NRC MONTHLY OPERATING REPORT

DOCKET NO. 50-530
UNIT NAME PVNGS-3
DATE 12/20/87
COMPLETED BY J.M. Colville
TELEPHONE 602-393-2679

OPERATING STATUS

1. Unit Name: Palo Verde Nuclear Generating Station, Unit 3
2. Reporting Period: November 1987
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: _____
9. Power Level to Which Restricted, If Any (Net MWe): NONE
10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours in Reporting Period	720	5304	5304
12. Number of Hours Reactor Was Critical	171.1	268.9	268.9
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	14.1	14.1	14.1
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	51802	51802	51802
17. Gross Electrical Energy Generated (MWH)	1200	1200	1200
18. Net Electrical Energy Generated (MWH)	0	0	0
19. Unit Service Factor	0	0	0
20. Unit Availability Factor	0	0	0
21. Unit Capacity Factor (Using MDC Net)	0	0	0
22. Unit Capacity Factor (Using DER Net)	0	0	0
23. Unit Forced Outage Rate	0	0	0

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): _____
25. If Shutdown At End of Report Period, Estimated Date of Startup: _____
26. Units in Test Status (Prior To Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY	07/87	10/25/87
INITIAL ELECTRICITY	07/87	11/28/87
COMMERCIAL OPERATION	09/87	----------

NRC MONTHLY OPERATING REPORT

DOCKET NO. 50-529
UNIT NAME PVNGS-2
DATE 12/20/87
COMPLETED BY J.M. Colville
TELEPHONE 602-393-2679

OPERATING STATUS

1. Unit Name: Palo Verde Nuclear Generating Station, Unit 2
2. Reporting Period: November 1987
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: _____
9. Power Level to Which Restricted, If Any (Net MWe): NONE
10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours in Reporting Period	720	8016	10512
12. Number of Hours Reactor Was Critical	657.8	6,241.2	8,531.1
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	644.1	6,115.2	8,382.2
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,400,712.	22,112,841.	30,407,847
17. Gross Electrical Energy Generated (MWH)	843,900.	7,746,100.	10,674,270
18. Net Electrical Energy Generated (MWH)	792,875.	7,256,846.	10,003,684
19. Unit Service Factor	89.5%	76.3%	79.7%
20. Unit Availability Factor	89.5%	76.3%	79.7%
21. Unit Capacity Factor (Using MDC Net)	90.2%	74.1%	77.9%
22. Unit Capacity Factor (Using DER Net)	86.7%	71.3%	74.9%
23. Unit Forced Outage Rate	5.2%	6.4%	7.2%

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): Scheduled Date for next Refueling Shutdown -2/21/88
Duration of refueling shutdown approximately 68 days
25. If Shutdown At End of Report Period, Estimated Date of Startup: _____
26. Units in Test Status (Prior To Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY	3/86	4/18/86
INITIAL ELECTRICITY	6/86	5/20/86
COMMERCIAL OPERATION	11/86	9/19/86

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-529
UNIT NAME: PVNGS-2
DATE: 12/20/87
COMPLETED BY: J.M. Colville
TELEPHONE: 602-393-2679

No.	Date	Type[1]	Duration Hours	Reason[2]	Method of Shutting Down Reactor[3]	LER NO.	System Code[4]	Component Code[5]	Cause and Corrective Action to Prevent Recurrence
15	11/21	S	40.6	B	1	N/A	N/A	N/A	Commenced planned shutdown for maintenance to repair failed Reactor Coolant Pump speed sensor for the Channel B and D Core Protection Calculators.
16	11/22	F	35.3	A, F	3	2-87-019	JD	CPU	Reactor trip with reactor power at 7%. Lo DNBR was first out due to auxiliary trip on Axial Shape Index.

[1] F-Forced
S-Scheduled

[2] 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)

[3] 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)

[4] Exhibit F - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG 0161)

[5] Exhibit H-Same Source