



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

September 13, 2000
NOC-AE-00000920
File No. G02
STI311167341
10CFR50.71

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

South Texas Project
Units 1 and 2
Docket Nos. STN 50-498, STN 50-499
Monthly Operating Reports for August, 2000

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 2000.

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

Sincerely,

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

F. H. Mallen
Manager, Planning & Controls

- Attachments: 1) STPEGS Unit 1 Monthly Operating Report – August 2000
2) STPEGS Unit 2 Monthly Operating Report – August 2000

JE24

cc:

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Regional Administrator, Region IV
U.S. Nuclear Regulatory Commission
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721 Barton Springs Road
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Institute of Nuclear Power
Operations - Records Center
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U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555-0001

**SOUTH TEXAS PROJECT
ELECTRIC GENERATING STATION
UNIT 1
MONTHLY OPERATING REPORT
AUGUST 2000
STP NUCLEAR OPERATING COMPANY
NRC DOCKET NO. 50-498
LICENSE NO. NPF-76**

Approved By:

G.L. Parkey
G.L. PARKEY

8/14/00
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 Sept. 5, 2000
COMPLETED BY R.L. Hill
TELEPHONE 361 972-7667

OPERATING STATUS

1. REPORTING PERIOD: 8/1/00-8/31/00 GROSS HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (Mwt): 3800
MAXIMUM DEPENDABLE CAPACITY (MWe-Net): 1250.6
DESIGN ELECTRICAL RATING (MWe-Net): 1250.6
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>4,126.6</u>	<u>78,822.9</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>4,062.5</u>	<u>77,236.0</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>2,839,756</u>	<u>15,198,509</u>	<u>287,234,969</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>977,644</u>	<u>5,234,382</u>	<u>98,019,434</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>934,757</u>	<u>5,004,663</u>	<u>93,422,726</u>
12. REACTOR SERVICE FACTOR	<u>100.0%</u>	<u>70.5%</u>	<u>74.8%</u>
13. REACTOR AVAILABILITY FACTOR	<u>100.0%</u>	<u>70.5%</u>	<u>74.8%</u>
14. UNIT SERVICE FACTOR	<u>100.0%</u>	<u>69.4%</u>	<u>73.3%</u>
15. UNIT AVAILABILITY FACTOR	<u>100.0%</u>	<u>69.4%</u>	<u>73.3%</u>
16. UNIT CAPACITY FACTOR (Using MDC)	<u>100.5%</u>	<u>68.3%</u>	<u>70.9%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>100.5%</u>	<u>68.3%</u>	<u>70.9%</u>
18. UNIT FORCED OUTAGE RATE	<u>0.0%</u>	<u>0.0%</u>	<u>16.0%</u>
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, & DURATION OF EACH):	<u>N/A</u>		
20. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:	<u>N/A</u>		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-498
UNIT 1
DATE Sept. 5, 2000
COMPLETED BY R.L. Hill
TELEPHONE 361 972-7667

MONTH AUGUST

DAY AVERAGE DAILY POWER
 LEVEL
 (MWe-Net)

1	<u>1258</u>
2	<u>1258</u>
3	<u>1257</u>
4	<u>1258</u>
5	<u>1257</u>
6	<u>1257</u>
7	<u>1257</u>
8	<u>1257</u>
9	<u>1254</u>
10	<u>1256</u>
11	<u>1256</u>
12	<u>1255</u>
13	<u>1254</u>
14	<u>1256</u>
15	<u>1257</u>
16	<u>1257</u>

DAY AVERAGE DAILY POWER
 LEVEL
 (MWe-Net)

17	<u>1256</u>
18	<u>1257</u>
19	<u>1256</u>
20	<u>1256</u>
21	<u>1257</u>
22	<u>1256</u>
23	<u>1256</u>
24	<u>1255</u>
25	<u>1257</u>
26	<u>1257</u>
27	<u>1257</u>
28	<u>1256</u>
29	<u>1255</u>
30	<u>1256</u>
31	<u>1256</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-498
 UNIT 1
 DATE Sept. 5, 2000
 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. Outage
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

3
 Method:
 1-Manual
 2-Manual Scram
 3-Automatic Scram
 4-Cont. of Existing
 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 2000
STP NUCLEAR OPERATING COMPANY
NRC DOCKET NO. 50-499
LICENSE NO. NPF-80

Approved By:

G.L. Parkey
G.L. PARKEY

8/16/00
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. 5, 2000
COMPLETED BY R.L. Hill
TELEPHONE 361 972-7667

OPERATING STATUS

1. REPORTING PERIOD: 8/1/00-8/31/00 GROSS HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 3800
MAXIMUM DEPENDABLE CAPACITY (MWe-Net): 1250.6
DESIGN ELECTRICAL RATING (MWe-Net): 1250.6
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>5,855.0</u>	<u>77,004.3</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>5,521.4</u>	<u>74,944.7</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>2,839,207</u>	<u>21,003,424</u>	<u>278,943,887</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>970,698</u>	<u>7,181,381</u>	<u>95,015,244</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>927,367</u>	<u>6,869,755</u>	<u>90,733,103</u>
12. REACTOR SERVICE FACTOR	<u>100.0%</u>	<u>100.0%</u>	<u>78.4%</u>
13. REACTOR AVAILABILITY FACTOR	<u>100.0%</u>	<u>100.0%</u>	<u>78.4%</u>
14. UNIT SERVICE FACTOR	<u>100.0%</u>	<u>94.3%</u>	<u>76.3%</u>
15. UNIT AVAILABILITY FACTOR	<u>100.0%</u>	<u>94.3%</u>	<u>76.3%</u>
16. UNIT CAPACITY FACTOR (Using MDC)	<u>99.7%</u>	<u>93.8%</u>	<u>73.9%</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>99.7%</u>	<u>93.8%</u>	<u>73.9%</u>
18. UNIT FORCED OUTAGE RATE	<u>0.0%</u>	<u>3.1%</u>	<u>15.3%</u>
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, & DURATION OF EACH):	<u>N/A</u>		
20. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:	<u>N/A</u>		

AVERAGE DAILY UNIT POWER LEVEL

DOCKETNO. 50-499
UNIT 2
DATE Sept. 5, 2000
COMPLETED BY R.L. Hill
TELEPHONE 361 972-7667

MONTH AUGUST

DAY AVERAGE DAILY POWER
 LEVEL
 (MWe-Net)

1 1250

2 1248

3 1248

4 1248

5 1248

6 1248

7 1248

8 1248

9 1249

10 1246

11 1246

12 1246

13 1246

14 1246

15 1247

16 1248

DAY AVERAGE DAILY POWER
 LEVEL
 (MWe-Net)

17 1245

18 1246

19 1246

20 1247

21 1245

22 1245

23 1245

24 1245

25 1246

26 1246

27 1246

28 1246

29 1244

30 1244

31 1244

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-499
 UNIT 2
 DATE Sept. 5, 2000
 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									

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 F: Forced
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