



**TXU Energy**  
Comanche Peak Steam  
Electric Station  
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**C. Lance Terry**  
Senior Vice President &  
Principal Nuclear Officer

Ref: #10CFR50.36

CPSES-200203965  
Log # TXX-02211  
File # 10010.2 (RP-84)

December 16, 2002

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555

SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION (CPSES)  
DOCKET NOS. 50-445 AND 50-446  
MONTHLY OPERATING REPORT FOR NOVEMBER 2002

Gentlemen:

Attached is the Monthly Operating Report for November 2002, prepared and submitted pursuant to Technical Specification 5.6.4 contained in Appendix A to the CPSES Units 1 and 2 Operating License, Nos. NPF-87 and NPF-89, respectively. During this reporting period, there have been no failures or challenges to the Power Operated Relief Valves or Safety Valves for CPSES Unit 1 and Unit 2.

IE24

A member of the **STARS** (Strategic Teaming and Resource Sharing) Alliance

Callaway • Comanche Peak • Diablo Canyon • Palo Verde • South Texas Project • Wolf Creek

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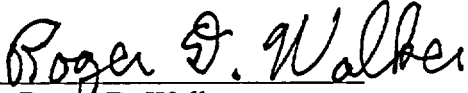
This communication contains no new licensing basis commitments regarding CPSES Units 1 and 2. Should you have any questions, please contact Douglas W. Snow at (254) 897-8448.

Sincerely,

TXU Generation Company LP

By: TXU Generation Management Company LLC  
Its General Partner

C. L. Terry  
Senior Vice President and Principal Nuclear Officer

By:   
Roger D. Walker  
Regulatory Affairs Manager

DWS/dws  
Attachment

cc - Mr. E.W. Merschoff, Region IV  
Mr. W.D. Johnson, Region IV  
Mr. D.H. Jaffe, NRR  
Resident Inspectors



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-445  
UNIT: CPSES 1  
DATE: 12/12/2002  
COMPLETED BY: Herb Kenyon  
TELEPHONE: 254-897-6382

MONTH: NOVEMBER 2002

AVERAGE DAILY POWER LEVEL		AVERAGE DAILY POWER LEVEL	
DAY	Mwe-Net	DAY	MWe-Net
1	0	17	0
2	0	18	66
3	0	19	227
4	0	20	516
5	0	21	889
6	0	22	892
7	0	23	771
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	128
12	0	28	700
13	0	29	1082
14	0	30	970
15	0		
16	0		

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-445  
 UNIT: CPSES 1  
 DATE: 12/12/2002  
 COMPLETED BY: Herb Kenyon  
 TELEPHONE: 254-897-6382

MONTH: NOVEMBER 2002

DAY	TIME	REMARK/MODE
11/01	0000	Unit began the month in Mode 5 1RF09 in progress.
11/08	1125	Unit entered Mode 4, 1RF09 in progress.
11/09	0601	Unit entered Mode 3, 1RF09 in progress.
11/10	2126	Unit entered Mode 2, 1RF09 in progress.
	2322	Reactor critical, 1RF09 in progress.
11/11	1646	Unit returned to Mode 3 for repairs to Main Steam Isolation Valve (MSIV) 1-04. Normal plant shutdown, entered Mode 3, 1RF09 in progress.
11/12	0000	Unit in Mode 4, 1RF09 in progress.
	0339	Unit is cooled down to Mode 5, 1RF09 in progress.
11/14	2250	Repairs completed to MSIV 1-04. Unit entered Mode 4, 1RF09 in progress.
11/15	0933	Unit entered Mode 3, 1RF09 in progress.
11/16	0322	Unit entered Mode 2, 1RF09 in progress.
	0434	Reactor is critical, 1RF09 in progress.
	1141	Unit entered Mode 1, 1RF09 in progress.
	1213	Speed fluctuations during Turbine roll-up, Electro Hydraulic Control (EHC) tripped off. Manual turbine trip. Decision to enter Mode 2.
	1323	Unit entered Mode 2, investigating turbine EHC.
	2036	EHC repairs completed, Unit entered Mode 1, 1RF09 in progress.
	2310	Unit re-entered Mode 2, tripped main turbine due to primary water pump seal leak.

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-445  
 UNIT: CPSES 1  
 DATE: 12/12/2002  
 COMPLETED BY: Herb Kenyon  
 TELEPHONE: 254-897-6382

MONTH: NOVEMBER 2002

DAY	TIME	REMARK/MODE
11/17	0240	Normal plant shutdown, entered Mode 3 for primary water pump seal repairs.
	2301	Seal repairs complete, Unit entered Mode 2, 1RF09 in progress.
	2324	Unit reactor is critical.
11/18	0520	Unit entered Mode 1, 1RF09 in progress.
	0816	Unit synchronized to the grid, ending 1RF09 refueling outage.
	1330	Unit at 28% power.
11/20	0317	Unit commenced ramping to 45% power.
	0745	Unit holding at 45% power (QTPR).
	1035	Unit commenced ramping to 80% power.
11/21	0135	Unit stabilized at 80% power.
11/23	1940	Unit commenced downpower from 80%, due to damaged pressure seal on 1MS-0063 valve.
	2127	Normal plant shutdown, entered Mode 3.
11/24	0158	Unit entered Mode 4 cooldown to start repairs of 1MS-0063.
	0506	Unit is in Mode 5, preparations to start work on 1MS-0063.
11/25	0915	Repairs to 1MS-0063 complete, Unit entered Mode 4.
	1743	Unit entered Mode 3.
11/26	1700	Unit entered Mode 2.
	1722	Reactor critical but outside expected range for criticality projections.
	2213	Unit returned to Mode 3 due to criticality achieved outside of expected range.
11/27	0135	Unit entered Mode 2.

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-445  
UNIT: CPSES 1  
DATE: 12/12/2002  
COMPLETED BY: Herb Kenyon  
TELEPHONE: 254-897-6382

MONTH: NOVEMBER 2002

DAY	TIME	REMARK/MODE
11/27	0206	Reactor critical.
11/27	0443	Unit in Mode 1.
	0722	Unit synchronized to grid.
	2320	Unit at 45% power.
11/28	1816	Unit commenced ramping to 82% power.
	2000	Unit at 83% power.
11/29	0223	Unit commenced ramping to 90% power.
	1112	Unit at full power.
11/30	1412	Unit dropped control rod (G13) reduced load.
	1443	Unit commenced downpower to 75% power.
	1553	Unit stable at 75% power.
	1910	Unit commenced downpower to 60% power.
	2005	Unit stable at 60% power.
	2105	Unit commenced downpower to 48% power.
	2135	Unit stable at 48% power.
	2400	Unit ended the month in Mode 1, at 48% power while trouble shooting the dropped control rod.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-445  
 UNIT: CPSES 1  
 DATE: 12/12/2002  
 COMPLETED BY: Herb Kenyon  
 TELEPHONE: 254-897-6382

REPORT MONTH: NOVEMBER 2002

NO	DATE	TYPE F: FORCED S: SCHEDULED	DURATION* (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTION/COMMENTS
2b	021101	S	416.27	C	4	Started month in Mode 5 1RF09. 1RF09 concluded with synchronization to the grid on November 18, 2002, at 0816 hours. (See previous pages for additional details.)
3	021123	F	81.92	A	1	On November 20, 2002, the pressure seal was damaged for 1MS-0063, while performing a hot torque on the valve. A decision was made to take the unit off line and down to Mode 5 to perform repairs on the valve. On November 23, 2002, at 1940 hours, unit commenced shut down from 80% power and was taken off line at 2127 hours. Valve repairs were successful and on November 27, 2002, at 0722 hours, unit was synchronized back to the grid. The unit reached full power on November 29, 2002, at 1112 hours. (See previous pages for additional details.)
4a	021130	F		A	4	On November 30, at 1412 hours, reactor control rod G13 in shutdown bank B, unexpectedly dropped into the core. Unit ended the month investigating cause of failure. (See previous pages for additional details.)

1) REASON

A: EQUIPMENT FAILURE (EXPLAIN)      E: OPERATOR TRAINING AND LICENSE EXAMINATION  
 B: MAINT OR TEST                      F: ADMINISTRATIVE  
 C: REFUELING                            G: OPERATIONAL ERROR (EXPLAIN)  
 D: REGULATORY RESTRICTION        H: OTHER (EXPLAIN)

2) METHOD

1: MANUAL  
 2: MANUAL SCRAM  
 3: AUTOMATIC SCRAM  
 4: OTHER (EXPLAIN)

- INDICATES SHUTDOWN HOURS/OTHERWISE "NA" FOR NOT APPLICABLE





AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-446  
UNIT: CPSES 2  
DATE: 12/12/2002  
COMPLETED BY: Herb Kenyon  
TELEPHONE: 254-897-6382

MONTH: NOVEMBER 2002

AVERAGE DAILY POWER LEVEL

DAY	MWe-Net
1	1144
2	1146
3	1145
4	1145
5	1145
6	1128
7	1060
8	1143
9	1144
10	1144
11	1145
12	1145
13	1144
14	1144
15	1144
16	1144

AVERAGE DAILY POWER LEVEL

DAY	MWe-Net
17	1144
18	1145
19	1145
20	1146
21	1145
22	1146
23	1145
24	1144
25	1144
26	1144
27	1143
28	1143
29	1145
30	1146

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-446  
UNIT: CPSES 2  
DATE: 12/12/2002  
COMPLETED BY: Herb Kenyon  
TELEPHONE: 254-897-6382

MONTH: NOVEMBER 2002

DAY	TIME	REMARK/MODE
11/01	0000	Unit began the month at full power.
11/06	2003	Two of four turbine control valves went to full open, which resulted in a steam and feedwater mismatch. Power was reduced to 78% to troubleshoot.
11/07	0307	Swapped turbine control to EHC. Load reduced to 65% power.
	0325	Commenced power ramp to full power.
	0930	Unit at full power.
11/30	2400	Unit ended the month at full power.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-446  
 UNIT: CPSES 2  
 DATE: 12/12/2002  
 COMPLETED BY: Herb Kenyon  
 TELEPHONE: 254-897-6382

REPORT MONTH: NOVEMBER 2002

NO	DATE	TYPE F: FORCED S: SCHEDULED	DURATION* (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTION/COMMENTS
1	021106	F		A	4	On November 6, 2002, at 2003 hours, the control system for the Turbine Generator malfunctioned resulting in a load rejection. Operator action stabilized the unit, lowering power to 78% and ultimately to 65% to effect repairs. Repairs were completed and the unit returned to full power on November 7, 2002, at 0930 hours. (See previous page for additional details.)

1) REASON

- A: EQUIPMENT FAILURE (EXPLAIN)
- B: MAINT OR TEST
- C: REFUELING
- D: REGULATORY RESTRICTION
- E: OPERATOR TRAINING AND LICENSE EXAMINATION
- F: ADMINISTRATIVE
- G: OPERATIONAL ERROR (EXPLAIN)
- H: OTHER (EXPLAIN)

2) METHOD

- 1: MANUAL
- 2: MANUAL SCRAM
- 3: AUTOMATIC SCRAM
- 4: OTHER (EXPLAIN)

\* INDICATES SHUTDOWN HOURS/OTHERWISE "NA" FOR NOT APPLICABLE

# CORRESPONDENCE DISTRIBUTION

To: Distribution

File Number: 10010.1

Document Number: TXX-02211

Document Issue Dt: 12/12/02

**Title / Subject: MONTHLY OPERATING REPORT FOR NOVEMBER 2002**

**Comments: If you have any questions, please contact Douglas W. Snow @ (254) 897-8448, e-mail dsnow2@TXU.com.**

**Regulatory Affairs Contact: DWS**

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**Special distribution instructions: Yes / No (If yes, attach separate sheet with instructions)**

FC - First Class Mail  
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ORC - Part 21 submittals/ incoming notifications, LER and descriptions for LBD changes.  
 NODIL - Correspondence related to material/component acceptability  
 VENDOR - Vendor documents per STA-206 (Vendor Document Group)



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Ref: #10CFR50.36

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Log # TXX-02211  
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December 16, 2002

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
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**SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION (CPSES)  
DOCKET NOS. 50-445 AND 50-446  
MONTHLY OPERATING REPORT FOR NOVEMBER 2002**

Gentlemen:

Attached is the Monthly Operating Report for November 2002, prepared and submitted pursuant to Technical Specification 5.6.4 contained in Appendix A to the CPSES Units 1 and 2 Operating License, Nos. NPF-87 and NPF-89, respectively. During this reporting period, there have been no failures or challenges to the Power Operated Relief Valves or Safety Valves for CPSES Unit 1 and Unit 2.

A member of the **STARS** (Strategic Teaming and Resource Sharing) Alliance

Callaway • Comanche Peak • Diablo Canyon • Palo Verde • South Texas Project • Wolf Creek

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Page 2 of 2

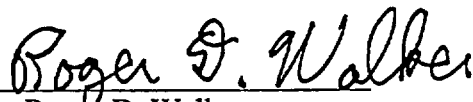
This communication contains no new licensing basis commitments regarding CPSES Units 1 and 2. Should you have any questions, please contact Douglas W. Snow at (254) 897-8448.

Sincerely,

TXU Generation Company LP

By: TXU Generation Management Company LLC  
Its General Partner

C. L. Terry  
Senior Vice President and Principal Nuclear Officer

By:   
Roger D. Walker  
Regulatory Affairs Manager

DWS/dws  
Attachment

cc - Mr. E.W. Merschoff, Region IV  
Mr. W.D. Johnson, Region IV  
Mr. D.H. Jaffe, NRR  
Resident Inspectors

COMANCHE PEAK STEAM ELECTRIC STATION, UNIT 1  
 NRC MONTHLY OPERATING REPORT

DOCKET NO.: 50-445  
 UNIT: CPSES 1  
 DATE: 12/12/2002  
 COMPLETED BY: Herb Kenyon  
 TELEPHONE: 254-897-6382

OPERATING STATUS

1. REPORTING PERIOD: NOVEMBER 2002 GROSS HOURS IN REPORTING PERIOD: 720
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 3458\*\* MAX. DEPEND. CAPACITY (MWe-Net): 1150\*  
 DESIGN ELECTRICAL RATING (MWe-Net): 1150
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): NONE
4. REASON FOR RESTRICTION (IF ANY):

	THIS MONTH	YR TO DATE	CUMULATIVE
5. NUMBER OF HOURS REACTOR WAS CRITICAL	280.3	6,762.5	93,996
6. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	2,871
7. HOURS GENERATOR ON LINE	221.8	6,704.0	93,152
8. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)	491,755	22,554,957	308,537,087
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	160,058	7,603,803	103,370,424
11. NET ELECTRICAL ENERGY GENERATED (MWH)	133,829	7,278,552	98,852,457
12. REACTOR SERVICE FACTOR	38.9	84.4	87.2
13. REACTOR AVAILABILITY FACTOR	38.9	84.4	89.8
14. UNIT SERVICE FACTOR	30.8	83.6	86.4
15. UNIT AVAILABILITY FACTOR	30.8	83.6	86.4
16. UNIT CAPACITY FACTOR (USING MDC)	16.2	79.0	79.7
17. UNIT CAPACITY FACTOR (USING DESIGN MWe)	16.2	79.0	79.7
18. UNIT FORCED OUTAGE RATE	27.0	3.7	3.0

19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):
20. IF SHUTDOWN AT END OF REPORTING PERIOD, ESTIMATED DATE OF STARTUP: Ref. SECY-99-034
21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): ACHIEVED

COMMERCIAL OPERATION 900813

\*ESTIMATED

\*\*TS Amendment 89 and TRM Revision 38 for uprate of 1.4% .



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-445  
UNIT: CPSES 1  
DATE: 12/12/2002  
COMPLETED BY: Herb Kenyon  
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MONTH: NOVEMBER 2002

AVERAGE DAILY POWER LEVEL		AVERAGE DAILY POWER LEVEL	
DAY	Mwe-Net	DAY	MWe-Net
1	0	17	0
2	0	18	66
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DATE: 12/12/2002  
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TELEPHONE: 254-897-6382

MONTH: NOVEMBER 2002

DAY	TIME	REMARK/MODE
11/01	0000	Unit began the month in Mode 5 1RF09 in progress.
11/08	1125	Unit entered Mode 4, 1RF09 in progress.
11/09	0601	Unit entered Mode 3, 1RF09 in progress.
11/10	2126	Unit entered Mode 2, 1RF09 in progress.
	2322	Reactor critical, 1RF09 in progress.
11/11	1646	Unit returned to Mode 3 for repairs to Main Steam Isolation Valve (MSIV) 1-04. Normal plant shutdown, entered Mode 3, 1RF09 in progress.
11/12	0000	Unit in Mode 4, 1RF09 in progress.
	0339	Unit is cooled down to Mode 5, 1RF09 in progress.
11/14	2250	Repairs completed to MSIV 1-04. Unit entered Mode 4, 1RF09 in progress.
11/15	0933	Unit entered Mode 3, 1RF09 in progress.
11/16	0322	Unit entered Mode 2, 1RF09 in progress.
	0434	Reactor is critical, 1RF09 in progress.
	1141	Unit entered Mode 1, 1RF09 in progress.
	1213	Speed fluctuations during Turbine roll-up, Electro Hydraulic Control (EHC) tripped off. Manual turbine trip. Decision to enter Mode 2.
	1323	Unit entered Mode 2, investigating turbine EHC.
	2036	EHC repairs completed, Unit entered Mode 1, 1RF09 in progress.
	2310	Unit re-entered Mode 2, tripped main turbine due to primary water pump seal leak.

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-445  
UNIT: CPSES 1  
DATE: 12/12/2002  
COMPLETED BY: Herb Kenyon  
TELEPHONE: 254-897-6382

MONTH: NOVEMBER 2002

DAY	TIME	REMARK/MODE
11/17	0240	Normal plant shutdown, entered Mode 3 for primary water pump seal repairs.
	2301	Seal repairs complete, Unit entered Mode 2, 1RF09 in progress.
	2324	Unit reactor is critical.
11/18	0520	Unit entered Mode 1, 1RF09 in progress.
	0816	Unit synchronized to the grid, ending 1RF09 refueling outage.
	1330	Unit at 28% power.
11/20	0317	Unit commenced ramping to 45% power.
	0745	Unit holding at 45% power (QTPR).
	1035	Unit commenced ramping to 80% power.
11/21	0135	Unit stabilized at 80% power.
11/23	1940	Unit commenced downpower from 80%, due to damaged pressure seal on 1MS-0063 valve.
	2127	Normal plant shutdown, entered Mode 3.
11/24	0158	Unit entered Mode 4 cooldown to start repairs of 1MS-0063.
	0506	Unit is in Mode 5, preparations to start work on 1MS-0063.
11/25	0915	Repairs to 1MS-0063 complete, Unit entered Mode 4.
	1743	Unit entered Mode 3.
11/26	1700	Unit entered Mode 2.
	1722	Reactor critical but outside expected range for criticality projections.
	2213	Unit returned to Mode 3 due to criticality achieved outside of expected range.
11/27	0135	Unit entered Mode 2.

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-445  
UNIT: CPSES 1  
DATE: 12/12/2002  
COMPLETED BY: Herb Kenyon  
TELEPHONE: 254-897-6382

MONTH: NOVEMBER 2002

DAY	TIME	REMARK/MODE
11/27	0206	Reactor critical.
11/27	0443	Unit in Mode 1.
	0722	Unit synchronized to grid.
	2320	Unit at 45% power.
11/28	1816	Unit commenced ramping to 82% power.
	2000	Unit at 83% power.
11/29	0223	Unit commenced ramping to 90% power.
	1112	Unit at full power.
11/30	1412	Unit dropped control rod (G13) reduced load.
	1443	Unit commenced downpower to 75% power.
	1553	Unit stable at 75% power.
	1910	Unit commenced downpower to 60% power.
	2005	Unit stable at 60% power.
	2105	Unit commenced downpower to 48% power.
	2135	Unit stable at 48% power.
	2400	Unit ended the month in Mode 1, at 48% power while trouble shooting the dropped control rod.

UNIT SHUTDOWNS AND POWER REDUCTIONS

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REPORT MONTH: NOVEMBER 2002

NO	DATE	TYPE F: FORCED S: SCHEDULED	DURATION* (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTION/COMMENTS
2b	021101	S	416.27	C	4	Started month in Mode 5 1RF09. 1RF09 concluded with synchronization to the grid on November 18, 2002, at 0816 hours. (See previous pages for additional details.)
3	021123	F	81.92	A	1	On November 20, 2002, the pressure seal was damaged for 1MS-0063, while performing a hot torque on the valve. A decision was made to take the unit off line and down to Mode 5 to perform repairs on the valve. On November 23, 2002, at 1940 hours, unit commenced shut down from 80% power and was taken off line at 2127 hours. Valve repairs were successful and on November 27, 2002, at 0722 hours, unit was synchronized back to the grid. The unit reached full power on November 29, 2002, at 1112 hours. (See previous pages for additional details.)
4a	021130	F		A	4	On November 30, at 1412 hours, reactor control rod G13 in shutdown bank B, unexpectedly dropped into the core. Unit ended the month investigating cause of failure. (See previous pages for additional details.)

1) REASON

A: EQUIPMENT FAILURE (EXPLAIN)      E: OPERATOR TRAINING AND LICENSE EXAMINATION  
 B: MAINT OR TEST                      F: ADMINISTRATIVE  
 C: REFUELING                            G: OPERATIONAL ERROR (EXPLAIN)  
 D: REGULATORY RESTRICTION        H: OTHER (EXPLAIN)

2) METHOD

1: MANUAL  
 2: MANUAL SCRAM  
 3: AUTOMATIC SCRAM  
 4: OTHER (EXPLAIN)

- INDICATES SHUTDOWN HOURS/OTHERWISE "NA" FOR NOT APPLICABLE



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-446  
UNIT: CPSES 2  
DATE: 12/12/2002  
COMPLETED BY: Herb Kenyon  
TELEPHONE: 254-897-6382

MONTH: NOVEMBER 2002

AVERAGE DAILY POWER LEVEL

AVERAGE DAILY POWER LEVEL

DAY	MWe-Net
1	1144
2	1146
3	1145
4	1145
5	1145
6	1128
7	1060
8	1143
9	1144
10	1144
11	1145
12	1145
13	1144
14	1144
15	1144
16	1144

DAY	MWe-Net
17	1144
18	1145
19	1145
20	1146
21	1145
22	1146
23	1145
24	1144
25	1144
26	1144
27	1143
28	1143
29	1145
30	1146

SUMMARY OF OPERATING EXPERIENCE FOR THE MONTH

DOCKET NO.: 50-446  
UNIT: CPSES 2  
DATE: 12/12/2002  
COMPLETED BY: Herb Kenyon  
TELEPHONE: 254-897-6382

MONTH: NOVEMBER 2002

DAY	TIME	REMARK/MODE
11/01	0000	Unit began the month at full power.
11/06	2003	Two of four turbine control valves went to full open, which resulted in a steam and feedwater mismatch. Power was reduced to 78% to troubleshoot.
11/07	0307	Swapped turbine control to EHC. Load reduced to 65% power.
	0325	Commenced power ramp to full power.
	0930	Unit at full power.
11/30	2400	Unit ended the month at full power.



UNIT SHUTDOWNS AND POWER REDUCTIONS

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REPORT MONTH: NOVEMBER 2002

NO	DATE	TYPE F: FORCED S: SCHEDULED	DURATION* (HOURS)	REASON	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER	CORRECTIVE ACTION/COMMENTS
1	021106	F		A	4	On November 6, 2002, at 2003 hours, the control system for the Turbine Generator malfunctioned resulting in a load rejection. Operator action stabilized the unit, lowering power to 78% and ultimately to 65% to effect repairs. Repairs were completed and the unit returned to full power on November 7, 2002, at 0930 hours. (See previous page for additional details.)

1) REASON

A: EQUIPMENT FAILURE (EXPLAIN)  
 B: MAINT OR TEST  
 C: REFUELING  
 D: REGULATORY RESTRICTION

E: OPERATOR TRAINING AND LICENSE EXAMINATION  
 F: ADMINISTRATIVE  
 G: OPERATIONAL ERROR (EXPLAIN)  
 H: OTHER (EXPLAIN)

2) METHOD

1: MANUAL  
 2: MANUAL SCRAM  
 3: AUTOMATIC SCRAM  
 4: OTHER (EXPLAIN)

\* INDICATES SHUTDOWN HOURS/OTHERWISE "NA" FOR NOT APPLICABLE