



SACRAMENTO MUNICIPAL UTILITY DISTRICT □ 6201 S Street, P.O. Box 15830, Sacramento CA 95852-1830, (916) 452-3211
AN ELECTRIC SYSTEM SERVING THE HEART OF CALIFORNIA

DAGM/NUC 94-017

January 13, 1994

U. S. Nuclear Regulatory Commission
Attn: Kenneth L. Perkins, Regional Administrator
Region V
1450 Maria Lane, Suite 210
Walnut Creek, CA 94596-5368

Docket No. 50-312
Rancho Seco Nuclear Station
License No. DPR-54

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
(NPDES)**

Dear Mr. Perkins:

In accordance with a condition specified in the Safety Evaluation Report for Amendment No. 45 to Facility Operating License No. DPR-54, the District is required to submit a copy of any changes to the Rancho Seco NPDES wastewater discharge permit and notice of any permit violations. Enclosed is a copy of the Rancho Seco Monthly Discharger Self Monitoring Report, which makes note of a wastewater volume discharge violation. Also enclosed is a copy of District letter DAGM/NUC 94-018, which addresses the occurrence and resolution of this excess wastewater volume situation.

Members of your staff requiring additional information or clarification may contact Mr. Richard Mannheimer at (916) 452-3211, extension 4916.

Sincerely,

for James R. Shetler
Deputy Assistant General Manager
Nuclear

cc: Document Control Desk, NRC, Washington D.C. 20555

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PDR ADOCK 05000312
R PDR

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Reporting Period **Monthly**

Discharger Self Monitoring Report

Facility **Sacramento M.U.D.**

California Regional Water Quality Control Board

Name **Rancho Seco**

Reviewed by *[Signature]* 1-6-94
Signature Date

Central Valley Region
3443 Routier Road
Sacramento, CA. 95827-3098

Facility I.D. **5A34200800**

Mailing Address **14440 Twin Cities Road
Herald, CA. 95638-9799**

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Station Description	Year/ Month		Beginning				Ending		
	Month	Day	93/12	12/1/93	12/31/93	12/1/93	12/31/93		
constituent name			supply water	Effluent	Effluent	Effluent	Effluent	Effluent	
units			pH	TDS	Susp Matter	Spec cond	Oil&Grease	pH	Temperature
sample type			number	mg/L	mg/L	µs/cm	mg/L	number	Degrees F
Frequency			Grab	Grab	Grab	Grab	Grab	Grab	Grab
			Weekly	Weekly	Weekly	Daily	Weekly	Daily	Daily
Remarks: Dennis E. Gardiner (916) 452-3211 Ext. 4362	12	1				53		7.25	53
	12	2				52		7.26	54
	12	3				54		7.35	53
	12	4							
	12	5							
	12	6		40.0	1.2	56	<5	7.61	52
	12	7				54		7.27	52
	12	8				57		7.25	52
	12	9		7.49		50		7.33	54
	12	10				42		7.63	53
	12	11							
	12	12							
	12	13		45.0	1.0	52	<5	7.25	52
	12	14				55		7.25	53
	12	15				53		7.38	52
	12	16				67		8.03	52
	12	17				51		7.45	51
	12	18							
	12	19							
	12	20		46.6	1.1	58	<5	7.31	48
	12	21				66		7.31	48
	12	22				58		7.31	48
	12	23				56		7.65	47
	12	24				56		7.57	46
	12	25							
	12	26							
	12	27		46.7	1.2	64	<5	7.27	47
	12	28				56		7.17	46
	12	29				65		7.25	46
	12	30				54		7.30	47
	12	31				61		7.45	47
Monthly Average			7.49	44.6	1.1	56		7.39	50
Monthly High			7.49	46.7	1.2	67		8.03	54
Monthly Low			7.49	40.0	1.0	42		7.17	46
No. of Readings			1	4	4	23		4	23
Requirement 1/times exceeded	sample when		30-d avg 800 / 0	30-d avg 30 / 0	No check	30-d avg 15 / 0	min 6.5 / 0	max 90 / 0	
Requirement 2/times exceeded	eff. pH exceeds		1-d max 850 / 0	1-d max 90 / 0		1-d max / 0	max 8.5 / 0		
Requirement 3/times exceeded	8.5								

Reporting Period **Monthly**

Discharger Self Monitoring Report

Facility Name **Sacramento M.U.D.
Rancho Seco**

Reviewed by: *[Signature]* **1-13-94**
Signature Date

California Regional Water Quality Control Board
Central Valley Region
3443 Routier Road
Sacramento, CA. 95827-3098

Facility I.D. **5A34200800**

Mailing Address **14440 Twin Cities Road
Herald, CA. 95638-9799**

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station Description	Year/ Month		93/12		Beginning:		12/1/93		Ending:		12/31/93	
	Month	Day	Effluent	Effluent	Dom. Sewage	Dom. Sewage	Dom. Sewage	Dom. Sewage	Dom. Sewage	Dom. Sewage	Dom. Sewage	Dom. Sewage
constituent name			Chlorine Res.	Flow	BCD 5	Susp Matter	Sett. Matter	Flow	Flow	Flow	Flow	Tot. Coliform
units			mg/L	MGD	mg/L	mg/L	mi/L	GPD	GPD	GPD	GPD	mpn/100mi
sample type			Grab	Mean&Range	Grab	Grab	Grab	monthly mean	monthly mean	monthly mean	monthly mean	Grab
Frequency			Daily	Continuous	Weekly	Weekly	Weekly	Continuous	Continuous	Continuous	Continuous	Weekly
Remarks: Dennis E. Gardiner (916) 452-3211 Ext. 4362 Note 1: See District letter DAGM/NUC 94-0018 enclosed for details.	12	1	<0.05									
	12	2	<0.05		<5	0.5		<0.1				
	12	3	<0.05									
	12	4										
	12	5										
	12	6	<0.05									<2
	12	7	<0.05									
	12	8	<0.05									
	12	9	<0.05		6	13.5		<0.1				
	12	10	<0.05									
	12	11										
	12	12										
	12	13	<0.05									<2
	12	14	<0.05									
	12	15	<0.05									
	12	16	<0.05		<5	3.8		<0.1				
	12	17	<0.05									
	12	18										
	12	19										
	12	20	<0.05									<2
	12	21	<0.05									
	12	22	<0.05		<5	1.6		<0.1				
	12	23	<0.05									
	12	24	<0.05									
	12	25										
	12	26										
	12	27	<0.05									
	12	28	<0.05									<2
	12	29	<0.05									
	12	30	<0.05		<5	2.2		<0.1				
	12	31	<0.05									
Monthly Average				11.16		4.3				14233		
Monthly High				12.33	6	13.5						
Monthly Low				10.72		0.5						
No. of Readings			23		5	5		5				4
Requirement 1/times exceeded			30-d avg 0.1 / 0	No Check	30-d avg 30 / 0	30-d avg 30 / 0	30-d avg 0.1 / 0	30-d max				30-d med 23 / 0
Requirement 2/times exceeded			1-d max 0.2 / 0		7-d avg 45 / 0	7-d avg 45 / 0	1-d max 0.5 / 0	10000 GAL / 1				1-d max 500 / 0
Requirement 3/times exceeded					1-d max 60 / 0	1-d max 60 / 0						

Reporting Period Monthly

Discharger Self Monitoring Report

Facility Name Sacramento M.U.D. Rancho Seco

Reviewed by [Signature] 1-6-94
 Signature Date

California Regional Water Quality Control Board
 Central Valley Region
 3443 Routier Road
 Sacramento, CA 95827-3098

Facility I.D. 5A34200800

Mailing Address 14440 Twin Cities Road Herald, CA. 95638-9799

Year/ Month: 93/12 Beginning: 12/1/93 Ending: 12/31/93

station Description	Rec Water R1	Rec Water R1	Rec Water R1	Rec Water R1			
constituent name	DO2	pH	Chlorine Res	Temperature			
units	mg/L	Number	mg/L	Degrees F			
sample type	Grab	Grab	Grab	Grab			
Frequency	Monthly	Monthly	Monthly	Monthly			
Remarks: Dennis E. Gardiner (916) 452-3211 Ext. 4362	Month	Day					
	12	1					
	12	2					
	12	3					
	12	4					
	12	5					
	12	6					
	12	7					
	12	8					
	12	9	10.3	7.39	<0.05	53	
	12	10					
	12	11					
	12	12					
	12	13					
	12	14					
	12	15					
	12	16					
	12	17					
	12	18					
	12	19					
	12	20					
	12	21					
	12	22					
	12	23					
	12	24					
	12	25					
	12	26					
	12	27					
	12	28					
	12	29					
	12	30					
12	31						
Monthly Average							
Monthly High							
Monthly Low							
No. of Readings	1	1	1	1			
Requirement 1/times exceeded	Min 5.0 / 0	No Check	Max 0.05 / 0	No Check			
Requirement 2/times exceeded							
Requirement 3/times exceeded							

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AN ELECTRIC SYSTEM SERVING THE HEART OF CALIFORNIA

DAGM/NUC 94-018

January 13, 1994

Chief
California Regional Water Quality Control Board
Central Valley Region
3443 Routier Road
Sacramento, CA 95827-3098

**TOTAL WASTEWATER VOLUME DISCHARGED FROM THE
RANCHO SECO SEWAGE TREATMENT FACILITY EXCEEDED
THE MONTHLY MEAN LIMIT DEFINED IN ORDER NUMBER
91-029**

Dear Mr. Crooks:

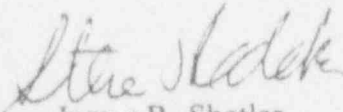
As the District reported in its December 1993, Discharger Self Monitoring Report, Rancho Seco exceeded the monthly mean total sewage treatment facility flow limit. National Pollutant Discharge Elimination System (NPDES) Permit No. CA0004758 (California Regional Water Quality Control Board (CRWQCB) Order No. 91-029) states that the 30-day average daily dry weather total discharge volume for the Rancho Seco sewage treatment facility shall not exceed 10,000 gallon per day. For the December 1993, reporting period, the 30-day average daily discharge from the Rancho Seco Overland Terrace Sewage Treatment System was 14,233 gallons per day.

This excess wastewater in the Rancho Seco sewage treatment facility resulted from a plant domestic water system leak into the plant sewage collection system. The water source for the plant domestic water system is the site well (groundwater). The increased hydraulic load did not cause the Rancho Seco sewage treatment facility to exceed any other wastewater limits (i.e., suspended and settleable matter, Biochemical Oxygen Demand, Coliform, etc.).

The District initiated efforts to locate and isolate the domestic water system leakage that is entering the Rancho Seco sewage treatment facility. Preliminary District efforts have reduced the total wastewater discharge from the Rancho Seco sewage treatment facility to below 2,000 gallons per day. The District will continue its domestic water system leak isolation efforts until this issue is resolved and the wastewater flow through the Rancho Seco sewage treatment facility is routinely maintained below the 30-day average daily discharge limit of 10,000 gallons per day.

Members of your staff requiring additional information or clarification may contact Mr. Tim Shaw at (916) 452-3211, extension 4144.

Sincerely,



James R. Shetler
SJH Deputy Assistant General Manager
Nuclear