



South Texas Project Nuclear Operating Company P.O. Box 289 Wadsworth, Texas 77481

November 11, 2004  
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File No.: G02  
10CFR50.71  
STI: 31809203

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 October 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 October 2004.

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

A handwritten signature in black ink, appearing to read "F.H. Mallen".

F.H. Mallen  
General Manager,  
Financial Support

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

IE24

cc:

(paper copy)

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

Approved By:

  
G.L. PARKEY

  
Date

## **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 Nov. 8, 2004  
COMPLETED BY R.L. Hill  
TELEPHONE 361-972-7667

## OPERATING STATUS

1. REPORTING PERIOD: 10/1/04 - 10/31/04 GROSS HOURS IN REPORTING PERIOD: 745
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>745.0</u>	<u>7,264.9</u>	<u>111,280.4</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE	<u>745.0</u>	<u>7,248.8</u>	<u>109,576.3</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>2,883,079</u>	<u>28,011,584</u>	<u>410,979,041</u>
10. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>952,834</u>	<u>9,258,033</u>	<u>134,332,870</u>
11. REACTOR SERVICE FACTOR (%)	<u>100.0</u>	<u>99.2</u>	<u>78.4</u>
12. REACTOR AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>99.2</u>	<u>78.4</u>
13. UNIT SERVICE FACTOR (%)	<u>100.0</u>	<u>99.0</u>	<u>77.2</u>
14. UNIT AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>99.0</u>	<u>77.2</u>
15. UNIT CAPACITY FACTOR - Using MDC (%)	<u>102.3</u>	<u>101.1</u>	<u>75.7</u>
16. UNIT CAPACITY FACTOR - Using DER (%)	<u>102.3</u>	<u>101.1</u>	<u>75.7</u>
17. UNIT FORCED OUTAGE RATE (%)	<u>0.0</u>	<u>1.0</u>	<u>13.9</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 Nov. 8, 2004  
COMPLETED BY R.L. Hill  
TELEPHONE 361-972-7667

MONTH OCTOBER

DAY      AVERAGE DAILY POWER  
            LEVEL  
            (MWe-Net)

1              1277

2              1272

3              1279

4              1279

5              1279

6              1278

7              1279

8              1280

9              1279

10             1280

11             1282

12             1283

13             1282

14             1281

15             1283

16             1282

DAY      AVERAGE DAILY POWER  
            LEVEL  
            (MWe-Net)

17             1280

18             1280

19             1280

20             1279

21             1277

22             1277

23             1278

24             1278

25             1278

26             1278

27             1278

28             1278

29             1277

30             1274

31             1279

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-498  
 UNIT 1  
 DATE Nov. 8, 2004  
 COMPLETED BY R.L. Hill  
 TELEPHONE 361-972-7667

REPORT MONTH OCTOBER

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  
OCTOBER 2004  
STP NUCLEAR OPERATING COMPANY  
NRC DOCKET NO. 50-499  
LICENSE NO. NPF-80

Approved By:

G.L. PARKEY

*G.L. Parkey*

Date

*11/10/04*

## **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 Nov. 8, 2004  
COMPLETED BY R.L. Hill  
TELEPHONE 361-972-7667

## OPERATING STATUS

1. REPORTING PERIOD: 10/1/04 – 10/31/04 GROSS HOURS IN REPORTING PERIOD: 745
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>745.0</u>	<u>6,674.9</u>	<u>108,379.4</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE	<u>745.0</u>	<u>6,657.5</u>	<u>106,063.0</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>2,883,358</u>	<u>25,642,953</u>	<u>397,331,058</u>
10. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>949,683</u>	<u>8,425,875</u>	<u>129,524,052</u>
11. REACTOR SERVICE FACTOR (%)	<u>100.0</u>	<u>91.2</u>	<u>80.4</u>
12. REACTOR AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>91.2</u>	<u>80.4</u>
13. UNIT SERVICE FACTOR (%)	<u>100.0</u>	<u>90.9</u>	<u>78.7</u>
14. UNIT AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>90.9</u>	<u>78.7</u>
15. UNIT CAPACITY FACTOR - Using MDC (%)	<u>101.9</u>	<u>92.0</u>	<u>76.9</u>
16. UNIT CAPACITY FACTOR - Using DER (%)	<u>101.9</u>	<u>92.0</u>	<u>76.9</u>
17. UNIT FORCED OUTAGE RATE (%)	<u>0.0</u>	<u>0.6</u>	<u>13.2</u>

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

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

# AVERAGE DAILY UNIT POWER LEVEL

DOCKETNO. 50-499  
UNIT 2  
DATE Nov. 8, 2004  
COMPLETED BY R.L. Hill  
TELEPHONE 361-972-7667

MONTH OCTOBER

DAY      AVERAGE DAILY POWER  
            LEVEL  
            (MWe-Net)

1            1271  
2            1271  
3            1271  
4            1270  
5            1272  
6            1272  
7            1271  
8            1272  
9            1275  
10           1276  
11           1276  
12           1278  
13           1278  
14           1277  
15           1279  
16           1278

DAY      AVERAGE DAILY POWER  
            LEVEL  
            (MWe-Net)

17           1277  
18           1277  
19           1277  
20           1275  
21           1274  
22           1274  
23           1275  
24           1275  
25           1275  
26           1275  
27           1275  
28           1275  
29           1275  
30           1276  
31           1276

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-499  
 UNIT 2  
 DATE Nov. 8, 2004  
 COMPLETED BY R.L. Hill  
 TELEPHONE 361-972-7667

REPORT MONTH OCTOBER

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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 1-Manual  
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