ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:9107150341 DOC.DATE: 91/06/30 NOTARIZED: NO DOCKET # FACIL:STN-50-528 Palo Verde Nuclear Station, Unit 1, Arizona Publi STN-50-529 Palo Verde Nuclear Station, Unit 2, Arizona Publi STN-50-530 Palo Verde Nuclear Station, Unit 3, Arizona Publi 05000528 05000529 05000530 AUTH. NAME AUTHOR AFFILIATION Arizona Public Service Co. (formerly Arizona Nuclear Power Arizona Public Service Co. (formerly Arizona Nuclear Power CHAVET, K.A. LEVINE, J.M. RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly-operating repts for Jun 1991 for PVNGS Units 1,2 & 3.W/910712 ltr.

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

NOTES:STANDARDIZED PLANT Standardized plant.

05000528 05000529 Standardized plant. 05000530 D

۸	RECIPIENT ID CODE/NAME PD5 LA TRAMMELL,C	COPII LTTR 3 1	ES ENCL 3 1	RECIPIENT ID CODE/NAME PD5 PD THOMPSON,M	COP LTTR 1 1	IES ENCL 1 1
INTERNAL:	ACRS AEOD/DSP/TPAB NRR/DOEA/OEAB RGN5	10 1 1	10 1 1	AEOD/DOA NRR/DLRQ/LPEB10 REG FILE 01	1 1 1	1 1 1
EXTERNAL:	EG&G BRYCE, J.H NSIC	1 1	1	NRC PDR	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 26 ENCL 26

MR

R

D

S

D

S

R

Ι

D

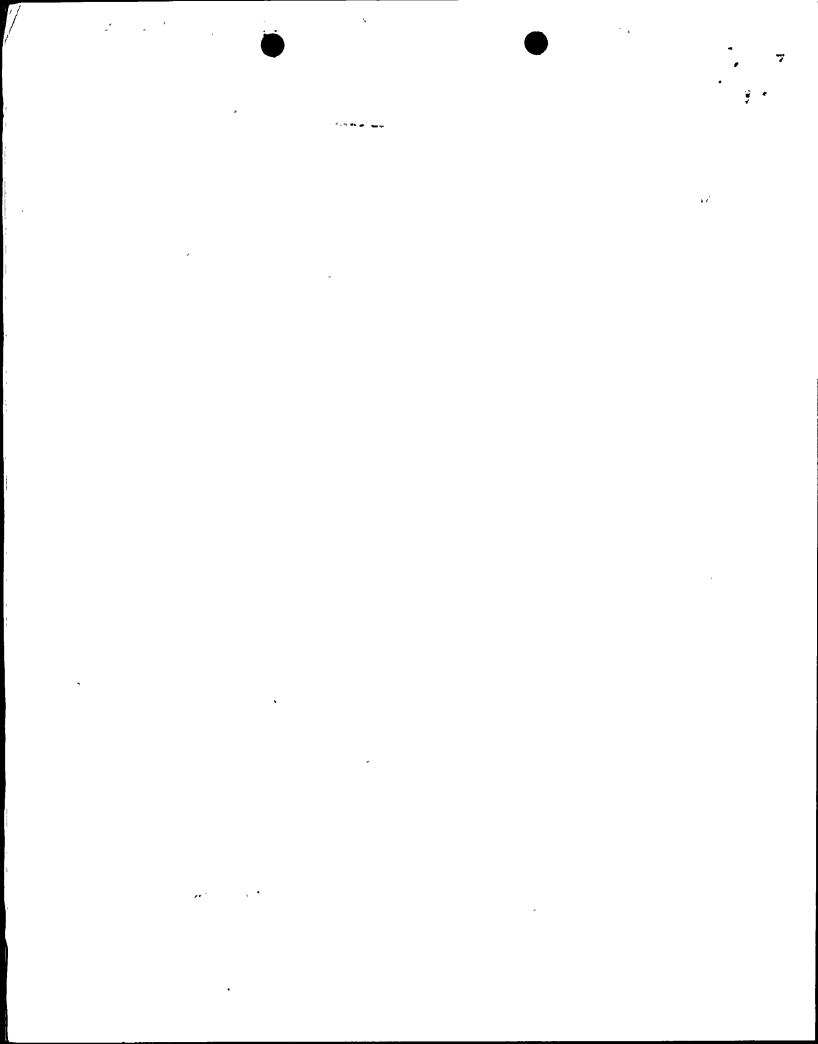
S

Α

D

D

S



Arizona Public Service Company

PALO VERDE NUCLEAR GENERATING STÂTION P.O. BOX 52034 • PHOENIX, ARIZONA 85072-2034

JAMES M. LEVINE
VICE PRESIDENT
NUCLEAR PRODUCTION

254-01611-JML/KAC July 12, 1991

Docket Nos. STN 50-528/529/530

Document Control Desk
U. S. Nuclear Regulatory Commission
Mail Station P1-37
Washington, D.C. 20555

Dear Sirs:

Subject: Palo Verde Nuclear Generating Station (PVNGS)

Units 1, 2, and 3

Monthly Operating Reports for June 1991

File: 91-024-404

Attached are the Monthly Operating Reports for June 1991, 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. Kent A. Chavet, at (602) 340-4718.

Very truly yours,

(all w/attachment)

JML/KAC/kac Attachment

cc: J. B. Martin

D. H. Coe

A. C. Gehr

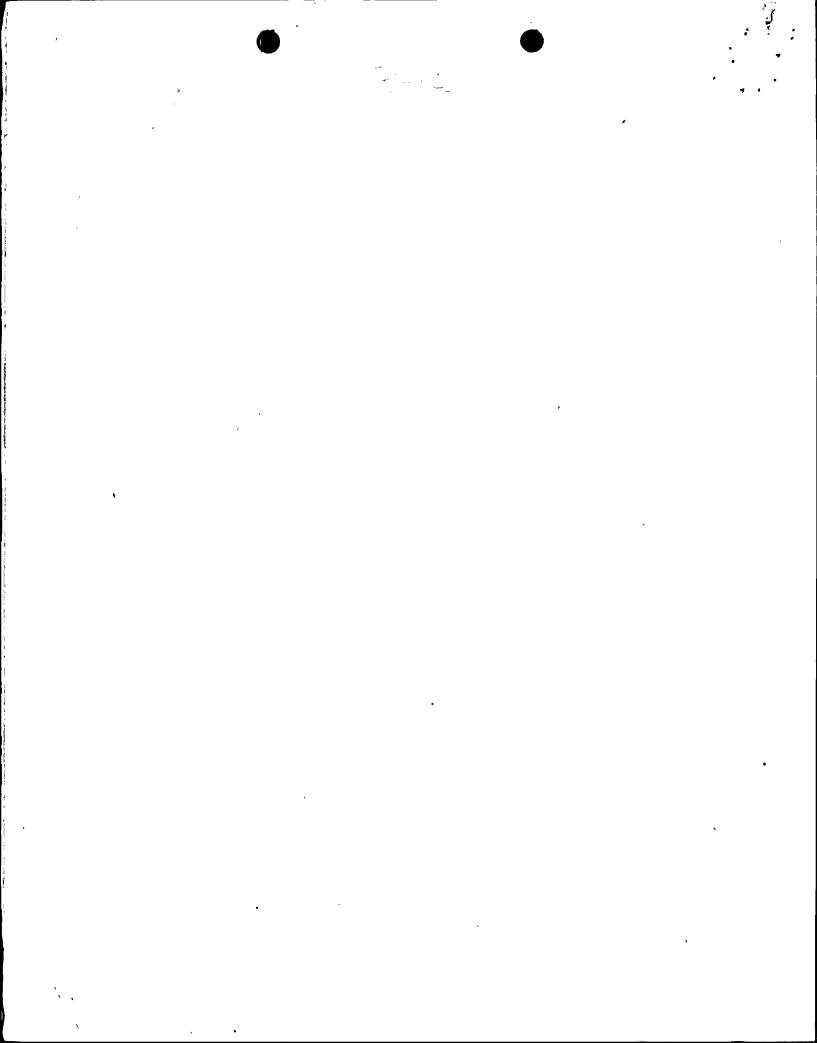
A. H. Gutterman

INPO Records Center

Utility Data Institute

9107150341 910630 PDR ADOCK 05000528

IE24



NRC MONTHLY OPERATING REPORT

DOCKET NO. 50-528 UNIT NAME PVNGS-1 DATE 7/9/91 COMPLETED BY K.A. Chavet (602) 340-4718 TELEPHONE

OPERATING STATUS

- Unit Name: Palo Verde Nuclear Generating Station, Unit 1 1.
- Reporting Period: June 1991 2.
- 3. Licensed Thermal Power (MWt): 3800
- Nameplate Rating (Gross MWe): <u>1403</u> 4.
- Design Electrical Rating (Net MWe): 1270 5.
- Maximum Dependable Capacity (Gross MWe): 1303 6.
- 7. Maximum Dependable Capacity (Net MWe): 1221
- If Changes Occur In Capacity Ratings (Item Numbers 3 Through 7) 8. Since Last Report, Give Reasons: N/A
- Power Level to Which Restricted, If Any (Net MWe): None 9.
- Reasons For Restrictions, If Any: N/A_ 10.

11.	Hours in Reporting Period	This Month	Yrto-Date 4,344	Cumulative 47,520
12.	Number of Hours Reactor Was Critical	720,0	3,501,5	24,961,7
13.	Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14.	Hours Generator On-Line	720.0	3,492.9	24,246.5
15.	Unit Reserve Shutdown Hours	0,0	0.0	0,0
16.	Gross Thermal Energy			
	Generated (MWH)	2,725,393	13,184,607	88,578,708
17.	Gross Electrical Energy			
	Generated (MWH)	946,400	4,599,300	<u>30,771,900</u>
18.	Net Electrical Energy			
	Generated (MWH)	894,536	4,334,226	<u>28,846,878</u>
19.	Unit Service Factor	100.0%	80.4%	51.0%
20.	Unit Availability Factor	<u>100.0%</u>	80.4%	<u>51.0%</u>
21.	Unit Capacity Factor			
	(Using MDC Net)	101,8%	81.7%	49,7%
22.	Unit Capacity Factor			•
	(Using DER Net)	97.8%	<u> 78.6%</u>	47.8%
23.	Unit Forced Outage Rate	0.0%	0.0%	22.3 %
24.	Shutdowns Scheduled Over Next 6 Mont	chs (Type, Date ar	nd Duration of Each)	:
23.	(Using DER Net) Unit Forced Outage Rate	0.0%	0.0%	22,3 %

N/A

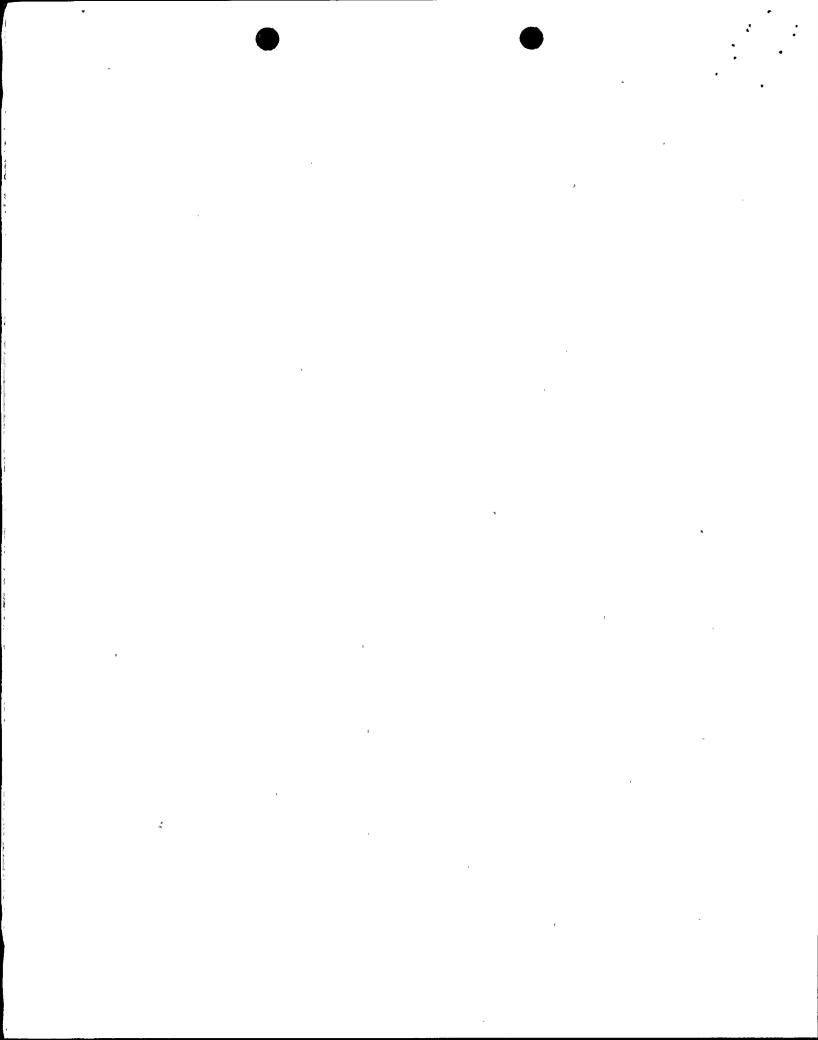
If Shutdown At End of Report Period, Estimated Date of Start-up: 25. N/A

	Forecast	Achieved
INITIAL CRITICALITY	05/85	05/25/85
INITIAL ELECTRICITY	06/85	<u>06/10/85</u>
COMMERCIAL OPERATION	11/85	01/28/86

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-528
UNIT NAME PVNGS-1
DATE 7/9/91
COMPLETED BY K.A. Chavet
TELEPHONE (602) 340-4718

MONT	H: June 1991		
DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
. 1	1248	. 17	1247
2	1249	18	1246
3	1248	. 19	1246
4	1246	20	1247
5	1248	21	1247
6	1248	. 22	1248
7	1246	. 23	1248
8	1247		1247
9	1249	_ 25 _	1247
10	1249	_ 26 _	1116
11	1247	27	1245
12	1246	28	1245
13	1246	. 29	1246
14	1246	30	1245
15	1248		
16	1246	•	



REFUELING INFORMATION

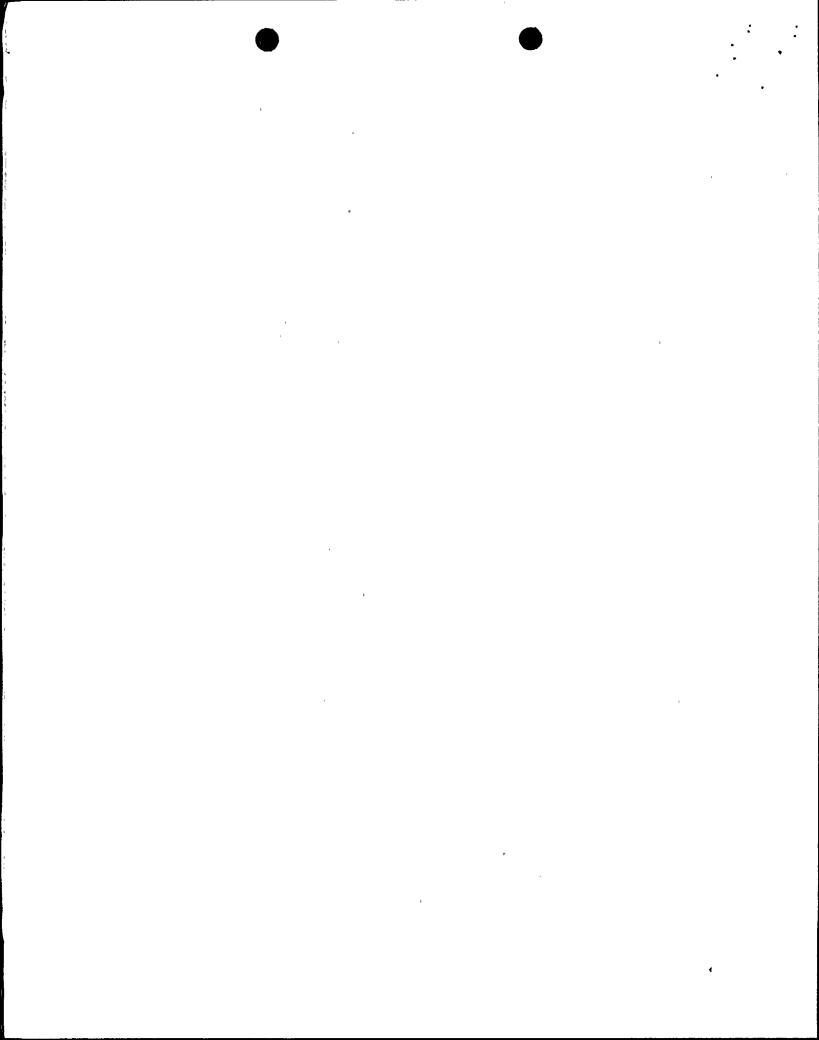
DOCKET NO.

UNIT NAME DATE 50-528 PVNGS-1

7/9/91

COMPLETED BY K.A. Chavet

		TELEPHONE	<u>(602) 340-4718</u>
1.	Scheduled date for next refueling shutdown.		
	02/01/92, 3rd refueling.		
2.	Scheduled date for restart following refueling.		
	04/11/92		
3.	Will refueling or resumption of operation thereafter required change or other license amendment?	ire a Techni	cal Specification
	The need for a Technical Specification change or other lice determined.	nse amendmen	t has not yet been
4.	Scheduled date for submitting proposed licensing action ar	nd supporting	information.
	N/A	(a	
5.	Important Licensing considerations associated with refuelir design or supplier, unreviewed design or performance analysi in fuel design, and new operating procedures.		
	U1C4 is typical of PVNGS reload cycles.		
6.	The number of fuel assemblies.		
	a) In the core. 241 b) In the spent fuel storage pool. 188		
7.	Licensed spent fuel storage capacity1329		
	Intended change in spent fuel storage capacity. None	_	
8.	Projected date of last refueling that can be discharged assuming present capacity.	l to spent f	uel storage pool
	2004 (18 Month reloads and full core discharge capability)	•	



SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO. <u>50-528</u>

	UNIT NAME DATE COMPLETED TELEPHONE	вч	PVNGS-1 7/9/91 K.A. Chavet (602) 340-4718
_			

<u>June 1991</u>		
06/01	00:00	Unit began the month in Mode 1, 100% RX power.
06/26	01:32	Commenced RX power reduction to 80% due to the Core Operating Limit Supervisory System (COLSS) being inoperable.
06/26	13:25	RX power back at 100%.
06/30	24:00	Unit ended the month in Mode 1, 100% RX power.

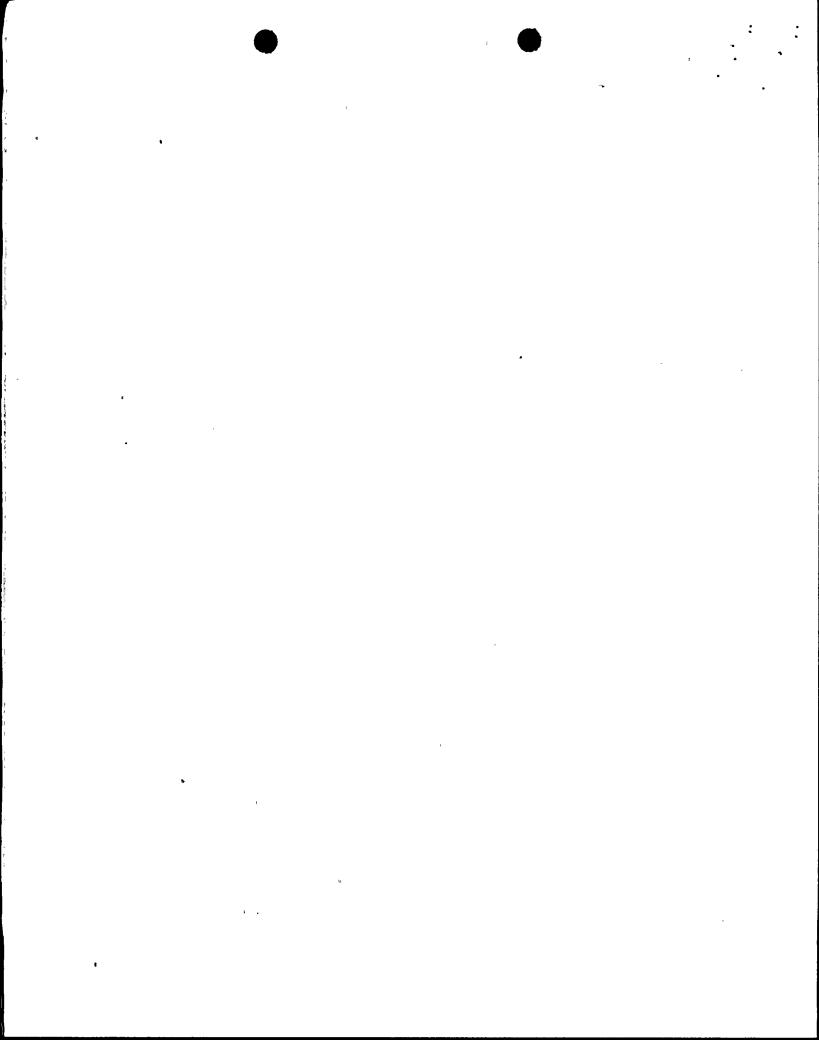
1 1 1			•			•	.: :
:	·			_			•
es f					,		
1		·	Þ				
•							
1							•
1 4 1			•				•
	1						
				•			
		1					
1							
1 1	٧.						
1 4 3 1							
					,		
! ! !						T	
				,			
						ı	

SHUTDOWNS AND POWER REDUCTIONS June 1991

DOCKET NO	50-528
UNIT NAME	PVNGS-1 ·
DATE	7/9/91
COMPLETED BY	K.A. Chavet
TELEPHONE	(602) 340-4718

No.	Date	Type ¹	Outage Duratio Hours		Method of Shutting Down Reactor ³	LER No.	System Code ⁴	Component Code ⁵	Cause and Corrective Action to Prevent Recurrence
91/02	06/26/91	S	N/A	A	5	N/A	N/A	N/A	Power reduction to 80% to the Core Operating Limit Supervisory System being inoperable.

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



NRC MONTHLY OPERATING REPORT

 DOCKET NO.
 50-529

 UNIT NAME
 PVNGS-2

 DATE
 7/9/91

 COMPLETED BY
 K.A. Chavet

 TELEPHONE
 (602) 340-4718

OPERATING STATUS

- 1. Unit Name: Palo Verde Nuclear Generating Station, Unit 2
- 2. Reporting Period: June 1991
- 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 (Item Numbers 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

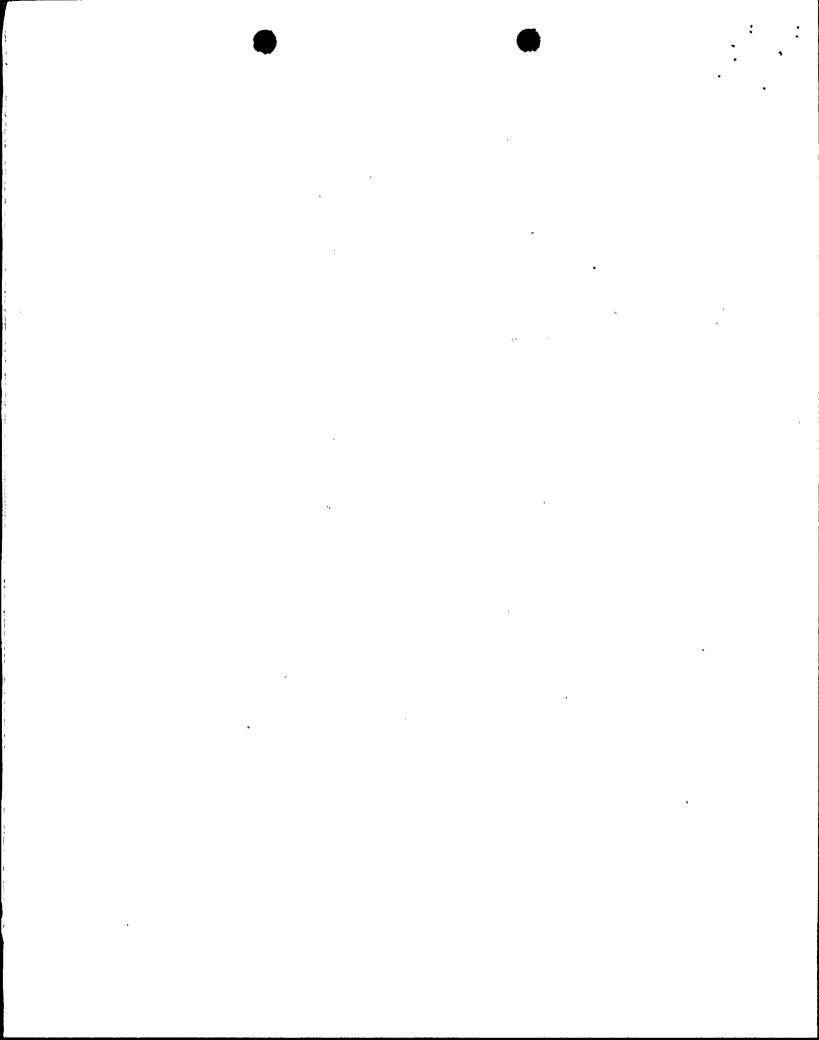
11.	Hours in Reporting Period	This Month	Yrto-Date	Cumulative
12.	Number of Hours Reactor		4,344	41,904
14.	"	720 0	4 344 0	00 071 2
4.0	Was Critical	720.0	4,344.0	28,971.3
13.	Reactor Reserve Shutdown Hours	0.0	0,0	0.0
14.	Hours Generator On-Line	<u>720.0</u>	4,344.0	28,367.4
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy			
	Generated (MWH)	2,734,422	16,452,791	104,174,192
17.	Gross Electrical Energy			
	Generated (MWH)	952,300	5,749,800	36,377,370
18.	Net Electrical Energy			
	Generated (MWH)	898,162	5,428,166	34,053,195
19.	Unit Service Factor	100.0%	100.0%	67.7%
20.	Unit Availability Factor	100.0%	100.0%	67.7%
21.	Unit Capacity Factor			
	(Using MDC Net)	102.2%	102.3%	66.6%
22.	Unit Capacity Factor			
	(Using DER Net)	98.2%	98.4%	64.0%
23.	Unit Forced Outage Rate	0.0%	0.0%	7.2%
24.	Shutdowns Scheduled Over Next 6 Mont	hs (Type, Date and	Duration of Each)	•

24. Shutdowns Scheduled Over Next 6 Months (Type, Date and Duration of Each): Refueling outage, October 17, 1991, 70 days

25. If Shutdown At End of Report Period, Estimated Date of Start-up:

INITIAL	CRITICALITY
INITIAL	ELECTRICITY
COMMERCI	AL OPERATION

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



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-529

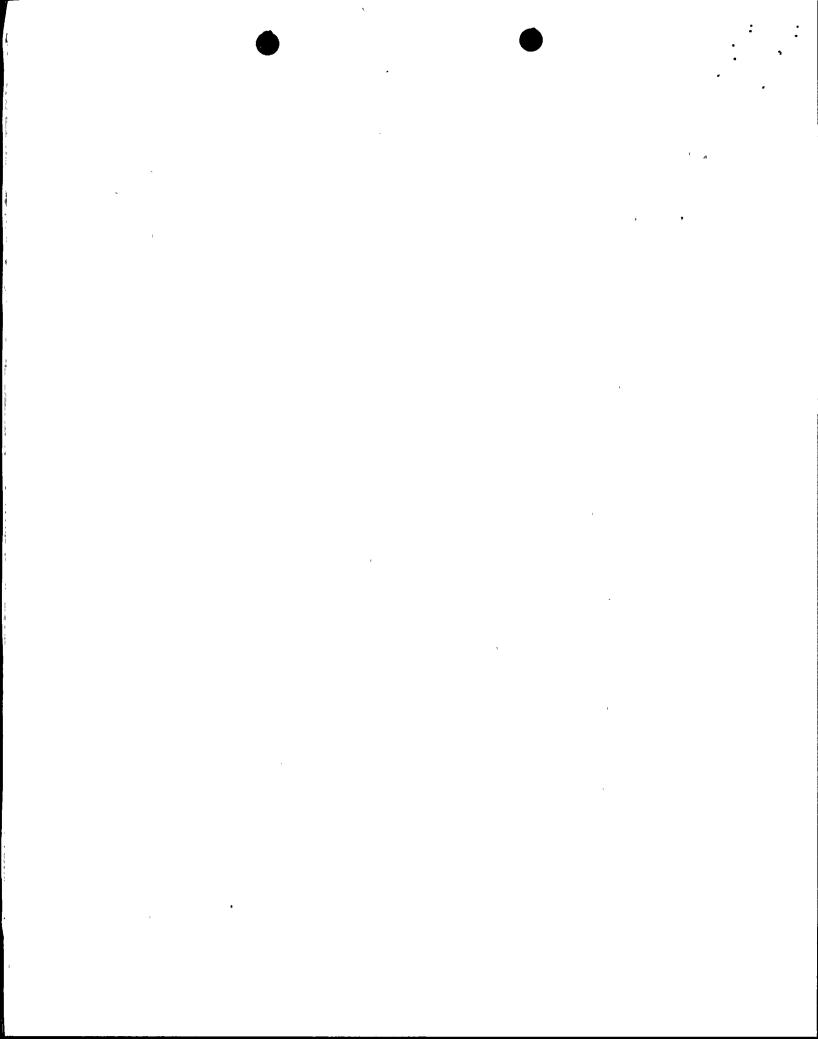
UNIT NAME PVNGS-2

DATE 7/9/91

COMPLETED BY K.A. Chavet

TELEPHONE (602) 340-4718

MONT	H: June 1991		
DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAGE DAILY POWER LEVEL
1	1248	17	1246
2	1249	18	1245
3	1246	19	1244
4	1247	20	1242
5	1245	21	1244
6	1242	22	1242
7	1243	23	1244
8 ,	1243	24	1243
9	1244	25	1245
10	1244	26	1245
11	1242	27	1244
12	1240	28	1247
13	1237	29	1238
14	1239	30	1249
15	1241		
16	1245		



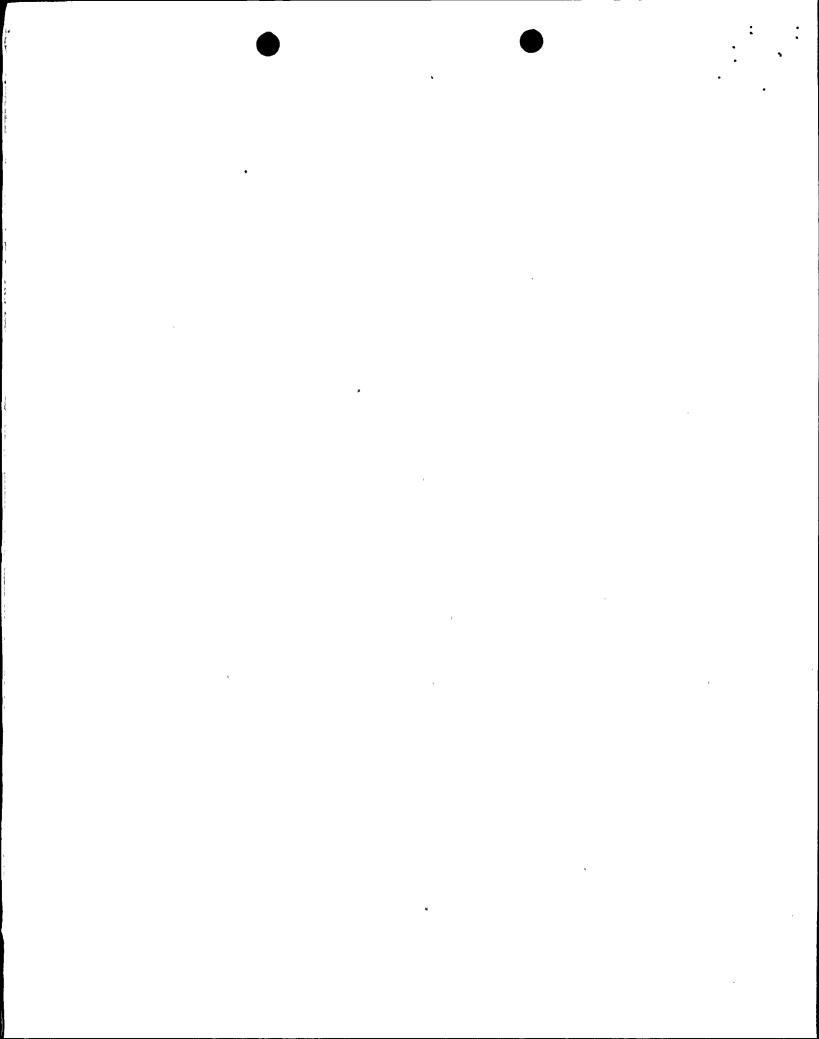
REFUELING INFORMATION

DOCKET NO.

UNIT NAME

50-529 PVNGS-2

	,	DATE COMPLETED BY TELEPHONE	7/9/91 K.A. Chavet (602) 340-4718
1.	Scheduled date for next refueling shutdown.		
	10/17/91, 3rd refueling.		
2.	Scheduled date for restart following refueling.		
	12/26/91		η,
3.	Will refueling or resumption of operation thereafter requestions of other license amendment?	uire a Techni	cal Specification
	Preliminary analyses indicate that no proposed Technical license amendment will be required as a result of the nex		n change or other
4.	Scheduled date for submitting proposed licensing action a	nd supporting	information.
	08/91		
5.	Important Licensing considerations associated with refueli design or supplier, unreviewed design or performance analys in fuel design, and new operating procedures.		
	U2C4 is typical of PVNGS reload cycles.		,
6.	The number of fuel assemblies.		
	a) In the core. 241 b) In the spent fuel storage pool. 204		
7.	Licensed spent fuel storage capacity. 1329		
	Intended change in spent fuel storage capacity. None		
8.	Projected date of last refueling that can be discharge assuming present capacity.	d to spent f	Guel storage pool
	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 <u>7/9/91</u> COMPLETED BY K.A. Chavet

TELEPHONE (602) 340-4718

June 1991

06/01 Unit began the month in Mode 1, 100% RX power. 00:00

06/30 Unit ended the month in Mode 1, 100% RX power. 24:00

SHUTDOWNS AND POWER REDUCTIONS June 1991

 DOCKET NO.
 50-529

 UNIT NAME
 PVNGS-2

 DATE
 7/9/91

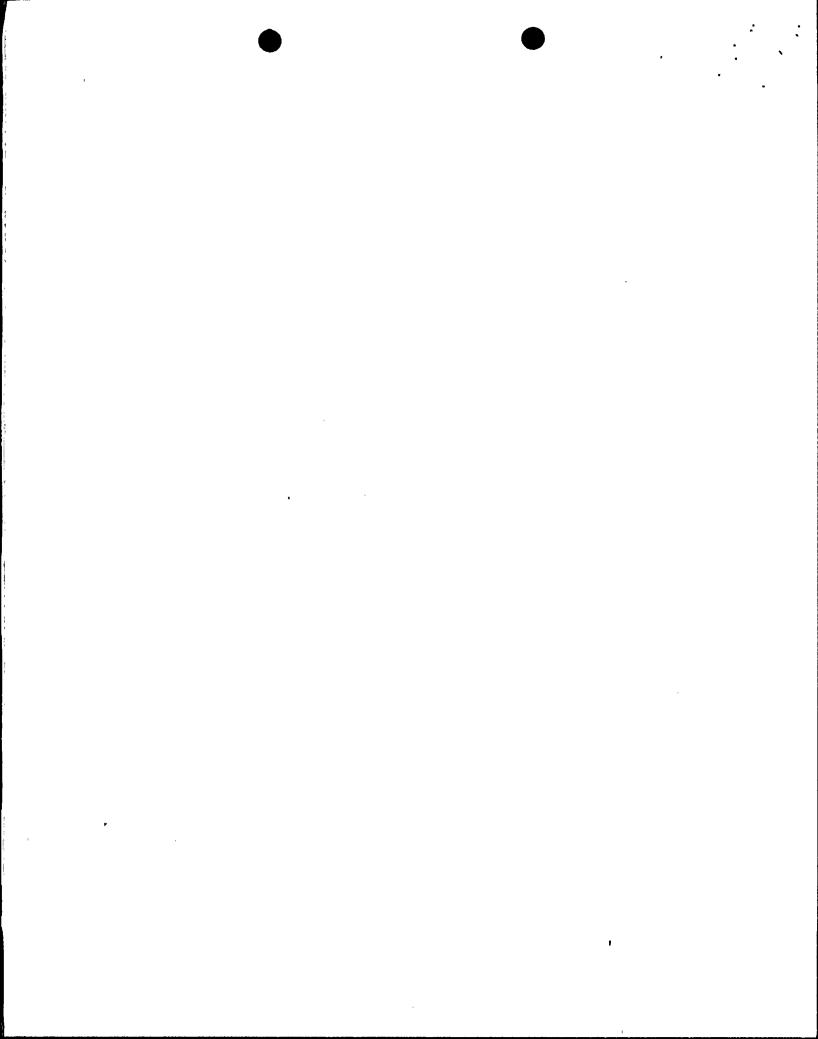
 COMPLETED BY K.A. Chavet

 TELEPHONE
 (602) 340-4718

Outage		Method of				Cause and Corrective			
No.	Date	Type ¹	Duratio Hours	n Reason ²	Shutting Down Reactor ³	LER No.	System Code ⁴	Component Code ⁵	Action to
NO.	Date	Type	nouts	Reason-	Down Reactor-	LEK NO.	code	Code	Prevent Recurrence

No Reactor Shutdowns or significant power reductions occurred during the month.

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



NRC MONTHLY OPERATING REPORT

DOCKET NO. 50-530

UNIT NAME PVNGS-3

DATE 7/9/91

COMPLETED BY K.A. Chavet

TELEPHONE (602) 340-4718

OPERATING_STATUS

- 1. Unit Name: Palo Verde Nuclear Generating Station, Unit 3
- 2. Reporting Period: June 1991
- 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 (Item Numbers 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

		·		
11.	Hours in Reporting Period	This Month 720	Yrto-Date 4,344	Cumulative
		720	4,544	30,400
12.	Number of Hours Reactor			
	Was Critical	605,1	2,416.4	19,996.1
13.	Reactor Reserve Shutdown Hours	0.0	0,0	0.0
14.	Hours Generator On-Line	<u>570,8</u>	2,347.6	19,670.8
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy			
	Generated (MWH)	1,861,693	8,298,390	71,904,617
17.	Gross Electrical Energy			
	Generated (MWH)	645,100	<u>2,908,700</u>	25,217,000
18.	Net Electrical Energy			
	Generated (MWH)	597,134	2,724,920	23,724,395
19.	Unit Service Factor	79.3%	54,0%	64.5%
20.	Unit Availability Factor	79.3%	54.0%	64.5%
21.	Unit Capacity Factor			
	(Using MDC Net)	67.9%	51.4%	63,7%
22.	Unit Capacity Factor			
	(Using DER Net)	65.3%	49.4%	61.3%
23.	Unit Forced Outage Rate	20.5%*	<u>11.0%*</u>	9.1%*
24.	Shutdowns Scheduled Over Next 6 Mont	hs (Type, Date ar	nd Duration of Each	n):
	27 / 4	· • ·		

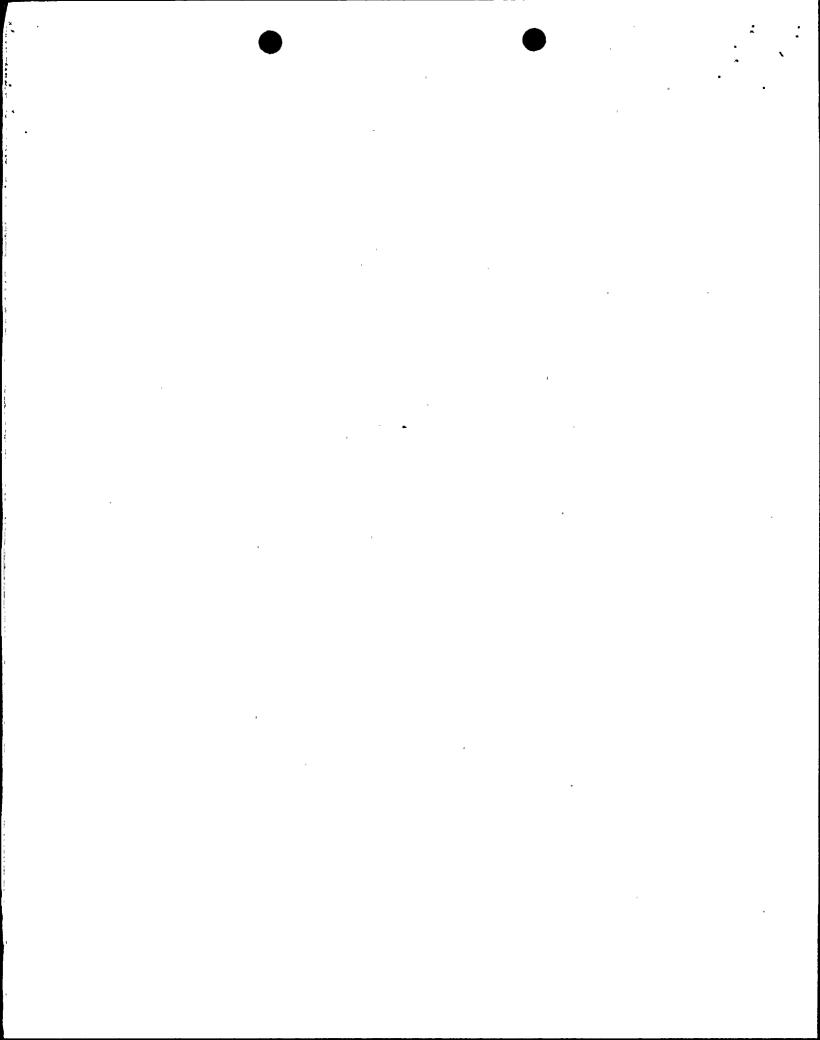
N/A

25. If Shutdown At End of Report Period, Estimated Date of Start-up: Unit ended refueling outage on 06/03/91.

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

^{*}Final analysis of the refueling outage is not complete. The forced outage rates may be lower than reported.

- 11 -



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-530

UNIT NAME PVNGS-3

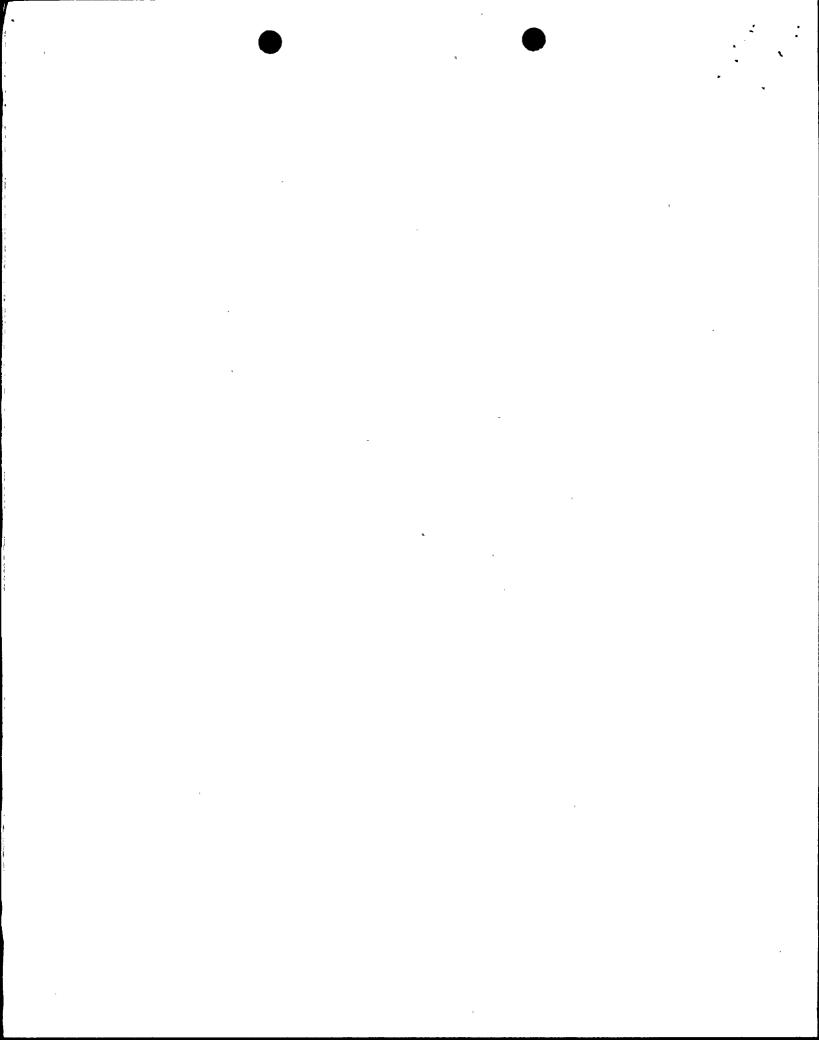
DATE 7/9/91

COMPLETED BY K.A. Chavet

TELEPHONE (602) 340-4718

MONT	H: June 1991		
DAY	AVERAGE DAILY POWER LEVEL	DAY	AVERAG
1	0	_ 17	
2	0	_ 18	·
3	4	_ 19	
4	115	_ 20	· · · · · · · · · · · · · · · · · · ·
5	345	_ 21	
6	781	_ 22	,
7	836	_ 23	
8	844	_ 24	
9	929	_ 25	
10	1230	_ 26	
11	1248	_ 27	
12	1246	_ 28 .	
13	1257	_ 29	
14	1261	_ 30	
15	1262	-	
16	1261	-	
		-	

DAY	AVERAGE DAILY POWER LEVEL
17 _	1262
18 _	1262
19 _	509
20 _	0
21 _	0
22 _	0
23 _	644
24 _	1258
25 _	1261
26 _	1254
27 _	1248
28 _	1262
29 _	1262
30 _	1260

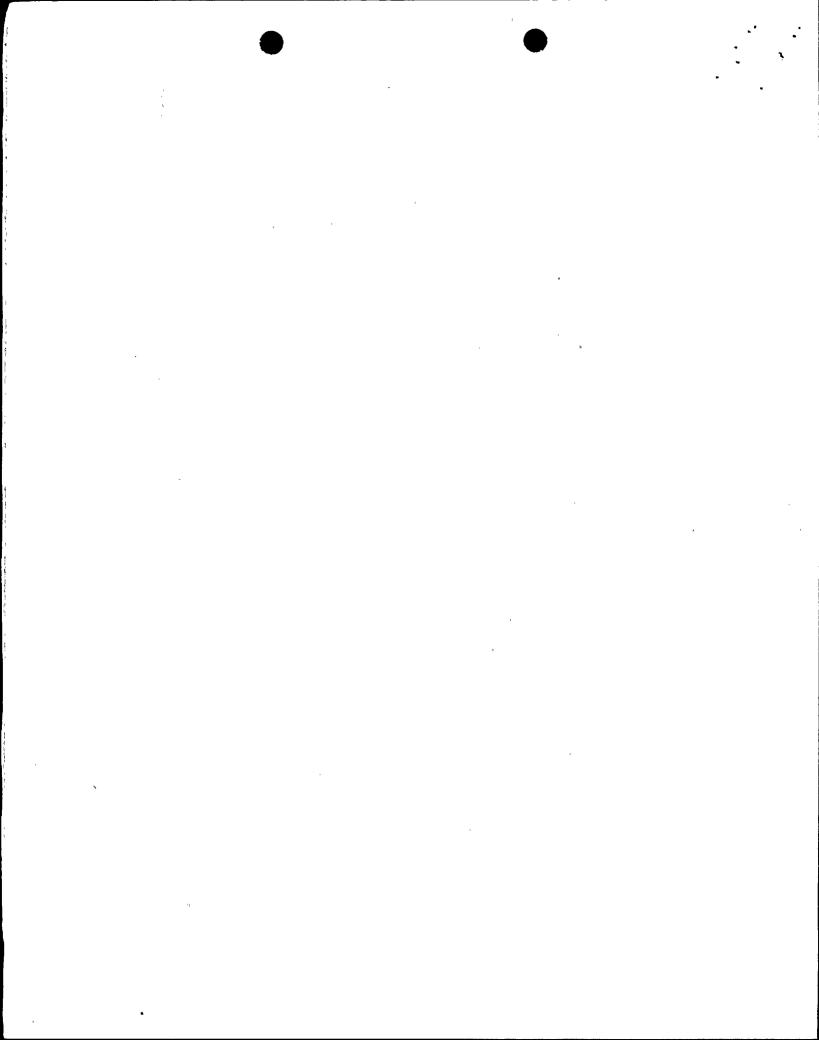


REFUELING INFORMATION

DOCKET NO.

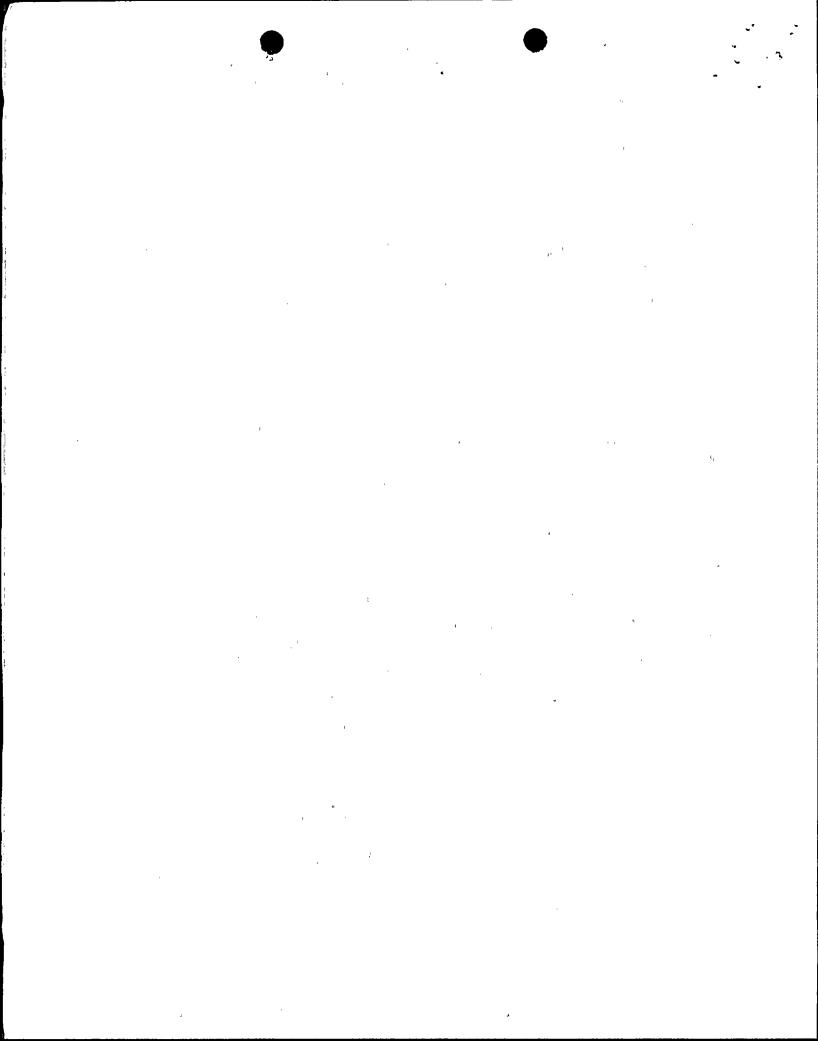
50-530

	UNIT NAME PVNGS-3 DATE ' 7/9/91 COMPLETED BY K.A. Chavet TELEPHONE (602) 340-4718
1.	Scheduled date for next refueling shutdown.
	Unit 3 was completing the refueling outage at the end of the month. The next refueling outage is scheduled for 09/15/92.
2.	Scheduled date for restart following refueling.
	The scheduled restart date for the current refueling outage was 05/26/91. The actual restart date was 06/03/91. The restart date for the next refueling outage is 11/14/92.
3.	Will refueling or resumption of operation thereafter require a Technical Specification change or other license amendment?
	The need for a Technical Specification change or other license amendment has not yet been determined.
4.	Scheduled date for submitting proposed licensing action and supporting information.
	N/A
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, and new operating procedures.
	U3C4 is typical of PVNGS reload cycles.
6.	The number of fuel assemblies.
	a) In the core. 241 b) In the spent fuel storage pool. 192
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

	11	DOCKET NO. <u>50-530</u> UNIT NAME <u>PVNGS-3</u> DATE 7/9/91
		COMPLETED BY K.A. Chavet
<u>June 1991</u>		TELEPHONE (602) 340-4718
06/01	00:00	Unit began the month in Mode 2, low power physics testing.
06/01	07:43	Entered Mode 3 for CEA troubleshooting and maintenance.
06/02	16:38	Entered Mode 2, continuation of low power physics testing.
06/03	01:38	Entered Mode 1.
06/03	11:32	Synchronized main generator to the grid. Refueling outage ended.
06/03	15:54	Manually tripped turbine/generator for planned overspeed testing and valve tightness testing.
06/03	18:11	Synchronized main generator to the grid, increased power to the 20% testing plateau.
06/05	03:29	Stopped power increase at 36% RX power due to CPC 'C' failure.
06/05	19:30	Commenced RX power ascension to the 70% testing plateau.
06/09	12:52	Commenced RX power ascension to 100% RX power.
06/10	12:56	RX power at 100%.
06/19	10:02	Inadvertent CSAS (Containment Spray Actuation Signal) during performance of surveillance test.
06/19	10:04	RX manually tripped after verification of CSAS.
06/20	05:31	Entered Mode 4.
06/20	13:08	Entered Mode 5 to troubleshoot cause of CSAS.
06/22	00:24	Entered Mode 4.
06/22	04:28	Entered Mode 3.
06/22	20:00	Entered Mode 2.
06/22	22:27	Entered Mode 1.
06/23	01:00	Synchronized generator to the grid.
06/23	23:12	RX power at 100%.
06/30	24:00	Unit ended the month in Mode 1, 100% RX power.



SHUTDOWNS AND POWER REDUCTIONS June 1991

DOCKET NO 50-530 '
UNIT NAME PVNGS-3 '
DATE 7/9/91
COMPLETED BY K.A. Chavet
TELEPHONE (602) 340-4718

No.	Date	Type ¹	Outage Duratio Hours		Method of Shutting Down Reactor ³	LER No.	System Code ⁴	Component Code ⁵	Cause and Corrective Action to Prevent Recurrence
91/03			59.5	С	4	N/A	N/A	N/A	Conclusion of 2nd refuel outage. Outage lasted 1906.6 hours.
91/04	06/19/91	F	87.4	A	2	N/A	N/A	N/A	Faulty switch caused inadvertent Containment Spray Actuation Signal during surveillance testing. Manually tripped reactor per procedure after verifying containment spray.

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

