



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

June 8, 2004  
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File No.: G02  
10CFR50.71  
STI: 31753171

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 May 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 May 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 – May 2004  
2) STPEGS Unit 2 Monthly Operating Report – May 2004

IE24

cc:

(paper copy)

Bruce S. Mallett  
Regional Administrator, Region IV  
U. S. Nuclear Regulatory Commission  
611 Ryan Plaza Drive, Suite 400  
Arlington, Texas 76011-8064

U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
One White Flint North  
11555 Rockville Pike  
Rockville, MD 20852

Richard A. Ratliff  
Bureau of Radiation Control  
Texas Department of Health  
1100 West 49th Street  
Austin, TX 78756-3189

Jeffrey Cruz  
U. S. Nuclear Regulatory Commission  
P. O. Box 289, Mail Code: MN116  
Wadsworth, TX 77483

C. M. Canady  
City of Austin  
Electric Utility Department  
721 Barton Springs Road  
Austin, TX 78704

(electronic copy)

A. H. Gutterman, Esquire  
Morgan, Lewis & Bockius LLP

L. D. Blaylock  
City Public Service

Michael K. Webb  
U. S. Nuclear Regulatory Commission

R. L. Balcom  
Texas Genco, LP

A. Ramirez  
City of Austin

C. A. Johnson  
AEP Texas Central Company

Jon C. Wood  
Matthews & Branscomb

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

Approved By:

G.L. PARKEY

*G.L. Parkey*

Date

6/7/04

## **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 June 1, 2004  
COMPLETED BY R.L. Hill  
TELEPHONE 361.972.7667

## OPERATING STATUS

1. REPORTING PERIOD: 5/1/04 - 5/31/04 GROSS HOURS IN REPORTING PERIOD: 744
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>744.0</u>	<u>3,591.9</u>	<u>107,607.4</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE	<u>744.0</u>	<u>3,575.8</u>	<u>105,903.3</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>2,878,992</u>	<u>13,797,194</u>	<u>396,764,651</u>
10. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>952,964</u>	<u>4,576,084</u>	<u>129,650,921</u>
11. REACTOR SERVICE FACTOR (%)	<u>100.0</u>	<u>98.5</u>	<u>77.9</u>
12. REACTOR AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>98.5</u>	<u>77.9</u>
13. UNIT SERVICE FACTOR (%)	<u>100.0</u>	<u>98.0</u>	<u>76.6</u>
14. UNIT AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>98.0</u>	<u>76.6</u>
15. UNIT CAPACITY FACTOR - Using MDC (%)	<u>102.4</u>	<u>100.3</u>	<u>75.0</u>
16. UNIT CAPACITY FACTOR - Using DER (%)	<u>102.4</u>	<u>100.3</u>	<u>75.0</u>
17. UNIT FORCED OUTAGE RATE (%)	<u>0.0</u>	<u>2.0</u>	<u>14.3</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

DOCKET NO. 50-498  
UNIT 1  
DATE June 1, 2004  
COMPLETED BY R.L. Hill  
TELEPHONE 361.972.7667

MONTH MAY

DAY      AVERAGE DAILY POWER  
            LEVEL  
            (MWe-Net)

1	<u>1283</u>
2	<u>1286</u>
3	<u>1289</u>
4	<u>1286</u>
5	<u>1284</u>
6	<u>1284</u>
7	<u>1284</u>
8	<u>1282</u>
9	<u>1282</u>
10	<u>1282</u>
11	<u>1281</u>
12	<u>1281</u>
13	<u>1280</u>
14	<u>1282</u>
15	<u>1283</u>
16	<u>1282</u>

DAY      AVERAGE DAILY POWER  
            LEVEL  
            (MWe-Net)

17	<u>1279</u>
18	<u>1278</u>
19	<u>1278</u>
20	<u>1276</u>
21	<u>1279</u>
22	<u>1280</u>
23	<u>1281</u>
24	<u>1280</u>
25	<u>1278</u>
26	<u>1281</u>
27	<u>1276</u>
28	<u>1276</u>
29	<u>1277</u>
30	<u>1279</u>
31	<u>1279</u>

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-498  
 UNIT 1  
 DATE June 1, 2004  
 COMPLETED BY R.L. Hill  
 TELEPHONE 361.972.7667

REPORT MONTH MAY

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

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## **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  
MAY 2004  
STP NUCLEAR OPERATING COMPANY  
NRC DOCKET NO. 50-499  
LICENSE NO. NPF-80

Approved By:

  
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 June 1, 2004  
COMPLETED BY R.L. Hill  
TELEPHONE 361.972.7667

## OPERATING STATUS

1. REPORTING PERIOD: 5/1/04 - 5/31/04 GROSS HOURS IN REPORTING PERIOD: 744
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>744.0</u>	<u>3,001.9</u>	<u>104,706.4</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE	<u>744.0</u>	<u>2,984.5</u>	<u>102,390.0</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>2,897,178</u>	<u>11,429,213</u>	<u>383,117,318</u>
10. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>950,060</u>	<u>3,761,578</u>	<u>124,859,755</u>
11. REACTOR SERVICE FACTOR (%)	<u>100.0</u>	<u>82.3</u>	<u>79.9</u>
12. REACTOR AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>82.3</u>	<u>79.9</u>
13. UNIT SERVICE FACTOR (%)	<u>100.0</u>	<u>81.8</u>	<u>78.1</u>
14. UNIT AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>81.8</u>	<u>78.1</u>
15. UNIT CAPACITY FACTOR - Using MDC (%)	<u>102.1</u>	<u>82.5</u>	<u>76.2</u>
16. UNIT CAPACITY FACTOR - Using DER (%)	<u>102.1</u>	<u>82.5</u>	<u>76.2</u>
17. UNIT FORCED OUTAGE RATE (%)	<u>0.0</u>	<u>1.3</u>	<u>13.6</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. 50-499  
UNIT 2  
DATE June 1, 2004  
COMPLETED BY R.L. Hill  
TELEPHONE 361.972.7667

MONTH MAY

DAY AVERAGE DAILY POWER  
LEVEL  
(MWe-Net)

1 1274  
2 1279  
3 1284  
4 1284  
5 1281  
6 1282  
7 1282  
8 1281  
9 1279  
10 1280  
11 1280  
12 1279  
13 1279  
14 1279  
15 1278  
16 1278

DAY AVERAGE DAILY POWER  
LEVEL  
(MWe-Net)

17 1278  
18 1277  
19 1277  
20 1276  
21 1276  
22 1276  
23 1277  
24 1270  
25 1273  
26 1273  
27 1273  
28 1275  
29 1259  
30 1271  
31 1276

# UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-499  
 UNIT 2  
 DATE June 1, 2004  
 COMPLETED BY R.L. Hill  
 TELEPHONE 361.972.7667

REPORT MONTH MAY

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

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 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)

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

<sup>4</sup>  
 IEEE 805-1983

<sup>5</sup>  
 IEEE 803-1983

## **PORVS AND SAFETY VALVE SUMMARY**

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