



Palo Verde Nuclear  
Generating Station

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January 14, 2004  
035-00717-DMS

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Mail Station P1-37  
Washington, DC 20555

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 2003**

Enclosed are the Monthly Operating Reports for DECEMBER 2003, 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 2003 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** January 14, 2004  
**COMPLETED BY** Don Vogt  
**TELEPHONE** (623) 393-5926

**REPORTING PERIOD:** December 2003

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>8,620.72</u>	<u>122,781.92</u>	
4. Number of Hours Generator On-line	<u>744.00</u>	<u>8,605.63</u>	<u>121,389.03</u>	
5. Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	
6. Net Electrical Energy Generated (MWHrs)	<u>933,399.75</u>	<u>10,587,106.34</u>	<u>146,255,690.34</u>	

### UNIT SHUTDOWNS

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

**SUMMARY:**

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** January 14, 2004  
**COMPLETED BY** Don Vogt  
**TELEPHONE** (623) 393-5926

**REPORTING PERIOD:** December 2003

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>
3. Number of Hours the Reactor was Critical	<u>461.87</u>	<u>6,877.76</u>
4. Number of Hours Generator On-line	<u>407.28</u>	<u>6,809.92</u>
5. Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>
6. Net Electrical Energy Generated (MWHrs)	<u>412,119.45</u>	<u>8,444,411.87</u>
		<u>Cumulative</u>
		<u>120,789.26</u>
		<u>119,389.52</u>
		<u>0.00</u>
		<u>145,388,092.87</u>

### UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause & Corrective Action Comments
03-02	09/27/2003	S	329.32	C	4	U2R11
03-03	12/14/2003	S	6.93	C	5	U2R11 High main turbine vibrate on initial power-up.
03-04	12/15/2003	S	0.47	C	5	U2R11 Main turbine overspeed trip test

SUMMARY: Unit was uprated during the last refueling outage. Design Electrical Rating and Maximum Dependable Capacity have been tentatively increased by 92 MW. Final capacity values will be determined in the near future and updated in the January 2004 report.

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 14, 2004  
**COMPLETED BY** Don Vogt  
**TELEPHONE** (623) 393-5926

**REPORTING PERIOD:** December 2003

1. Design Electrical Rating	<u>1,269.00</u>			
2. Maximum Dependable Capacity (MWe-Net)	<u>1,247.00</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>7,779.60</u>	<u>117,963.30</u>	
4. Number of Hours Generator On-line	<u>744.00</u>	<u>7,715.47</u>	<u>116,911.37</u>	
5. Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	
6. Net Electrical Energy Generated (MWHrs)	<u>946,310.55</u>	<u>9,554,709.02</u>	<u>143,061,868.02</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:**

**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)