



Palo Verde Nuclear  
Generating Station

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035-00680-WEI/SMM  
January 11, 2002

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 2001**

Enclosed are the Monthly Operating Reports for DECEMBER 2001, 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 Sue Meyer at (602) 250-3078.

Sincerely,

WEI/SMM/cj

Enclosures: DECEMBER 2001 Monthly Operating Reports

cc: E. W. Merschoff (all w/enclosures)  
J. H. Moorman  
INPO Records Center  
Utility Data Institute

IE24

## NRC MONTHLY OPERATING DATA REPORT

DOCKET NO.: 50-528  
 UNIT NAME: PVNGS-1  
 DATE: 01/11/02  
 COMPLETED BY: S. M. Marie-Meyer  
 TELEPHONE: (602) 250-3078

Reporting Period: December 2001

1. Design Electrical Rating (Net MWe): 1265
2. Maximum Dependable Capacity (Net MWe): 1243

|    | Unit 1 Generating Statistics          | This Month | Yr. to Date | Cumulative  |
|----|---------------------------------------|------------|-------------|-------------|
| 3. | Hours Reactor was Critical            | 744.0      | 7,739.0     | 106,231.1   |
| 4. | Hours Generator was On-Line           | 744.0      | 7,712.0     | 104,887.6   |
| 5. | Unit Reserve Shutdown Hours           | 0.0        | 0.0         | 0.0         |
| 6. | Net Electrical Energy Generated (MWh) | 917,071    | 9,559,578   | 125,963,558 |

### UNIT SHUTDOWNS

| No. | Date | Type <sup>1</sup> | Outage<br>Duration<br>Hours | Reason <sup>2</sup> | Method of<br>Shutting Down<br>Reactor <sup>3</sup> | Cause and Corrective Action<br>to Prevent Occurrence |
|-----|------|-------------------|-----------------------------|---------------------|--|--|
|-----|------|-------------------|-----------------------------|---------------------|--|--|

No reactor shutdowns occurred during the month of December 2001.

<sup>1</sup>F-Forced  
S-Scheduled

<sup>2</sup>Reason:  
 A-Equipment Failure (Explain)  
 B-Maintenance or Test  
 C-Refueling  
 D-Regulatory Restriction  
 E-Operator Training / License Examination  
 F-Administrative  
 G-Operational Error (Explain)  
 H-Other (Explain)

<sup>3</sup>Method:  
 1-Manual  
 2-Manual Trip / Scram  
 3-Automatic Trip / Scram  
 4-Continuation  
 5-Other-(Explain)

SUMMARY: \_\_\_\_\_

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## NRC MONTHLY OPERATING DATA REPORT

DOCKET NO.: 50-529  
 UNIT NAME: PVNGS-2  
 DATE: 01/11/02  
 COMPLETED BY: S. M. Marie-Meyer  
 TELEPHONE: (602) 250-3078

Reporting Period: December 2001

1. Design Electrical Rating (Net MWe): 1265
2. Maximum Dependable Capacity (Net MWe): 1243

|    | Unit 2 Generating Statistics          | This Month | Yr. To Date | Cumulative  |
|----|---------------------------------------|------------|-------------|-------------|
| 3. | Hours Reactor was Critical            | 744.0      | 8,027.3     | 105,901.5   |
| 4. | Hours Generator was On-Line           | 744.0      | 8,003.4     | 104,598.0   |
| 5. | Unit Reserve Shutdown Hours           | 0.0        | 0.0         | 0.0         |
| 6. | Net Electrical Energy Generated (MWh) | 950,620    | 10,083,517  | 126,924,511 |

### UNIT SHUTDOWNS

| No. | Date | Type <sup>1</sup> | Outage<br>Duration<br>Hours | Reason <sup>2</sup> | Method of<br>Shutting Down<br>Reactor <sup>3</sup> | Cause and Corrective Action<br>to Prevent Occurrence |
|-----|------|-------------------|-----------------------------|---------------------|--|--|
|-----|------|-------------------|-----------------------------|---------------------|--|--|

No reactor shutdowns occurred during the month of December 2001.

<sup>1</sup>F-Forced  
S-Scheduled

<sup>2</sup>Reason:  
 A-Equipment Failure (Explain)  
 B-Maintenance or Test  
 C-Refueling  
 D-Regulatory Restriction  
 E-Operator Training / License Examination  
 F-Administrative  
 G-Operational Error (Explain)  
 H-Other (Explain)

<sup>3</sup>Method:  
 1-Manual  
 2-Manual Trip / Scram  
 3-Automatic Trip / Scram  
 4-Continuation  
 5-Other-(Explain)

SUMMARY: \_\_\_\_\_

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## NRC MONTHLY OPERATING DATA REPORT

DOCKET NO.: 50-530  
 UNIT NAME: PVNGS-3  
 DATE: 01/11/02  
 COMPLETED BY: S. M. Marie-Meyer  
 TELEPHONE: (602) 250-3078

Reporting Period: December 2001

1. Design Electrical Rating (Net MWe): 1269
2. Maximum Dependable Capacity (Net MWe): 1247

|    | Unit 3 Generating Statistics          | This Month | Yr. to Date | Cumulative  |
|----|---------------------------------------|------------|-------------|-------------|
| 3. | Hours Reactor was Critical            | 744.0      | 7,526.6     | 101,423.7   |
| 4. | Hours Generator was On-Line           | 734.2      | 7,441.2     | 100,435.9   |
| 5. | Unit Reserve Shutdown Hours           | 0.0        | 0.0         | 0.0         |
| 6. | Net Electrical Energy Generated (MWh) | 918,643    | 9,170,388   | 122,369,450 |

### UNIT SHUTDOWNS

| No.   | Date | Type <sup>1</sup> | Outage Duration Hours | Reason <sup>2</sup> | Method of Shutting Down Reactor <sup>3</sup> | Cause and Corrective Action to Prevent Occurrence     |
|-------|------|-------------------|-----------------------|---------------------|--|---|
| 01-04 | 12/1 | S                 | 9.8                   | B                   | 1  | Main Turbine was tripped for LP turbine balance shot. |

<sup>1</sup>F-Forced  
S-Scheduled

<sup>2</sup>Reason:  
 A-Equipment Failure (Explain)  
 B-Maintenance or Test  
 C-Refueling  
 D-Regulatory Restriction  
 E-Operator Training / License Examination  
 F-Administrative  
 G-Operational Error (Explain)  
 H-Other (Explain)

<sup>3</sup>Method:  
 1-Manual  
 2-Manual Trip / Scram  
 3-Automatic Trip / Scram  
 4-Continuation  
 5-Other-(Explain)

SUMMARY: \_\_\_\_\_  
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