



A subsidiary of Pinnacle West Capital Corporation

David M. Smith  
Operations Director  
Palo Verde Nuclear  
Generating Station

Tel. 602-393-2656  
Fax 602-393-1806  
e-mail:  
[David\\_M\\_Smith@apsc.com](mailto:David_M_Smith@apsc.com)

Mail Station 7294  
PO Box 52034  
Phoenix, Arizona 85072-2034

January 14, 2003  
219-02832-DMS/SMM

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 2002**

Enclosed are the Monthly Operating Reports for DECEMBER 2002, prepared and submitted pursuant to Specification 5.6.4 of Appendix A, (Technical Specifications) to the PVNGS Units 1, 2, and 3 Operating Licenses.

Also included, is a corrected page for Unit 1 November Report.

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,

DMS/SMM/cj

Enclosures: DECEMBER 2002 Monthly Operating Reports

cc: E. W. Merschoff (all w/enclosures)  
PVNGS Resident Inspector  
INPO Records Center  
Utility Data Institute

IE24

Page Two  
NRC Monthly Operating Report  
Distribution List  
219-02832-DMS/SMM  
January 14, 2003

bcc:	J. E. Orsborn	(3146) (all w/enclosures)
	G. R. Overbeck	(7602)
	File Copy	(7602)
	C. D. Mauldin	(7605)
	D. M. Smith	(7294)
	M. K. Banks	(7615)
	C. R. Emmett	(7615)
	D. G. Marks	(7636)
	C. K. Seaman	(7636)
	D. L. Sills	(7565)
	B. J. Hansen	(7693)
	M. Van Dop	(7512)
	J. Simpkins	(7512)
	GADS Copy	(8983)
	J. M. Levine	(9046)
	W. L. Stewart	(9082)
	J. E. McDonald	(8508)
	S. M. Foote	(8508)

## NRC MONTHLY OPERATING DATA REPORT

DOCKET NO.: 50-528  
 UNIT NAME: PVNGS-1  
 DATE: 01/09/03  
 COMPLETED BY: S. M Meyer  
 TELEPHONE: (602) 250-3078

Reporting Period: December 2002

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	7,930.1	114,161.2
4.	Hours Generator was On-Line	744.0	7,895.8	112,783.4
5.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
6.	Net Electrical Energy Generated (MWh)	913,944	9,705,026	135,668,584

### 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
-----	------	-------------------	-----------------------	---------------------	--	---

No reactor shutdowns occurred during the month of December 2002.

<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: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## NRC MONTHLY OPERATING DATA REPORT

DOCKET NO.: 50-529  
 UNIT NAME: PVNGS-2  
 DATE: 01/09/03  
 COMPLETED BY: S. M. Meyer  
 TELEPHONE: (602) 250-3078

Reporting Period: December 2002

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.	<b>Hours Reactor was Critical</b>	744.0	8,010.0	113,911.5
4.	<b>Hours Generator was On-Line</b>	744.0	7,981.6	112,579.6
5.	<b>Unit Reserve Shutdown Hours</b>	0.0	0.0	0.0
6.	<b>Net Electrical Energy Generated (MWh)</b>	947,035	10,019,170	136,943,681

### 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
-----	------	-------------------	-----------------------------	---------------------	--	--

No reactor shutdowns occurred during the month of December 2002.

<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: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## NRC MONTHLY OPERATING DATA REPORT

DOCKET NO.: 50-530  
 UNIT NAME: PVNGS-3  
 DATE: 01/09/03  
 COMPLETED BY: S. M. Meyer  
 TELEPHONE: (602) 250-3078

Reporting Period: December 2002

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.	<b>Hours Reactor was Critical</b>	744.0	8,760.0	110,183.7
4.	<b>Hours Generator was On-Line</b>	744.0	8,760.0	109,195.9
5.	<b>Unit Reserve Shutdown Hours</b>	0.0	0.0	0.0
6.	<b>Net Electrical Energy Generated (MWh)</b>	951,564	11,137,709	133,507,159

### 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
No reactor shutdowns occurred during the month of December 2002.						

<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: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**NRC MONTHLY OPERATING DATA REPORT  
REVISED**

DOCKET NO.: 50-528  
 UNIT NAME: PVNGS-1  
 DATE: 01/14/03  
 COMPLETED BY: S. M. Meyer  
 TELEPHONE: (602) 250-3078

Reporting Period: November 2002

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	682.1	7,186.1	113,417.2
4.	Hours Generator was On-Line	666.0	7,151.8	112,039.4
5.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
6.	Net Electrical Energy Generated (MWh)	673,574	8,791,082	134,754,640

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
02-02	10/31	F	29.6	F	1	RX was manually shutdown/tripped due to elevated SG#2 sulfate levels. Returned to power on 11/01
02-03	11/10	F	42.8	A	3	While downpowering for an outage (to repair vibrations on SIA-UV-651), Unit 1 experienced an unplanned, automatic scram due to a component failure in the Reactor Control system. Returned to power on 11/12.

<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: Original November '02 MOR for Unit 1 incorrectly identified the 11/10/02 Unit shutdown as a "manual" trip. Cause of the automatic trip / scram addressed by CRDR 2566870. Cause of the incorrect NRC-MOR addressed by CRDR 2574980.

---



---