



A subsidiary of Pinnacle West Capital Corporation

Palo Verde Nuclear
Generating Station

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January 13, 2005
035-00732-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 DECEMBER 2004**

Enclosed are the Monthly Operating Reports for DECEMBER 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: DECEMBER 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

IE24

OPERATING DATA REPORT

DOCKET NO. 50-529
UNIT NAME Palo Verde 2
DATE January 13, 2005
COMPLETED BY Don Vogt
TELEPHONE 623-393-5926

REPORTING PERIOD: December 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>8,180.41</u>	<u>128,969.67</u>	
4. Number of Hours Generator On-line	<u>744.00</u>	<u>8,140.28</u>	<u>127,529.80</u>	
5. Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	
6. Net Electrical Energy Generated (MWHrs)	<u>977,287.05</u>	<u>10,662,059.29</u>	<u>156,050,152.16</u>	

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: New official MDC and DER capacity ratings of 1314 MW and 1336 MW, respectively, were adopted by the station owners in November 2004 to be effective on 12/01/2004. The December NRC-Monthly Operating report does not reflect these updated values because they had not been updated in the CDE database by the date of the report. There were no significant power changes and no outages this month. The unit began the month in Mode 1 with RX power at full power and ended the month in Mode 1 with the RX power 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 January 13, 2005
COMPLETED BY Don Vogt
TELEPHONE 623-393-5926

REPORTING PERIOD: December 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	627.13	6,843.18	124,806.48	
4. Number of Hours Generator On-line	597.37	6,731.22	123,642.59	
5. Reserve Shutdown Hours	0.00	0.00	0.00	
6. Net Electrical Energy Generated (MWHrs)	646,257.77	8,223,317.41	151,285,185.43	

UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause & Corrective Action Comments
04-04	10/02/2004	S	146.63	C	4	Manually tripped the RX for U3R11

SUMMARY: The unit began the month in Mode 5 (R11 outage) reworking safety injection valve gaskets. Recommended plant start-up on the 1st and entered Mode 4 and Mode 3 the same day. Plant start-up was delayed on the 2nd to resolve a CEA control problem and again on the 4th to resolve a safety injection tank vent valve problem. The unit entered Mode 2 and went critical on the 5th and entered Mode 1 on the 6th. On December 7th the unit was synchronized to the grid and commenced power ascension. Power ascension was suspended on 10th to resolve a heater drain pump problem. RX power was reduced from 69% to 60% to reduce heater drain tank flow to the condenser and returned back to 69% on the 11th to complete the power ascension. Full power was achieved on the 12th. The unit ended the month in Mode 1 with the RX at full power.

1

Reason:

- A Equipment Failure (Explain)
- B Maintenance or Test
- C Refuelling
- 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. 50-528
UNIT NAME Palo Verde 1
DATE January 13, 2005
COMPLETED BY Don Vogt
TELEPHONE 623-393-5926

REPORTING PERIOD: December 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>744.00</u>	<u>7,726.30</u>	<u>130,508.22</u>	
4. Number of Hours Generator On-line	<u>744.00</u>	<u>7,670.67</u>	<u>129,059.70</u>	
5. Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	
6. Net Electrical Energy Generated (MWHrs)	<u>896,341.65</u>	<u>9,235,796.94</u>	<u>155,491,487.28</u>	

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: The unit began the month in Mode 1 with the RX power at full power. Plant power was reduced to 91% on the 6th to remove condensate pump C from service to repair a pipe leak. The unit was returned to full power on the 7th. Plant power was reduced on the 16th to 40% after an inverter problem resulted in a loss of the plant computer. The unit was returned to full power on the 17th and ended the month in Mode 1 with the RX power 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)