



**SMUD**

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

NL 91-004

January 14, 1991

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555

Docket No. 50-312  
Rancho Seco Nuclear Generating Station  
License No. DPR-54  
OPERATING PLANT STATUS REPORT

Attention: Seymour Weiss

Attached is the December 1990, Monthly Operating Plant Status Report for the Rancho Seco Nuclear Generating Station. The District submits this report pursuant to Technical Specification 6.9.3.

Members of your staff with questions requiring additional information or clarification may contact Jerry Delezenski at (209) 333-2935, extension 4914.

Sincerely,

Jerry Delezenski  
Nuclear Licensing Supervisor

Attch (5)

cc w/atch: J. B. Martin, NRC, Walnut Creek  
C. Myers, NRC, Rancho Seco

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PDR ADOCK 05000312  
R PDR

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ATTACHMENT  
DECEMBER 1990

SUMMARY OF PLANT OPERATIONS

The plant has been in a defueled condition since the last of the fuel was removed from the Reactor Building and placed in the Spent Fuel Pool at approximately 1030 hours on Friday, December 8 1989.

SUMMARY OF CHANGES IN ACCORDANCE WITH 10 CFR 50.59

There were no documentation packages submitted to the Plant Review Committee which required a safety evaluation.

MAJOR SAFETY-RELATED MAINTENANCE, TESTS, AND MODIFICATIONS NOT REQUIRING A DETAILED SAFETY DETERMINATION

There were no major safety-related maintenance, tests, or modifications, requiring a safety evaluation, completed during December.

REFUELING INFORMATION REQUEST

1. Name of Facility Rancho Seco
2. Scheduled date for next refueling shutdown: \*
3. Scheduled date for restart following refueling: \*
4. Technical Specification change or other license amendment required:  
\*
5. Scheduled date(s) for submitting proposed licensing action: \*
6. Important licensing considerations associated with refueling: \*
7. Number of fuel assemblies:
  - a) In the core: 0
  - b) In the Spent Fuel Pool: 493
8. Present licensed spent fuel capacity: 1080
9. Projected date of the last refueling that can be discharged to the Spent Fuel Pool: All fuel removed from the core as of December 8, 1989.\*

\* Plant shut down June 7, 1989, following negative outcome of public vote regarding continued operation of Rancho Seco by SMUD.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-312  
 UNIT Rancho Seco  
 DATE 01/14/91  
 COMPLETED BY R. E. Jones  
 TELEPHONE (916) 452-3211

MONTH December 1990

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0
31	

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-312  
 DATE 01/14/91  
 COMPLETED BY R. E. Jones  
 TELEPHONE (916) 452-3211

OPERATING STATUS

1. Unit Name: Rancho Seco Notes:  
 2. Reporting Period: December 1990  
 3. Licensed Thermal Power (MWt): 2,772  
 4. Nameplate Rating (Gross MWe): 963  
 5. Design Electrical Rating (Net MWe): 918  
 6. Maximum Dependable Capacity (Gross MWe): 917  
 7. Maximum Dependable Capacity (Net MWe): 873  
 8. If changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: N/A  
 9. Power Level to Which Restricted, If Any (Net MWe): N/A  
 10. Reasons For Restrictions, If Any: N/A

	This month	Yr-to-Date	Cumulative
11. Hours in Reporting Period	744	8,760	137,688
12. Number of Hours Reactor Was Critical	0	0	62,221.5
13. Reactor Reserve Shutdown Hours	0	0	12,736.6
14. Hours Generator On-Line	0	0	57,811.1
15. Unit Reserve Shutdown Hours	0	0	3,647.5
16. Gross Thermal Energy Generated (MWH)	0	0	141,051,953
17. Gross Electrical Energy Generated (MWH)	0	0	46,223,924
18. Net Electrical Energy Generated (MWH)	-2,722	-36,798	44,970,405
19. Unit Service Factor	0%	0%	43.9%
20. Unit Availability Factor	0%	0%	46.6%
21. Unit Capacity Factor (Using MDC Net)	0%	0%	36.9%
22. Unit Capacity Factor (Using DER Net)	0%	0%	35.1%
23. Unit Forced Outage Rate	0%	0%	42.7%
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): *			
25. If Shut Down At End Of Report Period, Estimated Date of Startup: *			
26. Units In Test Status (Prior to Commercial Operation):		Forecast	Achieved
INITIAL CRITICALITY		<u>N/A</u>	<u>N/A</u>
INITIAL ELECTRICITY		<u>N/A</u>	<u>N/A</u>
COMMERCIAL OPERATION		<u>N/A</u>	<u>N/A</u>

\* Plant shut down June 7 following negative outcome of public vote regarding continued operation of Rancho Seco by SMUD.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-312  
 UNIT NAME Rancho Seco  
 DATE 01/14/91  
 COMPLETED BY R. E. Jones  
 TELEPHONE (916) 452-3211

REPORT MONTH December 1990

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
1	06-07-89	S	719	F	1	N/A	N/A	N/A	Plant shut down June 7, 1989 following negative outcome of public vote regarding continued operation of Rancho Seco by SMUD.

<sup>1</sup>  
 F Forced  
 S Scheduled

<sup>2</sup>  
 Reason:  
 A- Equipment Failure (Explain)  
 B- Maintenance or Test  
 C- Refueling  
 D- Regulatory Restriction  
 E- Operator Training & License Examination  
 F- Administrative  
 G- Operational Error (Explain)  
 H- Other (Explain)

<sup>3</sup>  
 Method:  
 1- Manual  
 2- Manual Scram  
 3- Automatic Scram  
 4- Other (Explain)

<sup>4</sup>  
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

<sup>5</sup>  
 Exhibit 1 - Same Source