



A subsidiary of Pinnacle West Capital Corporation

Palo Verde Nuclear  
Generating Station

**David M. Smith**  
Plant Manager  
Nuclear Production

Tel. 623-393-6116  
Fax. 623-393-6077  
e-mail: DSMITH10@apsc.com

Mail Station 7602  
P.O. Box 52034  
Phoenix, AZ 85072-2034

October 13, 2004  
035-00728-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 SEPTEMBER 2004**

Enclosed are the Monthly Operating Reports for SEPTEMBER 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: SEPTEMBER 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.** 50-528  
**UNIT NAME** Palo Verde 1  
**DATE** October 13, 2004  
**COMPLETED BY** Don Vogt  
**TELEPHONE** (623) 393-5926

**REPORTING PERIOD:** September 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>720.00</u>	<u>5,518.30</u>	<u>128,300.22</u>
4.	Number of Hours Generator On-line	<u>720.00</u>	<u>5,462.67</u>	<u>126,851.70</u>
5.	Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
6.	Net Electrical Energy Generated (MWHrs)	<u>868,984.07</u>	<u>6,568,486.76</u>	<u>152,824,177.10</u>

### UNIT SHUTDOWNS

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

SUMMARY: Began month in Mode 1. RX power at full power. Ended month in Mode 1. 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.** 50-529  
**UNIT NAME** Palo Verde 2  
**DATE** October 13, 2004  
**COMPLETED BY** Don Vogt  
**TELEPHONE** (623) 393-5926

**REPORTING PERIOD:** September 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>720.00</u>	<u>5,972.41</u>	<u>126,761.67</u>
4. Number of Hours Generator On-line	<u>720.00</u>	<u>5,932.28</u>	<u>125,321.80</u>
5. Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
6. Net Electrical Energy Generated (MWHrs)	<u>932,071.68</u>	<u>7,774,542.48</u>	<u>153,162,635.35</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) Began month in Mode 1, RX power at full power. Ended month in Mode 1. 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** October 13, 2004  
**COMPLETED BY** Don Vogt  
**TELEPHONE** (623) 393-5926

**REPORTING PERIOD:** September 2004

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>720.00</u>	<u>6,192.03</u>	<u>124,155.33</u>	
4. Number of Hours Generator On-line	<u>720.00</u>	<u>6,109.83</u>	<u>123,021.20</u>	
5. Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	
6. Net Electrical Energy Generated (MWHrs)	<u>890,474.27</u>	<u>7,551,382.26</u>	<u>150,613,250.28</u>	

### UNIT SHUTDOWNS

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

SUMMARY: Began month in Mode 1. RX power at full power. Ended month in Mode 1. 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)