



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 90-448

October 15, 1990

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

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

Attention: Seymour Weiss

Enclosed is the September 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 needing clarification or additional information, please contact J. Delezenski at (209) 333-2935, extension 4914.

Sincerely,

Jerry Delezenski

(5)

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

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9010310072 900930
PDR ADOCK 05000448
R PNU

IERA
11

SEPTEMBER 1990

SUMMARY OF PLANT OPERATIONS

The plant has been in a defueled condition since the last of the fuel was removed 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

Listed below are changes made in accordance with 10 CFR 50.59. The changes described below required a detailed safety determination but did not involve an unreviewed safety question. These changes were reviewed in accordance with the Plant's Technical Specifications by the Plant Review Committee (PRC).

1. Emergency Plan Change No.4 accepted. The change to the Emergency Plan involved a change from offsite dose assessment to dose assessment and Seismic and Meteorological Monitoring information to be obtained from offsite sources. The safety determination concluded that the change did not increase the probability of occurrence or consequences of an accident of or equipment malfunction. There is not a possibility for an accident of a different type or a reduction in the margins of safety. Therefore, changes to the emergency plan do not involve an unreviewed safety question. Implementation of Change No. 4 pending NRC approval.
2. SP.919 "Monthly Borated Water Storage Tank Boron Analysis Documentation," reviewed and accepted for inactivation of the procedure. Per AGM/NUC 90-109 identifying systems applicable in the defueled condition, SP.919 was inactivated thereby discontinuing boron analysis results for the BWST. The safety determination concluded that the change did not increase the probability of occurrence or consequences of an accident of or equipment malfunction. There is not a possibility for an accident of a different type or a reduction in the margins of safety. Therefore, inactivation of SP.919 does not involve an unreviewed safety question.

bcr

w/atch

w/o atch

<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>	General Manager	MS 41
<input checked="" type="checkbox"/>	<input type="checkbox"/>	AGM, Nuclear	MS 257
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deputy AGM, Nuclear	MS 252
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Supervisor, Nuclear Licensing	MS 250
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Manager, Technical Services	MS 259
<input type="checkbox"/>	<input type="checkbox"/>	Manager, Maintenance	MS 253
<input type="checkbox"/>	<input type="checkbox"/>	Nuclear Operations Manager	MS 255
<input type="checkbox"/>	<input type="checkbox"/>	Manager, Quality & Safety	MS 254
<input type="checkbox"/>	<input type="checkbox"/>	Manager, Support Services	MS 258
<input type="checkbox"/>	<input type="checkbox"/>	Nuclear Human Resources Manager	MS 209
<input type="checkbox"/>	<input type="checkbox"/>	Manager, Safety & Risk Mgmt.	MS 76
<input checked="" type="checkbox"/>	<input type="checkbox"/>	PRC/MSRC Coordinator (R. Colombo)	MS 256
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Public Information	MS 141
<input type="checkbox"/>	<input type="checkbox"/>	LER Files	MS 250
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Licensing Correspondence Tracking	MS 250
<input checked="" type="checkbox"/>	<input type="checkbox"/>	RIC Files 1A.200	MS 216
<input type="checkbox"/>	<input type="checkbox"/>	Special Report Files	MS 250
<input type="checkbox"/>	<input type="checkbox"/>	Tech. Spec./PA Files	MS 250
<input type="checkbox"/>	<input type="checkbox"/>	NOV/NOD Files	MS 250
<input type="checkbox"/>	<input type="checkbox"/>	Licensing Verification	MS 250
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Legal	MS 42
<input checked="" type="checkbox"/>	<input type="checkbox"/>	T. Baxter	
<input type="checkbox"/>	<input type="checkbox"/>	T. Fairburn (B&W)	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	G. Samide (ANI)	
<input type="checkbox"/>	<input type="checkbox"/>	NUMARC	
<input type="checkbox"/>	<input type="checkbox"/>	Shoreham	
<input type="checkbox"/>	<input type="checkbox"/>	Ft. St. Vrain	

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 10/15/90

COMPLETED BY R. E. Nagel

TELEPHONE (916) 452-3211

MONTH October 1990

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>
16	<u>0</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<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 10/15/90
 COMPLETED BY R. E. Nagel
 TELEPHONE (916) 452-3211

OPERATING STATUS

1. Unit Name: Rancho Seco Notes:
 2. Reporting Period: October 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	<u>720</u>	<u>6,550</u>	<u>134,014</u>
12. Number of Hours Reactor Was Critical	<u>0</u>	<u>0</u>	<u>62,221.5</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>12,736.6</u>
14. Hours Generator On-Line	<u>0</u>	<u>0</u>	<u>57,811.1</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>3,647.5</u>
16. Gross Thermal Energy Generated (MWH)	<u>0</u>	<u>0</u>	<u>141,951,953</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>0</u>	<u>46,223,924</u>
18. Net Electrical Energy Generated (MWH)	<u>-2,294</u>	<u>-29,182</u>	<u>42,446,587</u>
19. Unit Service Factor	<u>0%</u>	<u>0%</u>	<u>43.9%</u>
20. Unit Availability Factor	<u>0%</u>	<u>0%</u>	<u>46.6%</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0%</u>	<u>0%</u>	<u>36.9%</u>
22. Unit Capacity Factor (Using DER Net)	<u>0%</u>	<u>0%</u>	<u>35.1%</u>
23. Unit Forced Outage Rate	<u>0%</u>	<u>0%</u>	<u>42.7%</u>
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

REPORT MONTH October 1990

DOCKET NO. 50-312
 UNIT NAME Rancho Seco
 DATE 10/15/90
 COMPLETED BY R. E. Nagel
 TELEPHONE (915) 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
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.

- 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

RANCHO SECO CORRESPONDENCE
CHECK SHEET

TO BE SENT VIA:

Regular Mail _____ Overnight Courier _____ Telecopy _____ Hand Deliver _____

Letter No.: _____ Comments Due By: _____ Final Agency Due Date: _____

Responsible Individual: _____ /Ext. _____ Licensing Supervisor: J. Delezenski /Ext. 4914

Licensing Contact: _____ /Ext. _____

Regulatory Agency: US NRC

Title or Subject: _____

Summary: _____

Commitment(s) in this letter: _____

Commitment(s) Assigned To: _____ Due Date: _____

_____ Due Date: _____

Commitment Number(s): _____

Final Letter Concurrence with Dates:

Licensing/Record Summary:

Name	Discipline/Department	Review Required	Initial	Date
Licensing	Editor, Nuclear Licensing	X		
J. Delezenski	Supervisor, Nuclear Licensing	X		
P. Bender	Manager, Quality & Safety	X		
P. Turner	Manager, Technical Services			
D. Brock	Manager, Maintenance			
C. Linkhart	Manager, Support Services			
Legal		X		
J. Shetler	Deputy AGM, Nuclear			
D. Keuter	AGM, Nuclear (last)			

Licensing Correspondence Closeout Summary:

Final Proofreading By: _____ Date: _____

Original & CC Distributed By: _____ Date: _____

BCC Distributed By: _____ Date: _____

Mailed To: _____ Via: _____ Completed By: _____ Date: _____