



A subsidiary of Pinnacle West Capital Corporation

Palo Verde Nuclear
Generating Station

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June 15, 2004
035-00724-DMS

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Dear Sirs:

**Subject: Palo Verde Nuclear Generating Station (PVNGS)
Units 1, 2, and 3
Docket Nos. STN 50-528/529/530
Monthly Operating Reports for MAY 2004**

Enclosed are the Monthly Operating Reports for MAY 2004, prepared and submitted pursuant to Specification 5.6.4 of Appendix A, (Technical Specifications) to the PVNGS Units 1, 2, and 3 Operating Licenses.

By copy of this letter, Arizona Public Service Company is also forwarding the Monthly Operating Reports to the Regional Administrator, NRC Region IV and the NRC Resident Inspector.

If you have any questions, please contact Don Vogt at (623) 393-5926.

Sincerely,

DMS/ap

Enclosures: MAY 2004 Monthly Operating Reports

cc: (all w/enclosures)
Dr. Bruce S. Mallett - Regional Administrator, NRC Region IV
PVNGS Resident Inspector
INPO Records Center
Utility Data Institute

JE24

OPERATING DATA REPORT

DOCKET NO. 50-528
UNIT NAME Palo Verde 1
DATE June 15, 2004
COMPLETED BY Don Vogt
TELEPHONE (623) 393-5926

REPORTING PERIOD: May 2004

1. Design Electrical Rating	<u>1,265.00</u>		
2. Maximum Dependable Capacity (MWe-Net)	<u>1,243.00</u>		
	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>
3. Number of Hours the Reactor was Critical	<u>538.87</u>	<u>2,681.17</u>	<u>125,463.09</u>
4. Number of Hours Generator On-line	<u>512.27</u>	<u>2,639.77</u>	<u>124,028.80</u>
5. Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
6. Net Electrical Energy Generated (MWHrs)	<u>555,237.45</u>	<u>3,190,764.49</u>	<u>149,446,454.83</u>

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause & Corrective Action Comments
04-02	04/03/2004	S	231.73	C	4	Shutdown for scheduled refueling outage R11.

SUMMARY: Unit began month in mode 6 with R11 refueling outage in progress. The RX was taken critical on 05/08. During low power physics testing a CEA control problem was discovered and the RX was manually taken subcritical via a manual RX trip. The RX was taken critical again on 05/09. Power was increased and the unit entered Mode 1 at 1026 on 05/10/04 and was synchronized to the grid at 1544. The power ascension to full power was completed on 05/14/04 and the unit ended the month at full power.

1

Reason:

- A Equipment Failure (Explain)
- B Maintenance or Test
- C Refueling
- D Regulatory Restriction
- E Operator Training & License Examination
- F Administration
- G Operational Error (Explain)
- H Other (Explain)

2

Method:

- 1 Manual
- 2 Manual Trip/Scram
- 3 Automatic Trip/Scram
- 4 Continuation
- 5 Other (Explain)

OPERATING DATA REPORT

DOCKET NO. 50-529
UNIT NAME Palo Verde 2
DATE June 15, 2004
COMPLETED BY Don Vogt
TELEPHONE (623) 393-5926

REPORTING PERIOD: May 2004

1. Design Electrical Rating	<u>1,354.00</u>			
2. Maximum Dependable Capacity (MWe-Net)	<u>1,335.00</u>			
	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>	
3. Number of Hours the Reactor was Critical	<u>744.00</u>	<u>3,215.46</u>	<u>124,004.72</u>	
4. Number of Hours Generator On-line	<u>744.00</u>	<u>3,204.05</u>	<u>122,593.57</u>	
5. Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	
6. Net Electrical Energy Generated (MWHrs)	<u>1,006,867.86</u>	<u>4,293,806.11</u>	<u>149,681,898.98</u>	

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause & Corrective Action Comments

SUMMARY: The Design Electrical Rating (DER) and the Maximum Dependable Capacity (MDC) reflect the power uprate performed in 2003. These are interim values. Official values approved by station owners will be determined after testing is completed at the end of the 3rd quarter (late summer) There were no downpowers or outages during the month.

1

Reason:

- A Equipment Failure (Explain)
- B Maintenance or Test
- C Refueling
- D Regulatory Restriction
- E Operator Training & License Examination
- F Administration
- G Operational Error (Explain)
- H Other (Explain)

2

Method:

- 1 Manual
- 2 Manual Trip/Scram
- 3 Automatic Trip/Scram
- 4 Continuation
- 5 Other (Explain)

OPERATING DATA REPORT

DOCKET NO. 50-530
UNIT NAME Palo Verde 3
DATE June 15, 2004
COMPLETED BY Don Vogt
TELEPHONE (623) 393-5926

REPORTING PERIOD: May 2004

1. Design Electrical Rating	1,269.00			
2. Maximum Dependable Capacity (MWe-Net)	1,247.00			
	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>	
3. Number of Hours the Reactor was Critical	744.00	3,451.03	121,414.33	
4. Number of Hours Generator On-line	744.00	3,438.31	120,349.68	
5. Reserve Shutdown Hours	0.00	0.00	0.00	
6. Net Electrical Energy Generated (MWHrs)	908,169.34	4,310,827.06	147,372,695.08	

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause & Corrective Action Comments
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SUMMARY: Unit began month at full power. The unit downpowered to 40% on 05/11/04 to repair a circulating water leak on C/D Loop air vent. Repairs were completed and on 05/13 and the unit reached full power on 05/14. The unit ended the month at full power.

1

Reason:

- A Equipment Failure (Explain)
- B Maintenance or Test
- C Refueling
- D Regulatory Restriction
- E Operator Training & License Examination
- F Administration
- G Operational Error (Explain)
- H Other (Explain)

2

Method:

- 1 Manual
- 2 Manual Trip/Scram
- 3 Automatic Trip/Scram
- 4 Continuation
- 5 Other (Explain)