

OPERATING DATA REPORT

DOCKET NO. 50-312
 DATE 80-07-31
 COMPLETED BY R. W. Colombo
 TELEPHONE 916-452-3211

OPERATING STATUS

1. Unit Name: Rancho Seco Unit 1
2. Reporting Period: July, 1980
3. Licensed Thermal Power (MWT): 2772
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

Notes

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	<u>744</u>	<u>5,111</u>	<u>46,368</u>
12. Number Of Hours Reactor Was Critical	<u>744</u>	<u>2,258</u>	<u>28,331.5</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>3,975.1</u>
14. Hours Generator On-Line	<u>744</u>	<u>2,173.6</u>	<u>27,114.9</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>1,210.2</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,959,394</u>	<u>5,546,616</u>	<u>68,580,314</u>
17. Gross Electrical Energy Generated (MWH)	<u>656,506</u>	<u>1,853,132</u>	<u>23,137,668</u>
18. Net Electrical Energy Generated (MWH)	<u>623,855</u>	<u>1,747,798</u>	<u>21,858,687</u>
19. Unit Service Factor	<u>100</u>	<u>42.5</u>	<u>58.5</u>
20. Unit Availability Factor	<u>100</u>	<u>42.5</u>	<u>61.1</u>
21. Unit Capacity Factor (Using MDC Net)	<u>96.1</u>	<u>39.2</u>	<u>54.0</u>
22. Unit Capacity Factor (Using DER Net)	<u>91.3</u>	<u>37.3</u>	<u>51.4</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>3.6</u>	<u>30.4</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
N/A

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____

	Forecast	Achieved
INITIAL CRITICALITY	<u>N/A</u>	<u>N/A</u>
INITIAL ELECTRICITY	<u>"</u>	<u>"</u>
COMMERCIAL OPERATION	<u>"</u>	<u>"</u>

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-312

UNIT Rancho Seco Unit 1

DATE 80-07-31

COMPLETED BY R. W. Colombo

TELEPHONE 916-452-3211

MONTH July 1980

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	848
2	866
3	872
4	875
5	875
6	875
7	822
8	873
9	874
10	867
11	866
12	870
13	869
14	862
15	863
16	861

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	862
18	863
19	864
20	862
21	858
22	859
23	548
24	847
25	843
26	851
27	859
28	861
29	857
30	859
31	860

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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: July 1980

DOCKET NO. 50-312
 UNIT NAME Rancho Seco Unit 1
 DATE 80-07-31
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 TELEPHONE _____

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
6	80-07-22	F	20.8	A	1	N/A	IIC	HTEXCH	Tube leak in main condenser.

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 I - Same Source