



South Texas Project Nuclear Operating Company P.O. Box 289 Wadsworth, Texas 77483


December 13, 2004  
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10CFR50.71  
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U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
One White Flint North  
11555 Rockville Pike  
Rockville, MD 20852

South Texas Project  
Units 1 and 2  
Docket Nos. STN 50-498, STN 50-499  
Monthly Operating Reports for November 2004

Pursuant to 10CFR50.71(a) and South Texas Project Electric Generating Station (STPEGS) Technical Specification 6.9.1.5, attached are the Monthly Operating Reports for November 2004.

If you should have any questions on this matter, please contact R.L. Hill at (361) 972-7667.

  
F.H. Mallen  
General Manager,  
Financial Support

Attachments: 1) STPEGS Unit 1 Monthly Operating Report – November 2004  
2) STPEGS Unit 2 Monthly Operating Report – November 2004

IE24

cc:  
(paper copy)

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SOUTH TEXAS PROJECT  
ELECTRIC GENERATING STATION  
UNIT 1  
MONTHLY OPERATING REPORT  
NOVEMBER 2004  
STP NUCLEAR OPERATING COMPANY  
NRC DOCKET NO. 50-498  
LICENSE NO. NPF-76

Approved By:

G.L. PARKEY

*G.L. Parkey*

Date

12/13/04

## MONTHLY SUMMARY

South Texas Project Unit 1 operated during the reporting period at full power with no unit shutdowns or significant power reductions.

# OPERATING DATA REPORT

DOCKET NO. 50-498  
UNIT 1  
DATE Dec. 7, 2004  
COMPLETED BY R.L. Hill  
TELEPHONE 361-972-7667

## OPERATING STATUS

1. REPORTING PERIOD: 11/1/04 - 11/30/04 GROSS HOURS IN REPORTING PERIOD: 720
2. CURRENTLY AUTHORIZED POWER LEVEL (Mwt): 3,853  
MAXIMUM DEPENDABLE CAPACITY (MWe-Net): 1,250.6  
DESIGN ELECTRICAL RATING (MWe-Net): 1,250.6
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): None
4. REASONS FOR RESTRICTION (IF ANY): N/A

	THIS MONTH	YR TO DATE	CUMULATIVE
5. NUMBER OF HOURS REACTOR CRITICAL	<u>720.0</u>	<u>7,984.9</u>	<u>112,000.4</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE	<u>720.0</u>	<u>7,968.8</u>	<u>110,296.3</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>2,785,921</u>	<u>30,797,505</u>	<u>413,764,962</u>
10. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>924,382</u>	<u>10,182,415</u>	<u>135,257,252</u>
11. REACTOR SERVICE FACTOR (%)	<u>100.0</u>	<u>99.3</u>	<u>78.5</u>
12. REACTOR AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>99.3</u>	<u>78.5</u>
13. UNIT SERVICE FACTOR (%)	<u>100.0</u>	<u>99.1</u>	<u>77.3</u>
14. UNIT AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>99.1</u>	<u>77.3</u>
15. UNIT CAPACITY FACTOR - Using MDC (%)	<u>102.7</u>	<u>101.3</u>	<u>75.8</u>
16. UNIT CAPACITY FACTOR - Using DER (%)	<u>102.7</u>	<u>101.3</u>	<u>75.8</u>
17. UNIT FORCED OUTAGE RATE (%)	<u>0.0</u>	<u>0.9</u>	<u>13.8</u>

## 18. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, & DURATION OF EACH):

Scheduled 30-day outage to allow scheduled refueling to begin on March 9, 2005.

## 19. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: N/A

# AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-498  
UNIT 1  
DATE Dec. 7, 2004  
COMPLETED BY R.L. Hill  
TELEPHONE 361-972-7667

MONTH NOVEMBER

DAY      AVERAGE DAILY POWER  
            LEVEL  
            (MWe-Net)

1              1279

2              1280

3              1283

4              1286

5              1287

6              1285

7              1286

8              1283

9              1283

10             1284

11             1282

12             1282

13             1278

14             1284

15             1283

16             1282

DAY      AVERAGE DAILY POWER  
            LEVEL  
            (MWe-Net)

17             1282

18             1284

19             1286

20             1284

21             1289

22             1284

23             1280

24             1286

25             1287

26             1286

27             1286

28             1287

29             1284

30             1286

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-498  
 UNIT 1  
 DATE Dec. 7, 2004  
 COMPLETED BY R.L. Hill  
 TELEPHONE 361-972-7667

REPORT MONTH NOVEMBER

No.	Date	1 Type	Duration (Hours)	2 Reason	3 Method of Shutting Down Reactor	Licensee Event Report #	4 System Code	5 Component Code	Cause & Corrective Action to Prevent Recurrence
									THERE WERE NO UNIT SHUTDOWNS OR SIGNIFICANT POWER REDUCTIONS DURING THE REPORTING PERIOD

1  
 F: Forced  
 S: Scheduled

2  
 Reason:  
 A-Equipment Failure (Explain)  
 B-Maintenance or Test  
 C-Refueling  
 D-Regulatory Restriction  
 E-Operator Training & License Exam  
 F-Administrative  
 G-Operational Error (Explain)  
 H-Other (Explain)

3  
 Method:  
 1-Manual  
 2-Manual Scram  
 3-Automatic Scram  
 4-Cont. of Existing  
 Outage  
 5-Reduction  
 9-Other

4  
 IEEE 805-1983

5  
 IEEE 803-1983

## **PORVS AND SAFETY VALVE SUMMARY**

There were no PORV or Safety Valves challenged during the reporting period.



SOUTH TEXAS PROJECT  
ELECTRIC GENERATING STATION  
UNIT 2  
MONTHLY OPERATING REPORT  
NOVEMBER 2004  
STP NUCLEAR OPERATING COMPANY  
NRC DOCKET NO. 50-499  
LICENSE NO. NPF-80

Approved By:

Al Parkey  
G.L. PARKEY

12/13/04  
Date

## **MONTHLY SUMMARY**

South Texas Project Unit 2 operated during the reporting period with no unit shutdowns or significant power reductions.

# OPERATING DATA REPORT

DOCKETNO. 50-499  
UNIT 2  
DATE Dec. 7, 2004  
COMPLETED BY R.L. Hill  
TELEPHONE 361-972-7667

## OPERATING STATUS

1. REPORTING PERIOD: 11/1/04 – 11/30/04 GROSS HOURS IN REPORTING PERIOD: 720
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 3,853  
MAXIMUM DEPENDABLE CAPACITY (MWe-Net): 1,250.6  
DESIGN ELECTRICAL RATING (MWe-Net): 1,250.6
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): None
4. REASONS FOR RESTRICTION (IF ANY): N/A

	THIS MONTH	YR TO DATE	CUMULATIVE
5. NUMBER OF HOURS REACTOR CRITICAL	<u>720.0</u>	<u>7,394.9</u>	<u>109,099.4</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE	<u>720.0</u>	<u>7,377.5</u>	<u>106,783.0</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>2,786,199</u>	<u>28,429,152</u>	<u>400,117,257</u>
10. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>923,039</u>	<u>9,348,914</u>	<u>130,447,091</u>
11. REACTOR SERVICE FACTOR (%)	<u>100.0</u>	<u>92.0</u>	<u>80.5</u>
12. REACTOR AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>92.0</u>	<u>80.5</u>
13. UNIT SERVICE FACTOR (%)	<u>100.0</u>	<u>91.8</u>	<u>78.8</u>
14. UNIT AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>91.8</u>	<u>78.8</u>
15. UNIT CAPACITY FACTOR - Using MDC (%)	<u>102.5</u>	<u>93.0</u>	<u>77.0</u>
16. UNIT CAPACITY FACTOR - Using DER (%)	<u>102.5</u>	<u>93.0</u>	<u>77.0</u>
17. UNIT FORCED OUTAGE RATE (%)	<u>0.0</u>	<u>0.5</u>	<u>13.1</u>
18. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, & DURATION OF EACH): <u>N/A</u>			
19. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: <u>N/A</u>			

# AVERAGE DAILY UNIT POWER LEVEL

DOCKETNO. 50-499  
UNIT 2  
DATE Dec. 7, 2004  
COMPLETED BY R.L. Hill  
TELEPHONE 361-972-7667

## MONTH NOVEMBER

DAY      AVERAGE DAILY POWER  
            LEVEL  
            (MWe-Net)

1            1276  
2            1276  
3            1278  
4            1280  
5            1282  
6            1283  
7            1282  
8            1283  
9            1279  
10           1284  
11           1284  
12           1285  
13           1280  
14           1286  
15           1284  
16           1284

DAY      AVERAGE DAILY POWER  
            LEVEL  
            (MWe-Net)

17           1283  
18           1283  
19           1283  
20           1281  
21           1281  
22           1281  
23           1280  
24           1282  
25           1284  
26           1282  
27           1283  
28           1284  
29           1282  
30           1283

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-499  
 UNIT 2  
 DATE Dec. 7, 2004  
 COMPLETED BY R.L. Hill  
 TELEPHONE 361-972-7667

REPORT MONTH NOVEMBER

No.	Date	1 Type	Duration (Hours)	2 Reason	3 Method of Shutting Down Reactor	Licensee Event Report #	4 System Code	5 Component Code	Cause & Corrective Action to Prevent Recurrence
THERE WERE NO UNIT SHUTDOWNS OR SIGNIFICANT POWER REDUCTIONS DURING THE REPORTING PERIOD									

1  
 F: Forced  
 S: Scheduled

2  
 Reason:  
 A-Equipment Failure (Explain)  
 B-Maintenance or Test  
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## **PORVS AND SAFETY VALVE SUMMARY**

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