

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:8905240416 DOC.DATE: ~~89/04/30~~ NOTARIZED: NO DOCKET.#  
 FACIL:STN-50-528 Palo Verde Nuclear Station, Unit 1, Arizona Publi 05000528  
 STN-50-529 Palo Verde Nuclear Station, Unit 2, Arizona Publi 05000529  
 STN-50-530 Palo Verde Nuclear Station, Unit 3, Arizona Publi 05000530  
 AUTH.NAME AUTHOR AFFILIATION  
 BORST,S.G. Arizona Nuclear Power Project (formerly Arizona Public Serv  
 HAYNES,J.G. Arizona Nuclear Power Project (formerly Arizona Public Serv R  
 RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Apr 1989 for Palo Verde Nuclear  
 Generating Station Units 1,2 & 3.W/890517 ltr.

DISTRIBUTION CODE: IE24D COPIES RECEIVED:LTR 1 ENCL 1 SIZE: 16  
 TITLE: Monthly Operating Report (per Tech Specs)

NOTES:Standardized plant. 05000528  
 Standardized plant. 05000529 A  
 Standardized plant. 05000530 D

RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
PD5 LA	4 4	PD5 PD	1 1
CHAN,T	1 1	DAVIS,M	1 1
DAVIS,M.J.	1 1		
INTERNAL: ACRS	10 10	AEOD/DOA	1 1
AEOD/DSP/TPAB	1 1	IRM TECH ADV	2 2
NRR/DLPQ/PEB 11	1 1	NRR/DOEA/EAB 11	1 1
NRR/DREP/RPB 10	1 1	NUDOCS-ABSTRACT	1 1
REG*FILE 01	1 1	RGN5	1 1
EXTERNAL: EG&G SIMPSON,F	1 1	LPDR	1 1
NRC PDR	1 1	NSIC	1 1
NOTES:	1 1		

NOTE TO ALL "RIDS" RECIPIENTS:

PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL DESK,  
 ROOM P1-37 (EXT. 20079) TO ELIMINATE YOUR NAME FROM DISTRIBUTION  
 LISTS FOR DOCUMENTS YOU DON'T NEED!

TOTAL NUMBER OF COPIES REQUIRED: LTTR 33 ENCL 33

I  
D  
S  
/  
A  
D  
D  
S  
R  
I  
D  
S  
/  
A  
D  
D  
S



# NRC MONTHLY OPERATING REPORT

DOCKET NO. 50-528  
UNIT NAME PVNGS-1  
DATE 05/08/89  
COMPLETED BY S. G. Borst  
TELEPHONE (602) 371-4092

## OPERATING STATUS

1. Unit Name: Palo Verde Nuclear Generating Station, Unit 1
2. Reporting Period: April 1989
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</u>	<u>2,880.0</u>	<u>28,536.0</u>
12. Number of Hours Reactor Was Critical	<u>0</u>	<u>1,522.0</u>	<u>17,262.1</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>0</u>	<u>1,522.0</u>	<u>16,826.9</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>0</u>	<u>5,565,298.0</u>	<u>60,931,221.0</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>1,933,700.0</u>	<u>21,163,100.0</u>
18. Net Electrical Energy Generated (MWH)	<u>0</u>	<u>1,796,575.0</u>	<u>19,793,190.0</u>
19. Unit Service Factor	<u>0</u>	<u>52.8%</u>	<u>59.0%</u>
20. Unit Availability Factor	<u>0</u>	<u>52.8%</u>	<u>59.0%</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0</u>	<u>51.1%</u>	<u>56.8%</u>
22. Unit Capacity Factor (Using DER Net)	<u>0</u>	<u>49.1%</u>	<u>54.6%</u>
23. Unit Forced Outage Rate	<u>N/A*</u>	<u>34.6%</u>	<u>28.1%</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>N/A</u>			

25. If Shutdown At End of Report Period, Estimated Date of Startup:  
See Note in Shutdown and Power Reductions Section.

INITIAL CRITICALITY  
INITIAL ELECTRICITY  
COMMERCIAL OPERATION

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

FE24  
1/1

\*The normal F.O.R. is not meaningful since the unit went from a forced outage to a planned outage with no service hours. A more meaningful calculation for this case. would be forced outage hours divided by period hours (23.3%).

8905240416 890430  
PDR ADOCK 05000528  
PDC



# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-528  
UNIT NAME PVNGS-1  
DATE 05/08/89  
COMPLETED BY S. G. Borst  
TELEPHONE (602) 371-4092

MONTH: APRIL 1989

DAY	AVERAGE DAILY POWER LEVEL
1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</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>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>0</u>

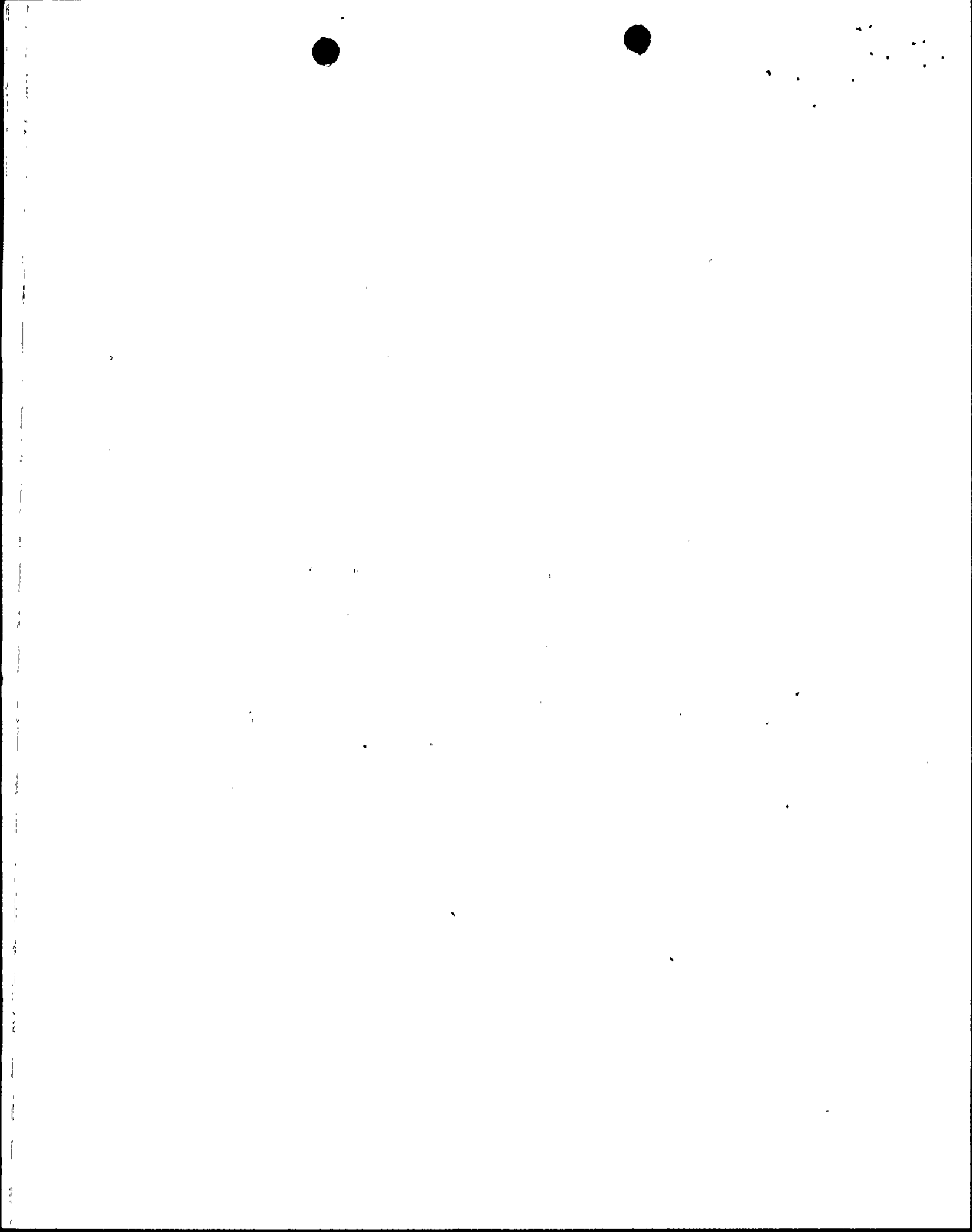


# SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.	<u>50-528</u>
UNIT NAME	<u>PVNGS-1</u>
DATE	<u>05/08/89</u>
COMPLETED BY	<u>S. G. Borst</u>
TELEPHONE	<u>(602) 371-40</u>

## APRIL 1989

04/01	0000	Unit begins month in Mode 3.
04/08	0000	Unit begins refueling outage.
04/11	2301	Unit entered Mode 4.
04/14	2220	Unit entered Mode 5.
04/30	2400	Unit ends month in Mode 5.





# REFUELING INFORMATION

DOCKET NO.	<u>50-528</u>
UNIT NAME	<u>PVNGS-1</u>
DATE	<u>05/08/89</u>
COMPLETED BY	<u>S. G. Borst</u>
TELEPHONE	<u>(602) 371-4092</u>

- Scheduled date for next refueling shutdown.  
03/01/91
- Scheduled date for restart following refueling.  
06/03/91
- 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.
- Scheduled date for submitting proposed licensing action and supporting information.  
Submitted on 01/12/89.
- 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.
- The number of fuel assemblies
  - In the core. 241
  - In the spent fuel storage pool. 80
- Licensed spent fuel storage capacity. 1329  
Intended change in spent fuel storage capacity. None
- 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).



# SHUTDOWNS AND POWER REDUCTIONS

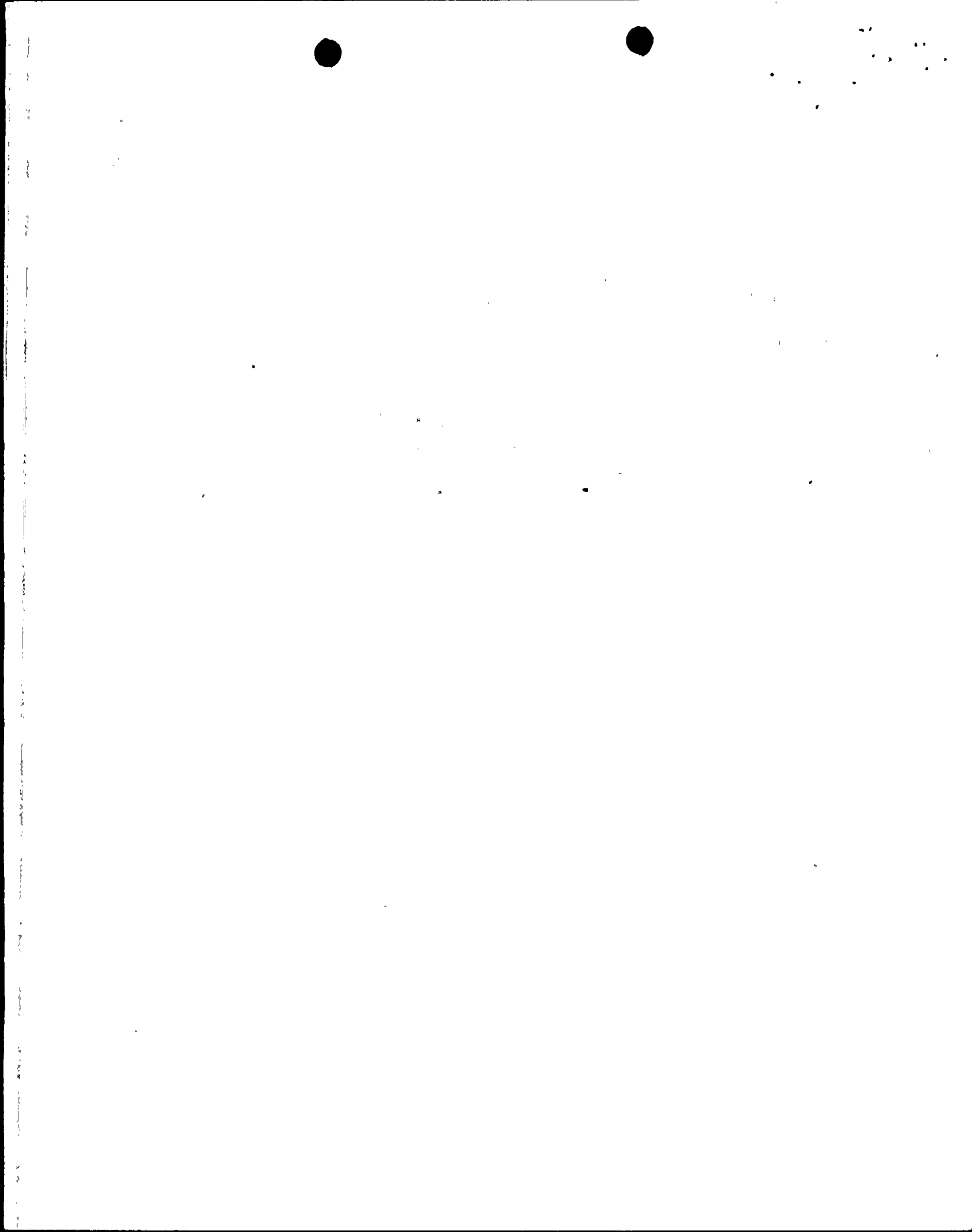
DOCKET NO. 50-528  
UNIT NAME PVNGS-1  
DATE 05/08/89  
COMPLETED BY S. G. Borst  
TELEPHONE (602) 371-4092

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
89/02	03/05/89	F	168	A	4	1-89-004	JC	CPC	Continuation of forced outage begun in March.
89/03	04/08/89	S	552	C	9**	N/A	N/A	N/A	2nd refueling outage.

\*PVNGS-1 as of March 31, 1989 requires NRC approval prior to restart in accordance with Confirmatory Action Letters of March 7, 1989 and March 28, 1989.

\*\*Unit was in Mode 3 at the beginning of the refueling outage.

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>05/08/89</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: April 1989
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>2,880.0</u>	<u>22,920.0</u>
12. Number of Hours Reactor Was Critical	<u>0</u>	<u>1,475.3</u>	<u>16,500.4</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>0</u>	<u>1,461.1</u>	<u>16,201.8</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>0</u>	<u>5,487,540.0</u>	<u>59,414,317.0</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>1,911,100.0</u>	<u>20,779,570.0</u>
18. Net Electrical Energy Generated (MWH)	<u>0</u>	<u>1,762,088.0</u>	<u>19,446,141.0</u>
19. Unit Service Factor	<u>0</u>	<u>50.7%</u>	<u>70.7%</u>
20. Unit Availability Factor	<u>0</u>	<u>50.7%</u>	<u>70.7%</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0</u>	<u>50.1%</u>	<u>69.5%</u>
22. Unit Capacity Factor (Using DER Net)	<u>0</u>	<u>48.2%</u>	<u>66.8%</u>
23. Unit Forced Outage Rate	<u>100%</u>	<u>49.3%</u>	<u>12.3%</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Refueling Outage - 09/15/89 - 58 Days</u>			

25. If Shutdown At End of Report Period, Estimated Date of Startup:  
See Note in Shutdowns and Power Reductions Section.

INITIAL CRITICALITY  
INITIAL ELECTRICITY  
COMMERCIAL OPERATION

Forecast	Achieved
<u>03/86</u>	<u>04/18/86</u>
<u>06/86</u>	<u>05/20/86</u>
<u>11/86</u>	<u>09/19/86</u>



# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-529  
 UNIT NAME PVNGS-2  
 DATE 05/08/89  
 COMPLETED BY S. G. Borst  
 TELEPHONE (602) 371-4092

MONTH: APRIL 1989

DAY AVERAGE DAILY POWER LEVEL

1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</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>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>0</u>





# REFUELING INFORMATION

DOCKET NO. 50-529  
 UNIT NAME PVNGS-2  
 DATE 05/08/89  
 COMPLETED BY S. G. Borst  
 TELEPHONE (602) 371-4092

1. Scheduled date for next refueling shutdown.  
 01/13/90
2. Scheduled date for restart following refueling.  
 04/17/90
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.  
 07/89
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.  
 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).

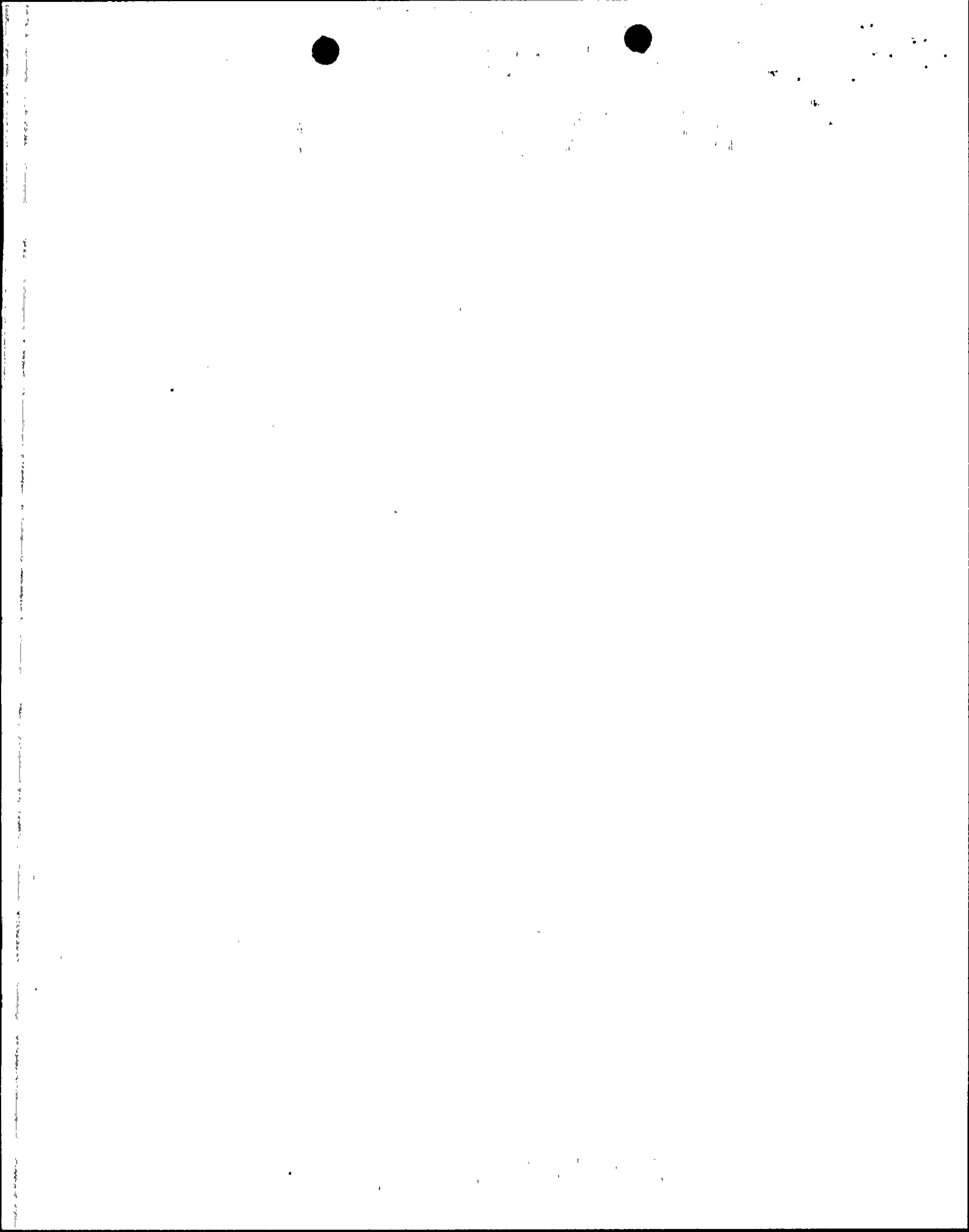


# SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO. 50-529  
UNIT NAME PVNGS-2  
DATE 05/08/89  
COMPLETED BY S. G. Borst  
TELEPHONE (602) 371-40

## APRIL 1989

04/01	0000	Unit began month in Mode 3.
04/28	1828	Unit entered Mode 4.
04/30	1122	Unit entered Mode 5.
04/30	2400	Unit ended month in Mode 5.



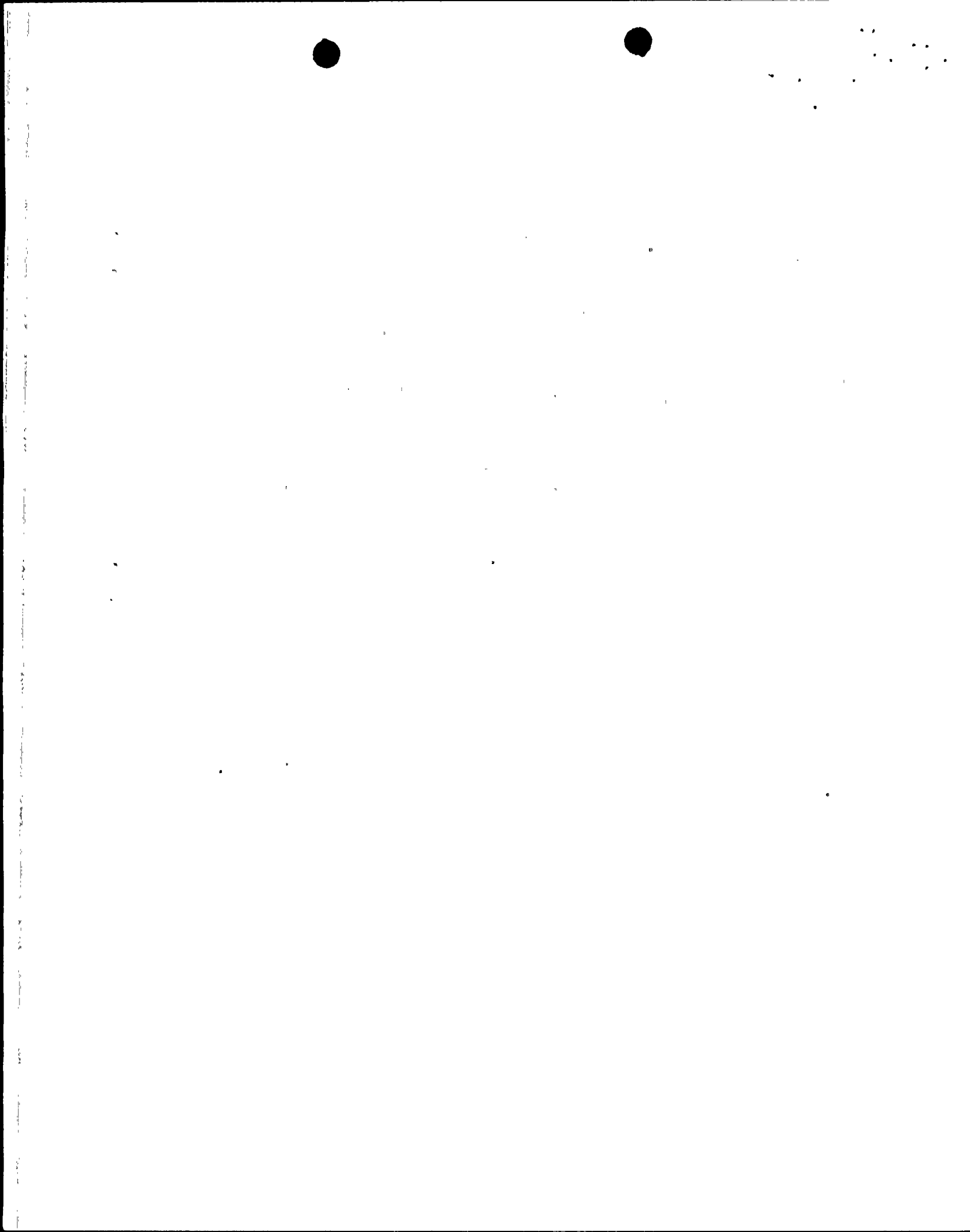
## SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-529  
 UNIT NAME PVNGS-2  
 DATE 05/08/89  
 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
89/02	03/15/89	F	720	F	4	N/A	N/A	N/A	Continuation of outage from the previous month.

\*PVNGS-2 as of March 31, 1989 requires NRC approval prior to restart in accordance  
 with Confirmatory Action Letter of March 28, 1989.

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



# NRC MONTHLY OPERATING REPORT

DOCKET NO.	50-530
UNIT NAME	PVNGS-3
DATE	05/08/89
COMPLETED BY	S. G. Borst
TELEPHONE	(602) 371-4092

## OPERATING STATUS

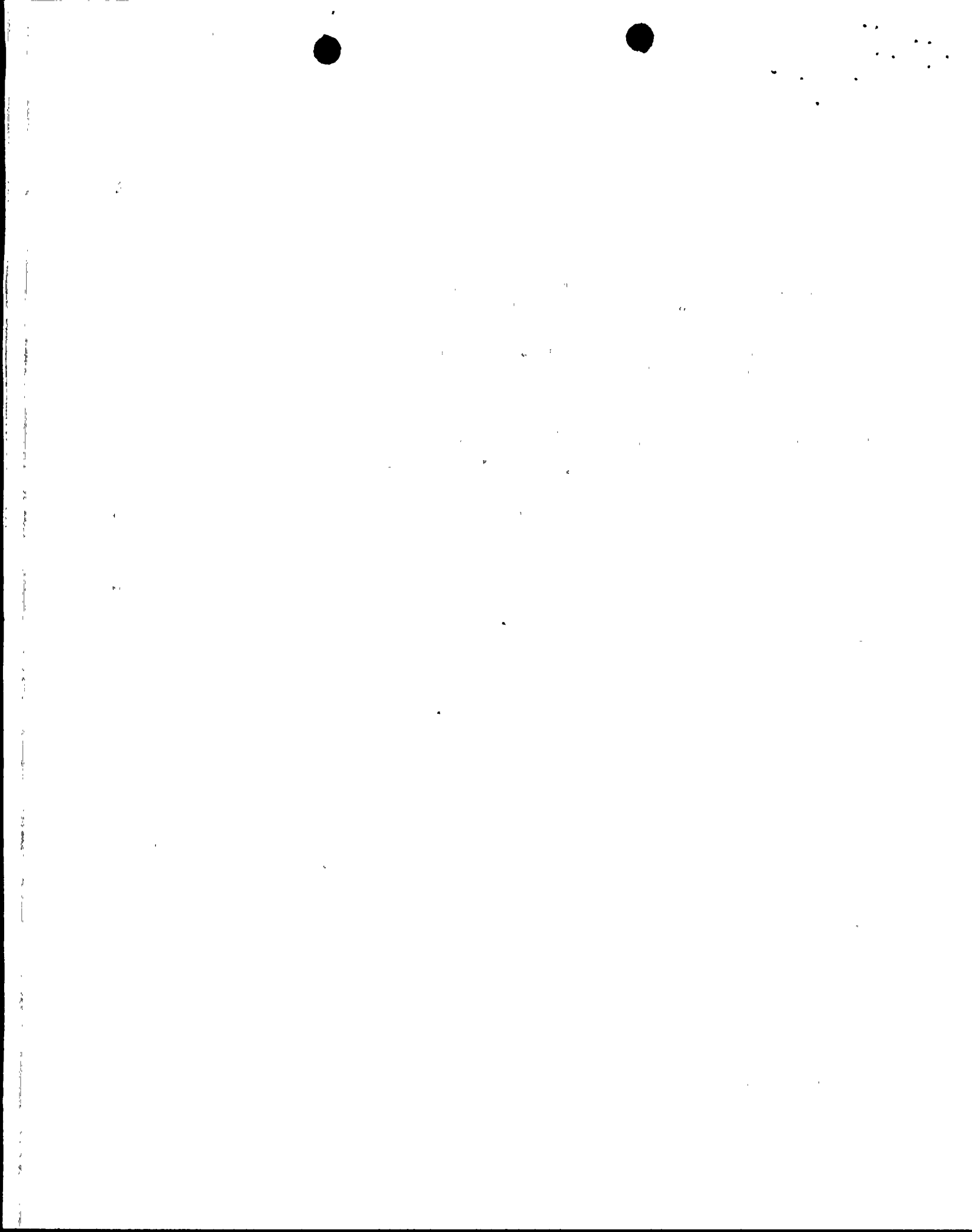
1. Unit Name: Palo Verde Nuclear Generating Station, Unit 3
2. Reporting Period: April 1989
3. Licensed Thermal Power (MWt): 3800
4. Nameplate Rating (Gross MWe): 1403
5. Design Electrical Rating (Net MWe): 1270
6. Maximum Dependable Capacity (Gross MWe): 1303
7. Maximum Dependable Capacity (Net MWe): 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>2,880.0</u>	<u>11,496.0</u>
12. Number of Hours Reactor Was Critical	<u>0</u>	<u>1,106.1</u>	<u>9,307.8</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>0</u>	<u>1,095.0</u>	<u>9,273.0</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>0</u>	<u>4,090,086.0</u>	<u>34,402,824.0</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>1,420,500.0</u>	<u>12,067,700.0</u>
18. Net Electrical Energy Generated (MWH)	<u>0</u>	<u>1,327,900.0</u>	<u>11,363,465.0</u>
19. Unit Service Factor	<u>0</u>	<u>50.7%</u>	<u>86.1%</u>
20. Unit Availability Factor	<u>0</u>	<u>50.7%</u>	<u>86.1%</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0</u>	<u>50.4%</u>	<u>86.4%</u>
22. Unit Capacity Factor (Using DER Net)	<u>0</u>	<u>48.4%</u>	<u>83.0%</u>
23. Unit Forced Outage Rate	<u>0%</u>	<u>31.1%</u>	<u>9.1%</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>N/A</u>			

25. If Shutdown At End of Report Period, Estimated Date of Startup:  
See Note in Shutdowns and Power Reductions Section.

	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 05/08/89  
COMPLETED BY S. G. Borst  
TELEPHONE (602) 371-4092

MONTH: APRIL 1989

DAY	AVERAGE DAILY POWER LEVEL
1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</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>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>0</u>



# REFUELING INFORMATION

DOCKET NO. 50-530  
UNIT NAME PVNGS-3  
DATE 05/08/89  
COMPLETED BY S. G. Borst  
TELEPHONE (602) 371-4092

1. Scheduled date for next refueling shutdown.

11/17/90

2. Scheduled date for restart following refueling.

02/19/91

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.

Submitted on 12/14/88

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>05/08/89</u>
COMPLETED BY	<u>S. G. Borst</u>
TELEPHONE	<u>(602) 371-4092</u>

APRIL 1989

04/01	0000	Unit began month in Mode 5.
04/02	1400	Unit entered Mode 6.
04/30	2400	Unit ended month in Mode 6.



# SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-530  
UNIT NAME PVNGS-3  
DATE 05/08/89  
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
89/03	03/08/89	S	720	C	4	N/A	N/A	N/A	Continuation of unit refueling outage.

\*PVNGS-3 as of March 31, 1989 requires NRC approval prior to restart in accordance with Confirmatory Action Letters of March 7, 1989 and March 28, 1989.

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







## Arizona Nuclear Power Project

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

254-00181-JGH/SGB

May 17, 1989

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 April 1989  
File: 89-024-404/89-056-026

Attached are the Monthly Operating Reports for April 1989 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 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: M. J. Davis (all w/attachments)  
J. B. Martin  
T. J. Polich  
J. A. Amenta  
INPO Records Center

IE24  
11

