SUMMARY OF PLANT OPERATIONS

2-01		Reactor at 37% full power and increasing power.
	0057	rminated power increase at 38% full power due to loss of auto control on main feed pump Bailey controllers.
	0715	Started increasing power.
	0914	Unit at 100% full power.
2-05	0655	"B" main feed pump trip. Plant ran back to approximately 75% full power.
	0736	Started increasing power.
	1251	Unit at 100% full power.
2-17	0010	Reducing power at request of load dispatcher.
	0230	Unit at 60% full power.
	0430	Increasing power at request of load dispatcher.
	1749	Unit at 100% full power.
	2200	Reducing power at request of load dispatcher.
	2338	Unit at 60% full power at request of load dispatcher.
2-18	1600	Unit at 58% full power at request of load dispatcher.
2-28	2359	Unit at 57% full power at request of load dispatcher.

PERSONNEL CHANGES REQUIRING REPORTING

No personnel changes that require reporting in accordance with Technical Specifications Figure 6.2-2 were made in February, 1982.

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

No changes in accordance with 10 CFR 50.59(b) were made during the month of February, 1982.

MAJOR ITEMS OF SAFETY RELATED MAINTENANCE

1. Cleaned and lubricated trip mechanism of "A" a-c CRD breaker.
2. Replaced corroded bonnet bolts on Demineralized Reactor Coolant Storage Tank.
3. Placed RPS Channel C Pressure Test Module in test and checked input vs. computer output.
4. Changed out oil in "B" HPI pump auxiliary lube oil pump.
5. Repaired "B" Decay Heat Suction line anchors.
6. Repaired SFAS logic test module.
7. Replaced pressure guage on electrical penetration #50.

The following items were too late to include in the January Report:

8. Repaired snubber 1SW-23823 on Seal Injection and Makeup System.
9. Repaired snubber 1SW-10' on Reactor Coolant System.

MAJOR ITEMS OF SAFETY RELATED MAINTENANCE (Continued)

10. Repaired snubber 1SW-21028 on Reactor Coolant System.

11. Repaired snubber 1SW-21007-7 on Seal Injection and Makeup System.

12. Repaired snubber 1SW-21025-9 on Reactor Coolant System.

REFUELING INFORMATION REQUEST

1. Name of Facility: Rancho Seco Unit 1

2. Scheduled date for next refueling shutdown: September 1982

3. Scheduled date for restart following refueling: March 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: July 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

OPERATING DATA REPORT

DOCKET NO. 50-312
DATE 82-02-28
COMPLETED BY R. Colombo
TELEPHONE (916) 452-3211

OPERATING STATUS

1. Unit Name: Rancho Seco Unit 1
2. Reporting Period: February 1982
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	672	1,416	60,217
12. Number Of Hours Reactor Was Critical	672	1,408.6	36,645.2
13. Reactor Reserve Shutdown Hours	Ø	Ø	6,458.6
14. Hours Generator On-Line	672	1,360.7	35,131.1
15. Unit Reserve Shutdown Hours	Ø	Ø	1,210.2
16. Gross Thermal Energy Generated (MWH)	1,537,034	3,412,455	89,307,567
17. Gross Electrical Energy Generated (MWH)	517,517	1,145,400	29,906,829
18. Net Electrical Energy Generated (MWH)	488,606	1,083,693	28,246,810
19. Unit Service Factor	100%	96.0%	58.3%
20. Unit Availability Factor	100%	96.0%	60.4%
21. Unit Capacity Factor (Using MDC Net)	83.3%	87.7%	53.7%
22. Unit Capacity Factor (Using DER Net)	79.2%	83.4%	51.1%
23. Unit Forced Outage Rate	Ø%	1.0%	30.2%

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: N/A

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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-312
UNIT Rancho Seco Unit 1
DATE 82-02-28
COMPLETED BY R. Colombo
TELEPHONE (916) 452-3211

MONTH February 1982

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	824	17	759
2	898	18	507
3	896	19	511
4	898	20	508
5	869	21	505
6	901	22	508
7	902	23	509
8	899	24	507
9	898	25	510
10	899	26	509
11	901	27	506
12	900	28	505
13	899	29	
14	895	30	
15	894	31	
16	845		

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.

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February 1982

DOCKET NO. 50-312
UNIT NAME Rancho Seco Unit 1
DATE 82-02-28
COMPLETED BY R. Colombo
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
4	82-02-01	F	0	A	4	N/A	IF	INSTRU	Loss of auto control on main feed pump Bailey Controllers. Automatic runback power reduction.
5	82-02-05	F	0	A	4	N/A	CH	PUMPXX	"B" Main Feed Pump trip. Automatic runback power reduction.
6	82-02-16	S	0	F	1	N/A	ZZ	ZZZZZZ	Load dispatcher requested power cutback.

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

(9/77)