



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 89-698

November 14, 1989

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: George Knighton

Enclosed is the October 1989 Monthly Operating Plant Status Report for the Rancho Seco Nuclear Generating Station. The District submits this report pursuant to Technical Specification 6.9.3.

Sincerely,

Steve L. Crunk
Nuclear Licensing Manager

Enc: (5)

cc w/encl: J. B. Martin, NRC, Walnut Creek
A. D'Angelo, NRC, Rancho Seco
INPO
R. Twilley, Jr.

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OCTOBER 1989

SUMMARY OF PLANT OPERATIONS

Rancho Seco remains in cold shutdown following the negative outcome of a public vote on June 6 regarding continued operation of the plant by SMUD.

SUMMARY OF CHANGES IN ACCORDANCE WITH 10 CFR 50.59

The plant staff accepted documentation packages for the procedure changes described below which required detailed safety analyses. These changes were reviewed in accordance with the Technical Specifications by the Plant Review Committee (PRC) and the Management Safety Review Committee (MSRC). There were no documentation packages completed for facility changes, tests, or experiments during October 1989.

1. Process Standards AP.165, Radiation Monitoring System, has been deleted. Limits and precautions from AP.165 have been incorporated into Operating Procedures A.65, Revision 18, Radiation Detection System - Gaseous, Iodine and Particulate; A.66, Revision 10, Radiation Detection System - Liquid; and A.67, Revision 11, Area Radiation Monitoring System. Because the limits and precautions are incorporated into the Operating Procedures, deletion of this Process Standard does not increase the probability of occurrence or the consequences of an accident or malfunction of equipment important to safety as previously evaluated in the USAR, nor is the possibility for an accident or malfunction of a different type than any evaluated previously in the USAR created. This change does not involve an Unreviewed Safety Question.
2. Rancho Seco Administrative Procedure RSAP-0101, Revision 6, Nuclear Organization Responsibilities and Authorities, revised organizational titles and rearranged area responsibilities. All safety review processes remain intact. This change does not make any physical modifications to the plant nor does it change any operating procedures. The organizational changes comply with the "administrative control" requirements of Section 6 of the Technical Specifications. This change to RSAP-0101 does not increase the probability of occurrence or the consequences of an accident or malfunction of equipment important to safety as previously evaluated in the USAR, nor is the possibility for an accident or malfunction of a different type than any evaluated previously in the USAR created. This procedure change does not involve an Unreviewed Safety Question.

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

1. The loss of off-site power test for the "B" Bruce-GM diesel generator was successfully completed. Routine maintenance was performed on the "A" decay heat system and the "A" TDI diesel generator, and snubbers were inspected. Maintenance was performed on the fuel transfer carriage. Testing of the fuel handling equipment continues. The reactor vessel head was detensioned.
2. DCP R89-0088, Revision 0, replaced the damaged Reactor Building purge outlet isolation valve motor with an environmentally qualified motor. The new motor does not have a Dings Brake but modifications were made to the operator gear ratio to allow proper operation of the valve.

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: 177
 - b) In the Spent Fuel Pool: 316
8. Present licensed spent fuel capacity: 1080
9. Projected date of the last refueling that can be discharged to the Spent Fuel Pool: December 3, 2001

* Plant shut down June 7 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 10/31/89
 COMPLETED BY Marla Mueller
 TELEPHONE (916) 452-3211

MONTH October 1989

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>	17	<u>0</u>
2	<u>0</u>	18	<u>0</u>
3	<u>0</u>	19	<u>0</u>
4	<u>0</u>	20	<u>0</u>
5	<u>0</u>	21	<u>0</u>
6	<u>0</u>	22	<u>0</u>
7	<u>0</u>	23	<u>0</u>
8	<u>0</u>	24	<u>0</u>
9	<u>0</u>	25	<u>0</u>
10	<u>0</u>	26	<u>0</u>
11	<u>0</u>	27	<u>0</u>
12	<u>0</u>	28	<u>0</u>
13	<u>0</u>	29	<u>0</u>
14	<u>0</u>	30	<u>0</u>
15	<u>0</u>	31	<u>0</u>
16	<u>0</u>		

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 10/31/89
 COMPLETED BY Marla Mueller
 TELEPHONE (916) 452-3211

OPERATING STATUS

1. Unit Name: Rancho Seco Notes:
 2. Reporting Period: October 1989
 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	7,295	127,463
12. Number of Hours Reactor Was Critical	0	2,355.7	62,221.5
13. Reactor Reserve Shutdown Hours	0	2,436.4	12,736.6
14. Hours Generator On-Line	0	2,217.6	57,811.1
15. Unit Reserve Shutdown Hours	0	2,437.3	3,647.5
16. Gross Thermal Energy Generated (MWH)	0	4,623,125	141,951,953
17. Gross Electrical Energy Generated (MWH)	0	1,575,699	46,223,924
18. Net Electrical Energy Generated (MWH)	-4,001	1,422,554	42,466,437
19. Unit Service Factor	0%	30.4%	45.4%
20. Unit Availability Factor	0%	63.8%	48.2%
21. Unit Capacity Factor (Using MDC Net)	0%	22.3%	38.2%
22. Unit Capacity Factor (Using DER Net)	0%	21.2%	36.3%
23. Unit Forced Outage Rate	0%*	40.7%*	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>

* Corrections for September: 0% (Month); 40.7% (Year); 42.7% (Cumulative)
 (Reflecting scheduled outage hours rather than forced)

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH October 1989

DOCKET NO. 50-312
 UNIT NAME Rancho Seco
 DATE 10-31-89
 COMPLETED BY M. Mueller
 TELEPHONE (916) 452-3211

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
20	06-07-89	S	744	F	1	N/A	N/A	N/A	Plant shut down June 7 following negative outcome of public vote regarding continued operation of Rancho Seco by SMUD.

- ¹
 F Forced
 S Scheduled

- ² 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)

- ³ Method:
 1- Manual
 2- Manual Scram
 3- Automatic Scram
 4- Other (Explain)

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

- ⁵ Exhibit 1 - Same Source