



*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

December 14, 2004  
035-00730-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 NOVEMBER 2004**

Enclosed are the Monthly Operating Reports for NOVEMBER 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: NOVEMBER 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 December 10, 2004  
COMPLETED BY Don Vogt  
TELEPHONE 623-393-5926

REPORTING PERIOD: November 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	720.00	6,982.30	129,764.22
4. Number of Hours Generator On-line	720.00	6,926.67	128,315.70
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical Energy Generated (MWHrs)	872,605.18	8,339,455.29	154,595,145.63

## 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: 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** December 10, 2004  
**COMPLETED BY** Don Vogt  
**TELEPHONE** 623-393-5926

**REPORTING PERIOD:** November 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>7,436.41</u>	<u>128,225.67</u>
4. Number of Hours Generator On-line	<u>720.00</u>	<u>7,396.28</u>	<u>126,785.80</u>
5. Reserve Shutdown Hours	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>
6. Net Electrical Energy Generated (MWHrs)	<u>941,308.52</u>	<u>9,684,772.24</u>	<u>155,072,865.11</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 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 effective on 12/01/04. 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 December 10, 2004  
COMPLETED BY Don Vogt  
TELEPHONE 623-393-5926

REPORTING PERIOD: November 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>
3. Number of Hours the Reactor was Critical	0.00	6,216.05	124,179.35
4. Number of Hours Generator On-line	0.00	6,133.85	123,045.22
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical Energy Generated (MWHrs)	0.00	7,577,059.64	150,638,927.66

## 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	720.00	C	4	Manually tripped the RX for U3R11

SUMMARY: Began month with RX defueled. Entered Mode 6 on 11/12/04 at 0918. Entered Mode 5 on 11/19/04 at 0210. Entered Mode 4 on 11/23/04 at 0516 and entered Mode 3 at 1655. Discovered an anomaly with the safety injection check valves gaskets on 11/24/04 and decided to cool the plant to Mode 5 for rework. Entered Mode 4 on 11/24/04 at 1646 and entered Mode 5 at 2130. Ended month in Mode 5.

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)