



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


October 14, 2004  
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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 September 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 September 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 – September 2004  
2) STPEGS Unit 2 Monthly Operating Report – September 2004

*JEZ4*

cc:  
(paper copy)

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SOUTH TEXAS PROJECT  
ELECTRIC GENERATING STATION

UNIT 1

MONTHLY OPERATING REPORT

SEPTEMBER 2004

STP NUCLEAR OPERATING COMPANY

NRC DOCKET NO. 50-498

LICENSE NO. NPF-76

Approved By:

*G.L. Parkey*  
G.L. PARKEY

10/13/04  
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 Oct. 5, 2004  
 COMPLETED BY R.L. Hill  
 TELEPHONE 361-972-7667

### OPERATING STATUS

1. REPORTING PERIOD: 9/1/04 - 9/30/04 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>6,519.9</u>	<u>110,535.4</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>6,503.8</u>	<u>108,831.3</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>2,785,828</u>	<u>25,128,505</u>	<u>408,095,962</u>
10. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>918,693</u>	<u>8,305,199</u>	<u>133,380,036</u>
11. REACTOR SERVICE FACTOR (%)	<u>100.0</u>	<u>99.2</u>	<u>78.3</u>
12. REACTOR AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>99.2</u>	<u>78.3</u>
13. UNIT SERVICE FACTOR (%)	<u>100.0</u>	<u>98.9</u>	<u>77.1</u>
14. UNIT AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>98.9</u>	<u>77.1</u>
15. UNIT CAPACITY FACTOR - Using MDC (%)	<u>102.0</u>	<u>101.0</u>	<u>75.6</u>
16. UNIT CAPACITY FACTOR - Using DER (%)	<u>102.0</u>	<u>101.0</u>	<u>75.6</u>
17. UNIT FORCED OUTAGE RATE (%)	<u>0.0</u>	<u>1.1</u>	<u>14.0</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

DOCKET NO. 50-498  
UNIT 1  
DATE Oct. 5, 2004  
COMPLETED BY R.L. Hill  
TELEPHONE 361-972-7667

MONTH SEPTEMBER

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1276</u>	17	<u>1270</u>
2	<u>1277</u>	18	<u>1267</u>
3	<u>1277</u>	19	<u>1271</u>
4	<u>1276</u>	20	<u>1274</u>
5	<u>1274</u>	21	<u>1275</u>
6	<u>1273</u>	22	<u>1277</u>
7	<u>1274</u>	23	<u>1273</u>
8	<u>1277</u>	24	<u>1278</u>
9	<u>1279</u>	25	<u>1279</u>
10	<u>1277</u>	26	<u>1280</u>
11	<u>1277</u>	27	<u>1280</u>
12	<u>1277</u>	28	<u>1280</u>
13	<u>1276</u>	29	<u>1280</u>
14	<u>1276</u>	30	<u>1277</u>
15	<u>1275</u>		
16	<u>1276</u>		

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-498  
 UNIT 1  
 DATE Oct. 5, 2004  
 COMPLETED BY R.L. Hill  
 TELEPHONE 361-972-7667

REPORT MONTH SEPTEMBER

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

SEPTEMBER 2004

STP NUCLEAR OPERATING COMPANY

NRC DOCKET NO. 50-499

LICENSE NO. NPF-80

Approved By:  10/13/04  
G.L. PARKEY Date

## MONTHLY SUMMARY

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

## OPERATING DATA REPORT

DOCKETNO. 50-499  
 UNIT 2  
 DATE Oct. 5, 2004  
 COMPLETED BY R.L. Hill  
 TELEPHONE 361-972-7667

### OPERATING STATUS

1. REPORTING PERIOD: 9/1/04 - 9/30/04 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>5,929.9</u>	<u>107,634.4</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>5,912.5</u>	<u>105,318.0</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>2,784,899</u>	<u>22,759,595</u>	<u>394,447,701</u>
10. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>913,769</u>	<u>7,476,192</u>	<u>128,574,369</u>
11. REACTOR SERVICE FACTOR (%)	<u>100.0</u>	<u>90.2</u>	<u>80.3</u>
12. REACTOR AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>90.2</u>	<u>80.3</u>
13. UNIT SERVICE FACTOR (%)	<u>100.0</u>	<u>89.9</u>	<u>78.6</u>
14. UNIT AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>89.9</u>	<u>78.6</u>
15. UNIT CAPACITY FACTOR - Using MDC (%)	<u>101.5</u>	<u>90.9</u>	<u>76.7</u>
16. UNIT CAPACITY FACTOR - Using DER (%)	<u>101.5</u>	<u>90.9</u>	<u>76.7</u>
17. UNIT FORCED OUTAGE RATE (%)	<u>0.0</u>	<u>0.7</u>	<u>13.3</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 Oct. 5, 2004  
COMPLETED BY R.L. Hill  
TELEPHONE 361-972-7667

MONTH SEPTEMBER

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1270</u>	17	<u>1267</u>
2	<u>1271</u>	18	<u>1261</u>
3	<u>1271</u>	19	<u>1267</u>
4	<u>1270</u>	20	<u>1266</u>
5	<u>1269</u>	21	<u>1269</u>
6	<u>1269</u>	22	<u>1270</u>
7	<u>1269</u>	23	<u>1270</u>
8	<u>1271</u>	24	<u>1270</u>
9	<u>1273</u>	25	<u>1272</u>
10	<u>1272</u>	26	<u>1270</u>
11	<u>1270</u>	27	<u>1250</u>
12	<u>1271</u>	28	<u>1272</u>
13	<u>1271</u>	29	<u>1272</u>
14	<u>1270</u>	30	<u>1271</u>
15	<u>1271</u>		
16	<u>1270</u>		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-499  
 UNIT 2  
 DATE Oct. 5, 2004  
 COMPLETED BY R.L. Hill  
 TELEPHONE 361-972-7667

REPORT MONTH SEPTEMBER

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
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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  
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