


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

October 14, 2003
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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, 2003

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 2003. 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 2003
2) STPEGS Unit 2 Monthly Operating Report – September 2003

JE24

cc:
(paper copy)

Regional Administrator, Region IV
U.S. Nuclear Regulatory Commission
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Arlington, Texas 76011-8064

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

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SOUTH TEXAS PROJECT
ELECTRIC GENERATING STATION
UNIT 1
MONTHLY OPERATING REPORT
SEPTEMBER 2003
STP NUCLEAR OPERATING COMPANY
NRC DOCKET NO. 50-498
LICENSE NO. NPF-76

Approved By:


E.D. HALPIN


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. 2, 2003
COMPLETED BY R.L. Hill
TELEPHONE 361.972.7667

OPERATING STATUS

1. REPORTING PERIOD: 9/1/03-9/30/03 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>3,277.4</u>	<u>101,806.5</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>3,225.4</u>	<u>100,118.5</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>2,747,049</u>	<u>12,023,825</u>	<u>373,974,288</u>
10. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>921,637</u>	<u>4,015,024</u>	<u>122,231,079</u>
11. REACTOR SERVICE FACTOR (%)	<u>100.0</u>	<u>50.0</u>	<u>76.9</u>
12. REACTOR AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>50.0</u>	<u>76.9</u>
13. UNIT SERVICE FACTOR (%)	<u>100.0</u>	<u>49.2</u>	<u>75.6</u>
14. UNIT AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>49.2</u>	<u>75.6</u>
15. UNIT CAPACITY FACTOR - Using MDC (%)	<u>102.4</u>	<u>49.0</u>	<u>73.8</u>
16. UNIT CAPACITY FACTOR - Using DER (%)	<u>102.4</u>	<u>49.0</u>	<u>73.8</u>
17. UNIT FORCED OUTAGE RATE (%)	<u>0.0</u>	<u>45.6</u>	<u>15.0</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. 2, 2003
COMPLETED BY R.L. Hill
TELEPHONE 361.972.7667

MONTH SEPTEMBER

DAY AVERAGE DAILY POWER
LEVEL
(MWe-Net)

1 1276
2 1276
3 1276
4 1276
5 1277
6 1278
7 1278
8 1261
9 1279
10 1278
11 1278
12 1280
13 1281
14 1280
15 1281
16 1281

DAY AVERAGE DAILY POWER
LEVEL
(MWe-Net)

17 1281
18 1281
19 1283
20 1282
21 1282
22 1283
23 1282
24 1283
25 1283
26 1284
27 1284
28 1285
29 1286
30 1287

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-498
 UNIT 1
 DATE Oct. 2, 2003
 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 2003
STP NUCLEAR OPERATING COMPANY
NRC DOCKET NO. 50-499
LICENSE NO. NPF-80

Approved By:


E.D. HALPIN


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. 2, 2003
COMPLETED BY R.L. Hill
TELEPHONE 361.972.7667

OPERATING STATUS

1. REPORTING PERIOD: 9/1/03-9/30/03 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>4,937.7</u>	<u>99,495.4</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>4,904.1</u>	<u>97,196.5</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>2,747,690</u>	<u>18,525,977</u>	<u>362,939,628</u>
10. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>907,487</u>	<u>6,118,266</u>	<u>118,296,233</u>
11. REACTOR SERVICE FACTOR (%)	<u>100.0</u>	<u>75.4</u>	<u>79.5</u>
12. REACTOR AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>75.4</u>	<u>79.5</u>
13. UNIT SERVICE FACTOR (%)	<u>100.0</u>	<u>74.9</u>	<u>77.6</u>
14. UNIT AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>74.9</u>	<u>77.6</u>
15. UNIT CAPACITY FACTOR - Using MDC (%)	<u>100.8</u>	<u>74.7</u>	<u>75.5</u>
16. UNIT CAPACITY FACTOR - Using DER (%)	<u>100.8</u>	<u>74.7</u>	<u>75.5</u>
17. UNIT FORCED OUTAGE RATE (%)	<u>0.0</u>	<u>25.1</u>	<u>14.2</u>

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

Scheduled 22-day outage to allow refueling to begin on March 31, 2004.

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. 2, 2003
COMPLETED BY R.L. Hill
TELEPHONE 361.972.7667

MONTH SEPTEMBER

DAY AVERAGE DAILY POWER
 LEVEL
 (MWe-Net)

1	<u>1257</u>
2	<u>1256</u>
3	<u>1255</u>
4	<u>1256</u>
5	<u>1255</u>
6	<u>1256</u>
7	<u>1256</u>
8	<u>1257</u>
9	<u>1258</u>
10	<u>1259</u>
11	<u>1260</u>
12	<u>1261</u>
13	<u>1260</u>
14	<u>1256</u>
15	<u>1262</u>
16	<u>1263</u>

DAY AVERAGE DAILY POWER
 LEVEL
 (MWe-Net)

17	<u>1264</u>
18	<u>1255</u>
19	<u>1265</u>
20	<u>1266</u>
21	<u>1262</u>
22	<u>1261</u>
23	<u>1262</u>
24	<u>1267</u>
25	<u>1266</u>
26	<u>1265</u>
27	<u>1265</u>
28	<u>1265</u>
29	<u>1260</u>
30	<u>1261</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-499
UNIT 2
DATE Oct. 2, 2003
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.