

# NRC MONTHLY OPERATING REPORT

DOCKET NO. 50-528  
UNIT NAME PVNGS-1  
DATE 6/10/85  
COMPLETED BY M. P. Richardson  
TELEPHONE 602-932-5300  
Ext. 6593

## OPERATING STATUS

1. Unit Name: Palo Verde Nuclear Generating Station, Unit 1
2. Reporting Period: May 1985
3. Licensed Thermal Power (MWt): 3800
4. Nameplate Rating (Gross MWe): 1304
5. Design Electrical Rating (Net MWe): 1270
6. Maximum Dependable Capacity (Gross MWe): To be determined
7. Maximum Dependable Capacity (Net MWe): To be determined
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): 190 MWt (0 MWe)
10. Reasons For Restrictions, If Any: Low Power Operating License  
\_\_\_\_\_  
\_\_\_\_\_

|  | This Month | Yr.-to-Date | Cumulative |
|--|------------|-------------|------------|
| 11. Hours In Reporting Period  | 744        | 3624        | 3624       |
| 12. Number Of Hours Reactor Was Critical   | 166        | 166         | 166        |
| 13. Reactor Reserve Shutdown Hours   | 0          | 0           | 0          |
| 14. Hours Generator On-Line  | 0          | 0           | 0          |
| 15. Unit Reserve Shutdown Hours  | 0          | 0           | 0          |
| 16. Gross Thermal Energy Generated (MWH)   | 288        | 288         | 288        |
| 17. Gross Electrical Energy Generated (MWH)  | 0          | 0           | 0          |
| 18. Net Electrical Energy Generated (MWH)  | 0          | 0           | 0          |
| 19. Unit Service Factor  | N/A        | N/A         | N/A        |
| 20. Unit Availability Factor   | N/A        | N/A         | N/A        |
| 21. Unit Capacity Factor (Using MDC Net)   | N/A        | N/A         | N/A        |
| 22. Unit Capacity Factor (Using DER Net)   | N/A        | N/A         | N/A        |
| 23. Unit Forced Outage Rate  | N/A        | N/A         | N/A        |
| 24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): _____ |            |             |            |

25. If Shutdown At End Of Report Period, Estimated Date of Startup: \_\_\_\_\_  
\_\_\_\_\_ N/A \_\_\_\_\_

26. Units In Test Status (Prior To Commercial Operation):

|                      | Forecast | Achieved |
|----------------------|----------|----------|
| INITIAL CRITICALITY  | 5/85     | 5/25/85  |
| INITIAL ELECTRICITY  | 6/85     | N/A      |
| COMMERCIAL OPERATION | 11/85    | N/A      |

AVERAGE DAILY UNIT POWER LEVEL

IE 24  
11

DOCKET NO. 50-528

UNIT PVNGS-1

DATE 6/10/85

COMPLETED BY M.P. Richardson

TELEPHONE 602-932-5300

Ext. 6593

MONTH: May 1985

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

|    |   |
|----|---|
| 1  | 0 |
| 2  | 0 |
| 3  | 0 |
| 4  | 0 |
| 5  | 0 |
| 6  | 0 |
| 7  | 0 |
| 8  | 0 |
| 9  | 0 |
| 10 | 0 |
| 11 | 0 |
| 12 | 0 |
| 13 | 0 |
| 14 | 0 |
| 15 | 0 |
| 16 | 0 |

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

|    |   |
|----|---|
| 17 | 0 |
| 18 | 0 |
| 19 | 0 |
| 20 | 0 |
| 21 | 0 |
| 22 | 0 |
| 23 | 0 |
| 24 | 0 |
| 25 | 0 |
| 26 | 0 |
| 27 | 0 |
| 28 | 0 |
| 29 | 0 |
| 30 | 0 |
| 31 | 0 |

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO. 50-528

UNIT PVNGS-1

DATE 6/10/85

COMPLETED BY M.P. Richardson

TELEPHONE 602-932-5300

Ext. 6593

- 5/2 - Lifted Main Steam safety valve on SG #2. SG #2 pressure indication read 1200 psi.
- 5/4 - Indication of possible lift on primary safety valve RCE-PSV202.
- 5/6 - Supported special test done on primary safety RCE-PSV202 - lift functioned satisfactorily and valve reset perfect.
- 5/7 - CEDM testing.
- 5/10 - Supported and completed RCS Heat Loss Test - at completion of RCS Heat Loss Test, main steam line safeties were retested.
- 5/14 - CEA testing completed.
- 5/15 - Commenced plant shutdown for short term outage to replace 2 primary safety valves.
- 5/16 - 0743 - Entered Mode 4.
- 5/16 - 1327 - Entered Mode 5.
- 5/18 - Replacement of safety valves for steam generator #2 is complete.
- 5/19 - Performed ASME Section XI test on Main Feedwater isolation valves satisfactorily. Completed replacement of 2 primary safety valves.
- 5/20 - 1901 - Entered Mode 4.
- 5/20 - CEA Testing performed.
- 5/23 - 0341 - Entered Mode 3.
- 5/23 - 1345 - Entered Mode 4.
- 5/24 - 2047 - Commenced dilution to criticality.
- 5/24 - 2259 - Entered Mode 2.
- 5/25 - 0145 - Unit I Critical.

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-528  
 UNIT NAME PVNGS-1  
 DATE 6/10/85  
 COMPLETED BY M.P. Richardson  
 TELEPHONE 932-5300  
Ext. 6593

| No. | Date | Type | Duration<br>(Hours) | Reason | Method of<br>Shutting<br>Down<br>Reactor | LER<br>No. | System<br>Code | Component<br>Code | Cause & Corrective<br>Action to<br>Prevent Recurrence |
|-----|------|------|---------------------|--------|--|------------|----------------|-------------------|---|
|-----|------|------|---------------------|--------|--|------------|----------------|-------------------|---|

NONE

- |                                       |  |  |   |
|---------------------------------------|--|--|---|
| <p>1<br/>F-Forced<br/>S-Scheduled</p> | <p>2<br/>Reason:<br/>A-Equipment Failure (Explain)<br/>B-Maintenance or Test<br/>C-Refueling<br/>D-Regulatory Restriction<br/>E-Operator Training &amp; License Examination<br/>F-Administrative<br/>G-Operational Error (Explain)<br/>H-Other (Explain)</p> | <p>3<br/>Method:<br/>1-Manual<br/>2-Manual Scram.<br/>3-Automatic Scram.<br/>4-Continuation from<br/>Previous Month<br/>5-Reduction of 20%<br/>or Greater in the<br/>Past 24 Hours<br/>6-Other (Explain)</p> | <p>4<br/>Exhibit F - Instructions<br/>for Preparation of Data<br/>Entry Sheets for Licensee<br/>Event Report (LER) file<br/>(NUREG 0161)</p> <p>5<br/>Exhibit H-Same Source</p> |
|---------------------------------------|--|--|---|

2940u

REFUELING INFORMATION

DOCKET NO. 50-528

UNIT PVNGS-1

DATE 6/10/85

COMPLETED BY M.P. Richardson

TELEPHONE 602-932-5300

Ext. 6593

1. Scheduled date for next refueling shutdown.

10/01/87

2. Scheduled date for restart following refueling.

11/19/87

3. Will refueling or resumption of operation thereafter require a Technical Specification change or other license amendment?

Not Yet Determined

What will these be?

Not Yet Determined

4. Scheduled date for submitting proposed licensing action and supporting information.

Not Yet Determined

5. Important Licensing considerations associated with refueling, e.g. new or different fuel design or supplier, unreviewed design or performance analysis methods, significant changes in fuel design, new operating procedures.

Not Yet Determined

6. The number of fuel assemblies.

a) In the core. 241

b) In the spent fuel storage pool. 0

7. Licensed spent fuel storage capacity. 1329

Intended change in spent fuel storage capacity. None

8. Projected date of last refueling that can be discharged to spent fuel storage pool assuming present capacity.

2002 (w/annual reloads and full core discharge capability).



## Arizona Nuclear Power Project

P.O. BOX 52034 • PHOENIX, ARIZONA 85072-2034

Learned W. Barry, Director  
Office of Resource Management  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

ANPP-32829-EEVB/GEC  
June 14, 1985

Subject: Palo Verde Nuclear Generating Station (PVNGS)  
Unit 1  
Docket No. STN 50-528, License No. NPF-34  
May Monthly Operating Report  
File: 85-056-026; G.1.01.10

Dear Mr. Barry:

Attached please find the May, 1985 Monthly Operating Report prepared and submitted pursuant to Specification 6.9.1.6 of Appendix A (Technical Specifications) to the Palo Verde Nuclear Generating Station, Unit 1 Operating License. By copy of this letter we are also forwarding a copy of the Monthly Operating Report to the Regional Administrator of the Region V Office.

If you have any questions or concerns, please contact me.

Very truly yours,

E. E. Van Brunt, Jr.  
Executive Vice President  
Project Director

EEVBJr/GEC/bg  
Attachments

|                  |     |
|------------------|-----|
| cc: J. B. Martin | w/a |
| R. P. Zimmerman  | w/a |
| E. A. Licitra    | w/a |
| A. C. Gehr       | w/a |

IE24  
111

