



A subsidiary of Pinnacle West Capital Corporation

Palo Verde Nuclear
Generating Station

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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 JUNE 2004**

Enclosed are the Monthly Operating Reports for JUNE 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,

Terry L. Riddle for DMS.

DMS/ap

Enclosures: JUNE 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 July 13, 2004
COMPLETED BY Don Vogt
TELEPHONE (623) 393-5926

REPORTING PERIOD: June 2004

1. Design Electrical Rating	1,265.00		
2. Maximum Dependable Capacity (MWe-Net)	1,243.00		
	<u>This Month</u>	<u>Yr-to-Date</u>	<u>Cumulative</u>
3. Number of Hours the Reactor was Critical	629.13	3,310.30	126,092.22
4. Number of Hours Generator On-line	614.90	3,254.67	124,643.70
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical Energy Generated (MWHrs)	707,813.71	3,898,578.20	150,154,268.54

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause & Corrective Action Comments
04-03	06/14/2004	F	105.10	A	3	RX trip due to loss of off site power caused by major grid disturbance.

SUMMARY: Unit began month at full power. On 6/14 an automatic RX trip occurred due to a major grid disturbance causing a loss of off-site power. The RX was taken critical on 06/18 and synchronized to the grid at 15:13. On 6/20 RX power reached 100%. Condensate pump B tripped on 6/21 resulting in reactor power cutback to 60% power. Power ascension back to full power commenced on 6/21 and the unit reached full power on 6/23. 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 July 13, 2004
COMPLETED BY Don Vogt
TELEPHONE (623) 393-5926

REPORTING PERIOD: June 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>608.52</u>	<u>3,823.98</u>	<u>124,613.24</u>
4.	Number of Hours Generator On-line	<u>593.43</u>	<u>3,797.48</u>	<u>123,187.00</u>
5.	Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
6.	Net Electrical Energy Generated (MWHrs)	<u>756,066.88</u>	<u>5,049,872.99</u>	<u>150,437,965.86</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	06/14/2004	F	126.57	A	3	RX trip due to loss of off site power caused by major grid disturbance.

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). Unit began month at full power. On 6/14 an automatic RX trip occurred due to a major grid disturbance causing a loss of off-site power. The RX was taken critical on 06/18 and synchronized to the grid at 2310. On 6/20 RX power reached 100%. 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. 50-530
UNIT NAME Palo Verde 3
DATE July 13, 2004
COMPLETED BY Don Vogt
TELEPHONE (623) 393-5926

REPORTING PERIOD: June 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	533.00	3,984.03	121,947.33
4. Number of Hours Generator On-line	463.52	3,901.83	120,813.20
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical Energy Generated (MWHrs)	511,233.59	4,822,060.65	147,883,928.67

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause & Corrective Action Comments
04-02	06/07/2004	F	101.63	A	3	Automatic RX trip on low DNBR after turbine control system anomaly.
04-03	06/14/2004	F	154.85	A	3	RX trip due to loss of off site power caused by major grid disturbance.

SUMMARY: Unit began month at full power. An automatic RX trip on low DNBR occurred on 6/07 due to a turbine control system anomaly. The RX was taken critical on 6/09 and the unit was synchronized on 6/11 after extensive turbine control system troubleshooting. Full power was achieved on 6/13. On 6/14 an automatic RX trip occurred due to a major grid disturbance causing a loss of off-site power. The RX was taken critical on 06/19 and synchronized to the grid on 06/20 at 1832. On 6/21 RX power reached 100%. 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)