

January 1983

SUMMARY OF PLANT OPERATIONS

From January 1 through January 4, reactor power was slowly increased until it reached 90% full power. Reactor power was maintained at this level (with 1B/2B feedwater heaters out of service) until January 14, at which time coastdown (for refueling outage) began.

At the rate of approximately 5% reduction in power each Friday, by January 31, 1983, the reactor power was at 73%.

PERSONNEL CHANGES REQUIRING REPORT

No personnel changes that require reporting in accordance with Technical Specifications Figure 6.2-2 were made in January, 1983.

SUMMARY OF CHANGES IN ACCORDANCE WITH 10 CFR 50.59 (b)

Ten (10) changes were completed in January. They were:

- 1) PLS-036, the letdown orifice manual bypass, was removed and the line capped. The valve was removed due to gross erosion damage to the valve internals, caused by throttled operation.

The safe operation of the facility is not affected, since the orifice and remotely operated control valve provide the necessary letdown flow.

- 2) through 10) - Rancho Seco Emergency Plan, Sections 1 through 3 and Sections 4 through 10:

Section 1, Rev. 15: Complete rewrite made section more comprehensive and added list of commonly used acronyms.

Section 2, Rev. 15: Removed unrelated tables which were redundant to materials in procedures or referenced documents.

Section 3, Rev. 15: Brought section into conformance with procedures changed since last revision.

Section 5, Rev. 15: Brought plan into conformance with procedure changes, staff title changes, and emergency organizational changes.

Section 6, Rev. 15: Brought plan into conformance with procedure changes identified by drills, exercises, and surveillance.

Section 7, Rev. 15: Describes changes in Control Room, TSC, PAP/OSC, and EOF and their relationships to each other and equipment supplied in each.

Section 8, Rev. 15: Brought this portion of plan into conformance with procedures that have been changed due to drills, exercises, and surveillance

Section 9, Rev. 15: Brought into compliance with NUREG 0654 criteria.

Section 10, Rev. 15: Developed new section to be placed before references.

MAJOR ITEMS OF SAFETY RELATED MAINTENANCE

Rerouted piping to Fire Hose Station #16 to facilitate installation of equipment for Post Accident Sampling System.

REFUELING INFORMATION REQUEST

1. Name of Facility: Rancho Seco Unit 1
2. Scheduled date for next refueling shutdown: February 1983
3. Scheduled date for restart following refueling: August 1983
4. Technical Specification change or other license amendment required:
 - a) Change to Rod Index vs. Power Level Curve (TS 3.5.2)
 - b) Change to Core Imbalance vs. Power Level Curve (TS 3.5.2)
 - c) Tilt Limits (TS 3.5.2)
5. Scheduled date(s) for submitting proposed licensing action: December 1982
6. Important licensing considerations associated with refueling: None
7. Number of fuel assemblies:
 - a) In the core: 177
 - b) In the Spent Fuel Pool: 196
8. Present licensed spent fuel capacity: 579
9. Projected date of the last refueling that can be discharged to the Spent Fuel Pool: 1987

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-312

UNIT Rancho Seco Unit 1

DATE January 1983

COMPLETED BY R. Colombo

TELEPHONE (916)452-3211

MONTH January 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	555
2	555
3	692
4	832
5	840
6	837
7	841
8	839
9	834
10	840
11	836
12	836
13	835
14	780
15	792
16	789

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	785
18	746
19	760
20	760
21	765
22	757
23	757
24	757
25	757
26	735
27	725
28	718
29	723
30	712
31	697

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 83-01-31
 COMPLETED BY R. Colombo
 TELEPHONE (916) 452-3211

OPERATING STATUS

1. Unit Name: Rancho Seco Unit 1
2. Reporting Period: January 1983
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
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes
 PLEASE CHANGE THE
 UTILITY CONTRACT TO:

RON COLOMBO
 PHONE: (916) 452-3211

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	744	68,305
12. Number Of Hours Reactor Was Critical	744	744	40,787.4
13. Reactor Reserve Shutdown Hours	0	0	9,313.8
14. Hours Generator On-Line	744	744	39,169.6
15. Unit Reserve Shutdown Hours	0	0	1,210.2
16. Gross Thermal Energy Generated (MWH)	1,678,678	1,678,678	98,431,311
17. Gross Electrical Energy Generated (MWH)	565,301	565,301	32,914,174
18. Net Electrical Energy Generated (MWH)	534,520	534,520	31,054,545
19. Unit Service Factor	100%	100%	57.3%
20. Unit Availability Factor	100%	100%	59.1%
21. Unit Capacity Factor (Using MDC Net)	82.3%	82.3%	52.1%
22. Unit Capacity Factor (Using DER Net)	78.3%	78.3%	49.5%
23. Unit Forced Outage Rate	0	0	29.5%

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling and TMI Modifications - February 1983 - 6 Months

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	N/A	N/A
INITIAL ELECTRICITY	N/A	N/A
COMMERCIAL OPERATION	N/A	N/A

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-312
 UNIT NAME Rancho Seco Unit 1
 DATE 83-01-31
 COMPLETED BY R. Colombo
 TELEPHONE (916)452-3211

REPORT MONTH January 1983

No.	D:	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
NO OUTAGES OR SIGNIFICANT POWER REDUCTION (GREATER THAN 20% REDUCTION IN AVERAGE DAILY POWER LEVEL FOR THE PRECEDING 24 HOURS) THIS MONTH.									

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Retuefing
 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