	6.8	6.0 - 9.0	6.8	6.0 - 9. 0	·		
Turbidity	NTU	GRAB	10:38 6/8/2005	11.3	225	11.3	75			
Sewage -	- Mesa									
Inf T.S.S	mg/l Ibs/day	y GRAB		*		*				
EFF	mg/l	•	= = = =		75		25			
G&O	lbs/day	y GRAB	·	• *	63	*	21			
EFF T.S.S	mg/l lbs/day	y GRAB		*		• *				
Sett. Solids	ml/l	GRAB		*	3.0	· *	1.0			
рН	Units	GRAB		*	6.0 - 9.0	. *	6.0 - 9.0			
Turbidity	NTU	GRAB		*	225	*	75			

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Sewage Treatment Discharged To Unit 1 Outfall *Mesa Sewage Treated at Unit 1 Sewage Treatment Plant