



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

September 15, 2003
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10CFR50.71
STI: 31654407

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 August, 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 August 2003. 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 – August 2003
2) STPEGS Unit 2 Monthly Operating Report – August 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

AUGUST 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 began the reporting period shutdown for repairs on bottom mounted instrumentation penetrations on the reactor pressure vessel. The unit was returned to service on August 9, at 1246 and achieved full power on August 11, at 1740.

On August 12, at 1011 the unit was removed from service to allow main turbine intercept valve oil leak repairs. The unit was returned to service on August 12, at 2141 and achieved full power on August 14, at 0202.

The unit concluded the month operating at full power.

OPERATING DATA REPORT

DOCKET NO. 50-498
UNIT 1
DATE Sept. 9, 2003
COMPLETED BY R.L. Hill
TELEPHONE 361.972.7667

OPERATING STATUS

1. REPORTING PERIOD: 8/1/03-8/31/03 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>586.4</u>	<u>2,557.4</u>	<u>101,086.5</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE	<u>541.6</u>	<u>2,505.4</u>	<u>99,398.5</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>1,928,715</u>	<u>9,276,776</u>	<u>371,227,239</u>
10. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>629,641</u>	<u>3,093,387</u>	<u>121,309,442</u>
11. REACTOR SERVICE FACTOR (%)	<u>78.8</u>	<u>43.9</u>	<u>76.8</u>
12. REACTOR AVAILABILITY FACTOR (%)	<u>78.8</u>	<u>43.9</u>	<u>76.8</u>
13. UNIT SERVICE FACTOR (%)	<u>72.8</u>	<u>43.0</u>	<u>75.5</u>
14. UNIT AVAILABILITY FACTOR (%)	<u>72.8</u>	<u>43.0</u>	<u>75.5</u>
15. UNIT CAPACITY FACTOR - Using MDC (%)	<u>67.7</u>	<u>42.4</u>	<u>73.7</u>
16. UNIT CAPACITY FACTOR - Using DER (%)	<u>67.7</u>	<u>42.4</u>	<u>73.7</u>
17. UNIT FORCED OUTAGE RATE (%)	<u>27.2</u>	<u>51.9</u>	<u>15.1</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 Sept. 9, 2003
COMPLETED BY R.L. Hill
TELEPHONE 361.972.7667

MONTH AUGUST

DAY AVERAGE DAILY POWER
 LEVEL
 (MWe-Net)

1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>23</u>
9	<u>115</u>
10	<u>809</u>
11	<u>1126</u>
12	<u>416</u>
13	<u>817</u>
14	<u>1271</u>
15	<u>1275</u>
16	<u>1275</u>

DAY AVERAGE DAILY POWER
 LEVEL
 (MWe-Net)

17	<u>1273</u>
18	<u>1272</u>
19	<u>1270</u>
20	<u>1271</u>
21	<u>1274</u>
22	<u>1276</u>
23	<u>1277</u>
24	<u>1276</u>
25	<u>1274</u>
26	<u>1273</u>
27	<u>1274</u>
28	<u>1273</u>
29	<u>1274</u>
30	<u>1274</u>
31	<u>1275</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-498
 UNIT 1
 DATE Sept. 9, 2003
 COMPLETED BY R.L. Hill
 TELEPHONE 361.972.7667

REPORT MONTH AUGUST

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
03-04	04/20/03	F	190.9	F	9	01-03-003	RC	PEN	Investigate and repair bottom mounted instrumentation penetration indications.
03-05	08/12/03	F	11.5	F	1	N/A	TA	V	Main turbine intercept valve oil leak repair.

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
AUGUST 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 Sept. 9, 2003
 COMPLETED BY R.L. Hill
 TELEPHONE 361.972.7667

OPERATING STATUS

1. REPORTING PERIOD: 8/1/03-8/31/03 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>4,217.7</u>	<u>98,775.4</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>4,184.1</u>	<u>96,476.5</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>2,838,565</u>	<u>15,778,287</u>	<u>360,191,938</u>
10. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>930,259</u>	<u>5,210,779</u>	<u>117,388,746</u>
11. REACTOR SERVICE FACTOR (%)	<u>100.0</u>	<u>72.3</u>	<u>79.3</u>
12. REACTOR AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>72.3</u>	<u>79.3</u>
13. UNIT SERVICE FACTOR (%)	<u>100.0</u>	<u>71.8</u>	<u>77.5</u>
14. UNIT AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>71.8</u>	<u>77.5</u>
15. UNIT CAPACITY FACTOR - Using MDC (%)	<u>100.0</u>	<u>71.5</u>	<u>75.4</u>
16. UNIT CAPACITY FACTOR - Using DER (%)	<u>100.0</u>	<u>71.5</u>	<u>75.4</u>
17. UNIT FORCED OUTAGE RATE (%)	<u>0.0</u>	<u>28.2</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

DOCKETNO. 50-499
UNIT 2
DATE Sept. 9, 2003
COMPLETED BY R.L. Hill
TELEPHONE 361.972.7667

MONTH AUGUST

DAY AVERAGE DAILY POWER
 LEVEL
 (MWe-Net)

1 1243

2 1243

3 1245

4 1232

5 1234

6 1247

7 1249

8 1234

9 1237

10 1256

11 1255

12 1237

13 1251

14 1259

15 1260

16 1253

DAY AVERAGE DAILY POWER
 LEVEL
 (MWe-Net)

17 1257

18 1256

19 1254

20 1255

21 1256

22 1258

23 1257

24 1256

25 1252

26 1253

27 1254

28 1254

29 1254

30 1255

31 1257

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-499
 UNIT 2
 DATE Sept. 9, 2003
 COMPLETED BY R.L. Hill
 TELEPHONE 361.972.7667

REPORT MONTH AUGUST

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)

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