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Palo Verde Nuclear  
Generating Station

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035-000524-GRO/JDF  
December 9, 1998

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 NOVEMBER 1998**

Enclosed are the Monthly Operating Reports for November 1998, prepared and submitted pursuant to Specification 6.9.1.6 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.

If you have any questions, please contact Judy Fulton at (602) 250-3549.

Sincerely,

GRO/JDF/cj

Enclosures: NOVEMBER 1998 Monthly Operating Reports

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

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# NRC MONTHLY OPERATING DATA REPORT

DOCKET NO.: 50-528  
 UNIT NAME: PVNGS-1  
 DATE: 12/8/98  
 COMPLETED BY: J. D. Fulton  
 TELEPHONE: (602) 250-3549

Reporting Period: November 1998

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	720.0	7,128.9	81,125.2
4.	Hours Generator was On-Line	720.0	7,075.5	79,886.6
5.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
6.	Net Electrical Energy Generated (MWh)	894,747	8,649,280	94,852,548

## 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
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No reactor shutdowns occurred during the month of November 1998.

<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: 12/8/98  
 COMPLETED BY: J. D. Fulton  
 TELEPHONE: (602) 250-3549

Reporting Period: November 1998

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	720.0	8,016.0	81,441.7
4.	Hours Generator was On-Line	720.0	8,016.0	80,248.8
5.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
6.	Net Electrical Energy Generated (MWh)	915,131	10,138,699	96,568,258

## 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
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No reactor shutdowns occurred during the month of November 1998.

<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: 12/8/98  
 COMPLETED BY: J. D. Fulton  
 TELEPHONE: (602) 250-3549

Reporting Period: November 1998

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	682.8	7,125.9	76,451.6
4.	Hours Generator was On-Line	676.4	7,092.1	75,591.7
5.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
6.	Net Electrical Energy Generated (MWh)	833,179	8,662,737	91,415,708

## 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
98-02	11/06/98	S	43.6	B	2	Unit was taken off line for maintenance and repairs to RCP 1B oil lift pump. Unit returned to service on 11/08/98.

<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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