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 AUTH.NAME AUTHOR AFFILIATION  
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 HAYNES,J.G. Arizona Nuclear Power Project (formerly Arizona Public Serv R  
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SUBJECT: Monthly operating repts for Nov 1988 for Palo Verde Nuclear  
 Generating Station,Units 1,2 & 3.W/881215 ltr.

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## Arizona Nuclear Power Project

P.O. BOX 52034 • PHOENIX, ARIZONA 85072-2034

254-00052-JGH/SGB  
December 15, 1988

Docket Nos. STN 50-528/529/530

Document Control Desk  
U. S. Nuclear Regulatory Commission  
Mail Station PL-137  
Washington, D.C. 20555

Dear Sirs:

Subject: Palo Verde Nuclear Generating Station (PVNGS)  
Units 1, 2 and 3  
Monthly Operating Reports for November 1988  
File: 88-024-404/88-056-026

Attached are the Monthly Operating Reports for November 1988 prepared and submitted pursuant to Specification 6.9.1.6 of Appendix A (Technical Specifications) to the Palo Verde Nuclear Generating Station, Units 1, 2 and 3 Operating Licenses. By copy of this letter, we are also forwarding a copy of the Monthly Operating Reports to the Regional Administrator of the Region V Office.

If you have any questions, please contact Mr. S. G. Borst, at (602) 371-4092.

Very truly yours,

J. G. Haynes  
Vice President  
Nuclear Production

JGH/SGB/dlm  
Attachments

cc: E. E. Van Brunt, Jr. (all w/attachments)  
D. B. Karner  
J. A. Amenta  
A. C. Gehr  
M. J. Davis  
J. B. Martin  
T. J. Polich  
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11



# NRC MONTHLY OPERATING REPORT

DOCKET NO.	<u>50-528</u>
UNIT NAME	<u>PVNGS-1</u>
DATE	<u>12/09/88</u>
COMPLETED BY	<u>S. G. Borst</u>
TELEPHONE	<u>(602) 371-4092</u>

## OPERATING STATUS

1. Unit Name: Palo Verde Nuclear Generating Station, Unit 1
2. Reporting Period: November 1988
3. Licensed Thermal Power (MWt): 3800
4. Nameplate Rating (Gross MWe): 1403
5. Design Electrical Rating (Net MWe): 1270
6. Maximum Dependable Capacity (Gross MWe): 1303
7. Maximum Dependable Capacity (Net MWe): 1221
8. If Changes Occur In Capacity Ratings (Items Number 3 Through 7)  
Since Last Report, Give Reasons: N/A

9. Power Level to Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr.-to-Date	Cumulative
11. Hours in Reporting Period	<u>720.0</u>	<u>8,040.0</u>	<u>24,912.0</u>
12. Number of Hours Reactor Was Critical	<u>720.0</u>	<u>5,018.9</u>	<u>14,996.1</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
14. Hours Generator On-Line	<u>720.0</u>	<u>4,843.8</u>	<u>14,560.9</u>
15. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,708,768.0</u>	<u>17,543,643.0</u>	<u>52,576,480.0</u>
17. Gross Electrical Energy Generated (MWH)	<u>951,000.0</u>	<u>6,110,800.0</u>	<u>18,254,100.0</u>
18. Net Electrical Energy Generated (MWH)	<u>902,636.0</u>	<u>5,743,476.0</u>	<u>17,071,401.0</u>
19. Unit Service Factor	<u>100.0%</u>	<u>60.2%</u>	<u>58.4%</u>
20. Unit Availability Factor	<u>100.0%</u>	<u>60.2%</u>	<u>58.4%</u>
21. Unit Capacity Factor (Using MDC Net)	<u>102.7%</u>	<u>58.5%</u>	<u>56.1%</u>
22. Unit Capacity Factor (Using DER Net)	<u>98.7%</u>	<u>56.2%</u>	<u>54.0%</u>
23. Unit Forced Outage Rate	<u>0.0%</u>	<u>35.7%</u>	<u>28.4%</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Refueling Outage - 03/21/89 - 70 Days</u>			
25. If Shutdown At End of Report Period, Estimated Date of Startup: <u>N/A</u>			

INITIAL CRITICALITY  
INITIAL ELECTRICITY  
COMMERCIAL OPERATION

Forecast	Achieved
<u>05/85</u>	<u>05/25/85</u>
<u>06/85</u>	<u>06/10/85</u>
<u>11/85</u>	<u>01/28/86</u>

0409A/2264A

8812190278 881130  
PDR ADOCK 05000528  
R PDC

TE24 1/1



# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-528  
 UNIT NAME PVNGS-1  
 DATE 12/09/88  
 COMPLETED BY S. G. Borst  
 TELEPHONE (602) 371-4092

MONTH: NOVEMBER 1988

DAY	AVERAGE DAILY POWER LEVEL
1	<u>1.256</u>
2	<u>1.255</u>
3	<u>1.257</u>
4	<u>1.214</u>
5	<u>1.091</u>
6	<u>1.249</u>
7	<u>1.259</u>
8	<u>1.254</u>
9	<u>1.255</u>
10	<u>1.258</u>
11	<u>1.259</u>
12	<u>1.262</u>
13	<u>1.261</u>
14	<u>1.259</u>
15	<u>1.263</u>
16	<u>1.263</u>

DAY	AVERAGE DAILY POWER LEVEL
17	<u>1.264</u>
18	<u>1.264</u>
19	<u>1.266</u>
20	<u>1.267</u>
21	<u>1.267</u>
22	<u>1.266</u>
23	<u>1.265</u>
24	<u>1.265</u>
25	<u>1.265</u>
26	<u>1.264</u>
27	<u>1.265</u>
28	<u>1.264</u>
29	<u>1.260</u>
30	<u>1.256</u>



# REFUELING INFORMATION

DOCKET NO.	<u>50-528</u>
UNIT NAME	<u>PVNGS-1</u>
DATE	<u>12/09/88</u>
COMPLETED BY	<u>S. G. Borst</u>
TELEPHONE	<u>(602) 371-4092</u>

1. Scheduled date for next refueling shutdown.

03/21/89

2. Scheduled date for restart following refueling.

05/29/89

3. Will refueling or resumption of operation thereafter require a Technical Specification change or other license amendment?

Yes, as a minimum it will include the following: 3/4 1.3.6, 3/4 2.3, 3/4 2.4.

4. Scheduled date for submitting proposed licensing action and supporting information.

01/89.

5. Important Licensing considerations associated with refueling, e.g., new or different fuel design or supplier, unreviewed design or performance analysis methods, significant changes in fuel design, new operating procedures.

The fuel vendor for the next reload will be Combustion Engineering.

6. The number of fuel assemblies

a) In the core. 241

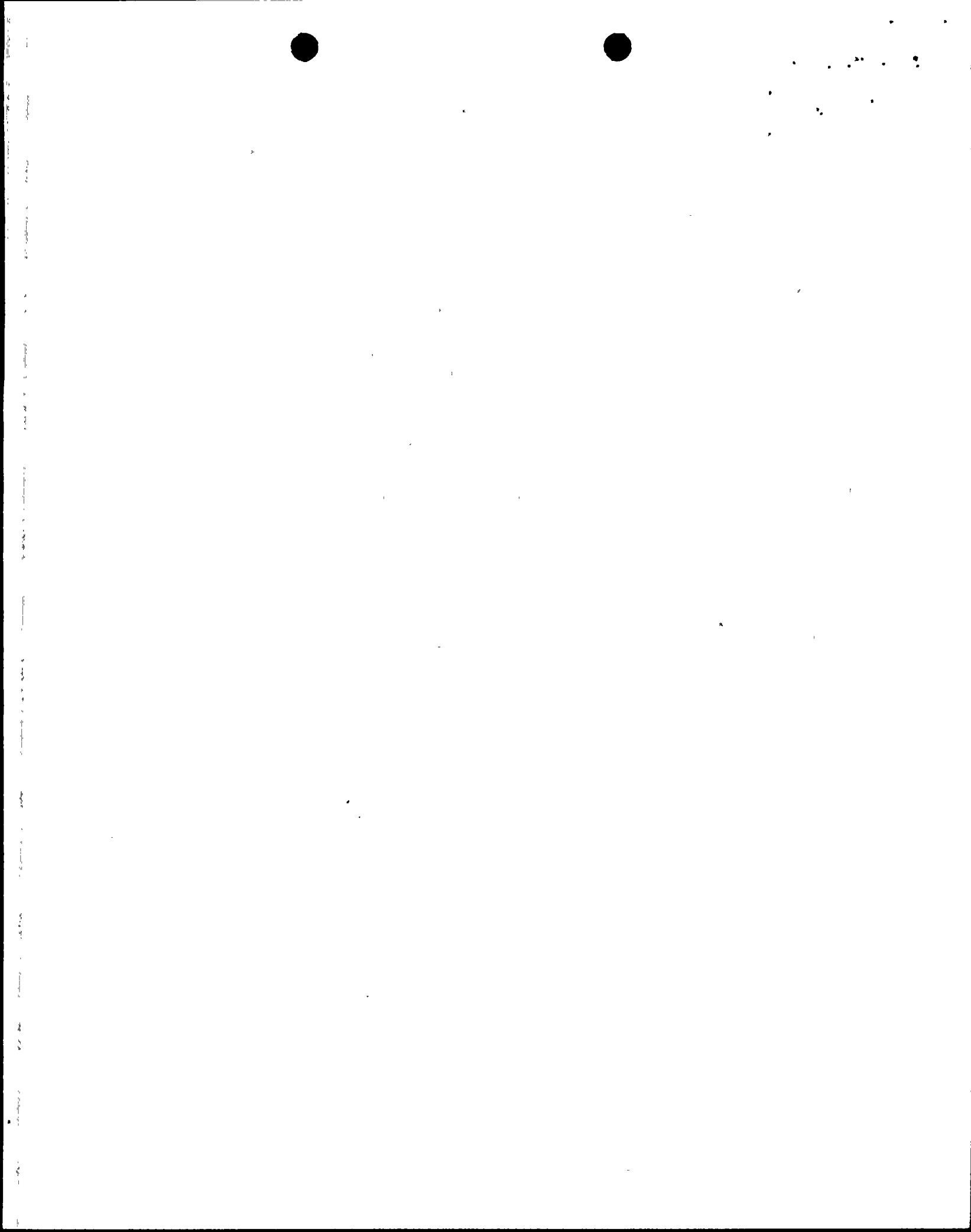
b) In the spent fuel storage pool. 80

7. Licensed spent fuel storage capacity. 1329

Intended change in spent fuel storage capacity. None

8. Projected date of last refueling that can be discharged to spent fuel storage pool assuming present capacity.

2004 (18 Month reloads and full core discharge capability).



# SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.	<u>50-528</u>
UNIT NAME	<u>PVNGS-1</u>
DATE	<u>12/09/88</u>
COMPLETED BY	<u>S. G. Borst</u>
TELEPHONE	<u>(602) 371-4092</u>

## NOVEMBER 1988

11/01	0000	Reactor power is at 100%.
11/04	1845	Reactor power reduced to 87% for control element assembly calculator surveillance testing.
11/06	0300	Reactor power is at 100%.
11/06	0450 (approx.)	Reactor power reduced to 97% for ASI control.
11/06	1042	Reactor power is at 100%.
11/30	2400	Reactor power is at 100%.

# SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-528  
UNIT NAME PVNGS-1  
DATE 12/09/88  
COMPLETED BY S. G. Borst  
TELEPHONE (602) 371-4092

No.	Date	Type <sup>1</sup>	Duration Hours	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	LER No.	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause and Corrective Action to Prevent Recurrence
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No Reactor Shutdowns or Significant Power Reductions Occurred During the Month.

1	2	3	4	5
F-Forced S-Scheduled	Reason: A-Equipment Failure (Explain) B-Maintenance or Test C-Refueling D-Regulatory Restriction E-Operator Training & License Examination F-Administrative G-Operational Error H-Other (Explain)	Method: 1-Manual 2-Manual Scram 3-Automatic Scram 4-Continuation from Previous Month 5-Reduction of 20% or Greater in the Past 24 Hours 9-Other-(Explain)	Exhibit F-Instructions for Preparation of the Data Entry Sheets for Licensee Event Report (LER) File (NUREG 0161)	Exhibit H-Same Source



# NRC MONTHLY OPERATING REPORT

DOCKET NO.	<u>50-529</u>
UNIT NAME	<u>PVNGS-2</u>
DATE	<u>12/09/88</u>
COMPLETED BY	<u>S. G. Borst</u>
TELEPHONE	<u>(602) 371-4092</u>

## OPERATING STATUS

1. Unit Name: Palo Verde Nuclear Generating Station, Unit 2
2. Reporting Period: November 1988
3. Licensed Thermal Power (MWt): 3800
4. Nameplate Rating (Gross MWe): 1403
5. Design Electrical Rating (Net MWe): 1270
6. Maximum Dependable Capacity (Gross MWe): 1303
7. Maximum Dependable Capacity (Net MWe): 1221
8. If Changes Occur In Capacity Ratings (Items Number 3 Through 7)  
Since Last Report, Give Reasons: N/A

9. Power Level to Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr.-to-Date	Cumulative
11. Hours in Reporting Period	<u>720.0</u>	<u>8,040.0</u>	<u>19,296.0</u>
12. Number of Hours Reactor Was Critical	<u>541.4</u>	<u>5,006.0</u>	<u>14,281.1</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
14. Hours Generator On-Line	<u>532.9</u>	<u>4,882.9</u>	<u>14,009.1</u>
15. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,909,336.0</u>	<u>17,952,885.0</u>	<u>51,160,052.0</u>
17. Gross Electrical Energy Generated (MWH)	<u>662,800.0</u>	<u>6,252,200.0</u>	<u>17,913,470.0</u>
18. Net Electrical Energy Generated (MWH)	<u>615,242.0</u>	<u>5,847,243.0</u>	<u>16,784,125.0</u>
19. Unit Service Factor	<u>74.0%</u>	<u>60.7%</u>	<u>72.6%</u>
20. Unit Availability Factor	<u>74.0%</u>	<u>60.7%</u>	<u>72.6%</u>
21. Unit Capacity Factor (Using MDC Net)	<u>70.0%</u>	<u>59.6%</u>	<u>71.2%</u>
22. Unit Capacity Factor (Using DER Net)	<u>67.3%</u>	<u>57.3%</u>	<u>68.5%</u>
23. Unit Forced Outage Rate	<u>26.0%</u>	<u>3.7%</u>	<u>5.6%</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>None</u>			

25. If Shutdown At End of Report Period, Estimated Date of Startup:  
N/A

	Forecast	Achieved
INITIAL CRITICALITY	<u>03/86</u>	<u>04/18/86</u>
INITIAL ELECTRICITY	<u>06/86</u>	<u>05/20/86</u>
COMMERCIAL OPERATION	<u>11/86</u>	<u>09/19/86</u>



# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-529  
 UNIT NAME PVNGS-2  
 DATE 12/09/88  
 COMPLETED BY S. G. Borst  
 TELEPHONE (602) 371-4092

MONTH: NOVEMBER 1988

DAY	AVERAGE DAILY POWER LEVEL
1	<u>1,246</u>
2	<u>1,248</u>
3	<u>1,251</u>
4	<u>1,250</u>
5	<u>1,251</u>
6	<u>1,250</u>
7	<u>1,243</u>
8	<u>1,239</u>
9	<u>1,242</u>
10	<u>1,246</u>
11	<u>1,247</u>
12	<u>1,250</u>
13	<u>1,240</u>
14	<u>1,245</u>
15	<u>1,206</u>
16	<u>0</u>

DAY	AVERAGE DAILY POWER LEVEL
17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>0</u>
23	<u>0</u>
24	<u>567</u>
25	<u>639</u>
26	<u>1,130</u>
27	<u>1,263</u>
28	<u>1,234</u>
29	<u>1,234</u>
30	<u>1,244</u>



# REFUELING INFORMATION

DOCKET NO.	<u>50-529</u>
UNIT NAME	<u>PVNGS-2</u>
DATE	<u>12/09/88</u>
COMPLETED BY	<u>S. G. Borst</u>
TELEPHONE	<u>(602) 371-4092</u>

1. Scheduled date for next refueling shutdown.

09/15/89

2. Scheduled date for restart following refueling.

11/24/89

3. Will refueling or resumption of operation thereafter require a Technical Specification change or other license amendment?

To be determined

4. Scheduled date for submitting proposed licensing action and supporting information.

To be determined

5. Important Licensing considerations associated with refueling, e.g., new or different fuel design or supplier, unreviewed design or performance analysis methods, significant changes in fuel design, new operating procedures.

To be determined

6. The number of fuel assemblies

a) In the core. 241

b) In the spent fuel storage pool. 108

7. Licensed spent fuel storage capacity. 1329

Intended change in spent fuel storage capacity. None

8. Projected date of last refueling that can be discharged to spent fuel storage pool assuming present capacity.

2004 (18 Month reloads and full core discharge capability).



## SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.	50-529
UNIT NAME	PVNGS-2
DATE	12/09/88
COMPLETED BY	S. G. Borst
TELEPHONE	(602) 371-4092

NOVEMBER 1988

11/01	0000	Unit in Mode 1 - Reactor Power 100%.
11/13	1639	Power reduction to 92% due to inoperability of Core Operating Limit Supervisory System program.
11/13	2135	Reactor power at 100%.
11/15	2001	Plant shutdown initiated to investigate unidentified reactor coolant system leakage.
11/16	0237	Reactor trip occurred due to Steam Generator low level at about 10% Power during the plant shutdown and the unit was stabilized in Mode 3.
11/17	0222	Unit entered Mode 4.
11/22	2341	Unit entered Mode 3.
11/23	1315	Unit entered Mode 2.
11/23	1746	Unit entered Mode 1.
11/23	2145	Main Turbine synchronized to grid.
11/23	2155	Reactor power is at 19%.
11/24	0434	Reactor power maintained at 56% for feedwater heater repairs.
11/26	0145	Reactor power at 72%.
11/26	1315	Reactor power at 100%.
11/28	1725	Reactor power reduction to 90% for isolation of the "A" Low Pressure Feedwater Heater string.
11/29	0937	Reactor power at 100%.
11/30	2400	Unit in Mode 1 - Reactor Power at 100%.



# SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-529  
 UNIT NAME PVNGS-2  
 DATE 12/09/88  
 COMPLETED BY S. G. Borst  
 TELEPHONE (602) 371-4092

No.	Date	Type <sup>1</sup>	Duration Hours	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	LER No.	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause and Corrective Action to Prevent Recurrence
5	11/16	F	187.1	H	3	2-88-014	AB	ISV	Reactor trip on Low Steam Generator Level occurred at 10% power during a shutdown to evaluate an unidentified RCS leak. The trip was due to a combination of events including a site modification which lowered the minimum speed of the main feedwater pump, operator actions to adjust the main feedwater pump speed bias and a procedure which was not specific enough. The procedure has been revised, the event will be included in the operations requalification training program, and the site modification program is being evaluated.
1		2		3		4		5	
F-Forced S-Scheduled		Reason: A-Equipment Failure (Explain) B-Maintenance or Test C-Refueling D-Regulatory Restriction E-Operator Training & License Examination F-Administrative G-Operational Error H-Other (Explain)				Method: 1-Manual 2-Manual Scram 3-Automatic Scram 4-Continuation from Previous Month 5-Reduction of 20% or Greater in the Past 24 Hours		Exhibit F-Instructions for Preparation of the Data Entry Sheets for Licensee Event Report (LER) File (NUREG 0161)  Exhibit H-Same Source	



# NRC MONTHLY OPERATING REPORT

DOCKET NO.	<u>50-530</u>
UNIT NAME	<u>PVNGS-3</u>
DATE	<u>12/09/88</u>
COMPLETED BY	<u>S. G. Borst</u>
TELEPHONE	<u>(602) 371-4092</u>

## OPERATING STATUS

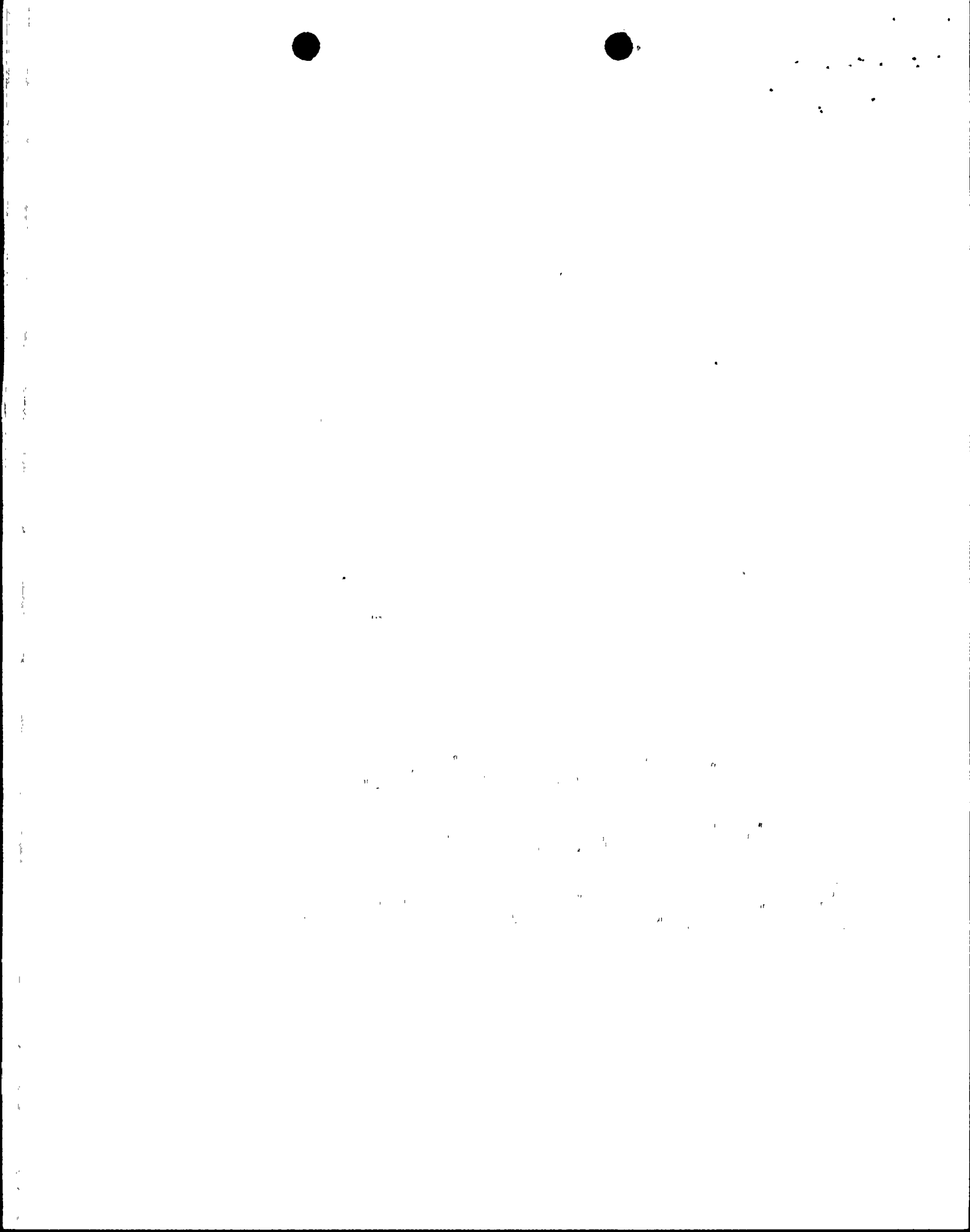
1. Unit Name: Palo Verde Nuclear Generating Station, Unit 3
2. Reporting Period: November 1988
3. Licensed Thermal Power (MWt): 3800
4. Nameplate Rating (Gross MWe): 1403
5. Design Electrical Rating (Net MWe): 1270
6. Maximum Dependable Capacity (Gross MWe): 1303
7. Maximum Dependable Capacity (Net MWe): 1221
8. If Changes Occur In Capacity Ratings (Items Number 3 Through 7)  
Since Last Report, Give Reasons: N/A

9. Power Level to Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr.-to-Date	Cumulative
11. Hours in Reporting Period	<u>720.0</u>	<u>7,872.0</u>	<u>7,872.0</u>
12. Number of Hours Reactor Was Critical	<u>720.0</u>	<u>7,457.7</u>	<u>7,457.7</u>
13. Reactor Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
14. Hours Generator On-Line	<u>720.0</u>	<u>7,434.0</u>	<u>7,434.0</u>
15. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,671,978.0</u>	<u>27,516,564.0</u>	<u>27,516,564.0</u>
17. Gross Electrical Energy Generated (MWH)	<u>938,400.0</u>	<u>9,664,100.0</u>	<u>9,664,100.0</u>
18. Net Electrical Energy Generated (MWH)	<u>887,263.0</u>	<u>9,103,692.0</u>	<u>9,103,692.0</u>
19. Unit Service Factor	<u>100.0%</u>	<u>94.4%</u>	<u>94.4%</u>
20. Unit Availability Factor	<u>100.0%</u>	<u>94.4%</u>	<u>94.4%</u>
21. Unit Capacity Factor (Using MDC Net)	<u>100.9%</u>	<u>94.7%</u>	<u>94.7%</u>
22. Unit Capacity Factor (Using DER Net)	<u>97.0%</u>	<u>91.1%</u>	<u>91.1%</u>
23. Unit Forced Outage Rate	<u>0.0%</u>	<u>5.6%</u>	<u>5.6%</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Refueling Outage - 03/03/89 - 70 Days</u>			

25. If Shutdown At End of Report Period, Estimated Date of Startup:  
N/A

	Forecast	Achieved
INITIAL CRITICALITY	<u>07/87</u>	<u>10/25/87</u>
INITIAL ELECTRICITY	<u>07/87</u>	<u>11/28/87</u>
COMMERCIAL OPERATION	<u>09/87</u>	<u>01/08/88</u>



# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-530  
 UNIT NAME PVNGS-3  
 DATE 12/09/88  
 COMPLETED BY S. G. Borst  
 TELEPHONE (602) 371-4092

MONTH: NOVEMBER 1988

DAY	AVERAGE DAILY POWER LEVEL
1	<u>1,249</u>
2	<u>1,248</u>
3	<u>1,250</u>
4	<u>1,253</u>
5	<u>1,255</u>
6	<u>1,255</u>
7	<u>1,253</u>
8	<u>1,244</u>
9	<u>1,253</u>
10	<u>1,257</u>
11	<u>1,074</u>
12	<u>835</u>
13	<u>1,093</u>
14	<u>1,256</u>
15	<u>1,261</u>
16	<u>1,255</u>

DAY	AVERAGE DAILY POWER LEVEL
17	<u>1,248</u>
18	<u>1,253</u>
19	<u>1,255</u>
20	<u>1,254</u>
21	<u>1,253</u>
22	<u>1,252</u>
23	<u>1,251</u>
24	<u>1,252</u>
25	<u>1,253</u>
26	<u>1,252</u>
27	<u>1,251</u>
28	<u>1,252</u>
29	<u>1,258</u>
30	<u>1,264</u>



# REFUELING INFORMATION

DOCKET NO. 50-530  
 UNIT NAME PVNGS-3  
 DATE 12/09/88  
 COMPLETED BY S. G. Borst  
 TELEPHONE (602) 371-4092

1. Scheduled date for next refueling shutdown.

03/03/89

2. Scheduled date for restart following refueling.

05/13/89

3. Will refueling or resumption of operation thereafter require a Technical Specification change or other license amendment?

Yes, these are expected to include the following: 2.1.1.1, 3/4 1.1.2, 3/4 1.1.3, 3/4 1.3.1, 3/4 1.3.6, 3/4 2.1, 3/4 2.3, 3/4 2.4, 3/4 2.5, 3/4 2.8, 3/4 3.1, 3/4 3.2.

4. Scheduled date for submitting proposed licensing action and supporting information.

12/88

5. Important Licensing considerations associated with refueling, e.g., new or different fuel design or supplier, unreviewed design or performance analysis methods, significant changes in fuel design, new operating procedures.

The fuel vendor for the next reload will be Combustion Engineering.

6. The number of fuel assemblies

a) In the core. 241

b) In the spent fuel storage pool. 0

7. Licensed spent fuel storage capacity. 1329

Intended change in spent fuel storage capacity. None

8. Projected date of last refueling that can be discharged to spent fuel storage pool assuming present capacity.

2005 (18 Month reloads and full core discharge capability).



# SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.	<u>50-530</u>
UNIT NAME	<u>PVNGS-3</u>
DATE	<u>12/09/88</u>
COMPLETED BY	<u>S. G. Borst</u>
TELEPHONE	<u>(602) 371-4092</u>

## NOVEMBER 1988

11/01	0000	Reactor power is at 100%.
11/11	0630 (approx.)	Reactor power reduced to 83% for rod testing/control element assembly calculator surveillance testing.
11/12	0130 (approx.)	Reactor power reduced to 68% for replacement of feedwater pump "B" suction strainer.
11/13	1457	Reactor power is at 91%.
11/13	1835	Reactor power is at 100%.
11/30	2400	Reactor power is at 100%.



# SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-530  
UNIT NAME PVNGS-3  
DATE 12/09/88  
COMPLETED BY S. G. Borst  
TELEPHONE (602) 371-4092

No.	Date	Type <sup>1</sup>	Duration Hours	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	LER No.	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause and Corrective Action to Prevent Recurrence
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No Reactor Shutdowns or Significant Power Reductions Occurred During the Month.

1	2	3	4
F-Forced S-Scheduled	Reason: A-Equipment Failure (Explain) B-Maintenance or Test C-Refueling D-Regulatory Restriction E-Operator Training & License Examination F-Administrative G-Operational Error H-Other (Explain)	Method: 1-Manual 2-Manual Scram 3-Automatic Scram 4-Continuation from Previous Month 5-Reduction of 20% or Greater in the Past 24 Hours 9-Other-(Explain)	Exhibit F-Instructions for Preparation of the Data Entry Sheets for Licensee Event Report (LER) File (NUREG 0161)  5 Exhibit H-Same Source

