



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

January 15, 2002
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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 December, 2001

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 December 2001.

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 – December 2001
2) STPEGS Unit 2 Monthly Operating Report – December 2001

IE24

cc:

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Regional Administrator, Region IV
U.S. Nuclear Regulatory Commission
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Institute of Nuclear Power
Operations - Records Center
700 Galleria Parkway
Atlanta, GA 30339-5957

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Bureau of Radiation Control
Texas Department of Health
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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
DECEMBER 2001
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 Jan. 7, 2002
COMPLETED BY R.L. Hill
TELEPHONE 361.972.7667

OPERATING STATUS

1. REPORTING PERIOD: 12/1/01-12/31/01 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>8,270.4</u>	<u>89,949.9</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>8,240.5</u>	<u>88,319.8</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>2,839,848</u>	<u>31,243,275</u>	<u>329,298,340</u>
10. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>944,919</u>	<u>10,338,156</u>	<u>107,348,114</u>
11. REACTOR SERVICE FACTOR (%)	<u>100.0</u>	<u>94.4</u>	<u>76.8</u>
12. REACTOR AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>94.4</u>	<u>76.8</u>
13. UNIT SERVICE FACTOR (%)	<u>100.0</u>	<u>94.1</u>	<u>75.5</u>
14. UNIT AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>94.1</u>	<u>75.5</u>
15. UNIT CAPACITY FACTOR - Using MDC (%)	<u>101.6</u>	<u>94.4</u>	<u>73.3</u>
16. UNIT CAPACITY FACTOR - Using DER (%)	<u>101.6</u>	<u>94.4</u>	<u>73.3</u>
17. UNIT FORCED OUTAGE RATE (%)	<u>0.0</u>	<u>0.0</u>	<u>14.3</u>
18. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, & DURATION OF EACH):	<u>N/A</u>		
19. 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 Jan. 7, 2002
COMPLETED BY R.L. Hill
TELEPHONE 361.972.7667

MONTH DECEMBER

DAY AVERAGE DAILY POWER
 LEVEL
 (MWe-Net)

1	<u>1275</u>
2	<u>1274</u>
3	<u>1272</u>
4	<u>1266</u>
5	<u>1265</u>
6	<u>1265</u>
7	<u>1268</u>
8	<u>1276</u>
9	<u>1274</u>
10	<u>1270</u>
11	<u>1266</u>
12	<u>1275</u>
13	<u>1276</u>
14	<u>1271</u>
15	<u>1269</u>
16	<u>1261</u>

DAY AVERAGE DAILY POWER
 LEVEL
 (MWe-Net)

17	<u>1269</u>
18	<u>1265</u>
19	<u>1268</u>
20	<u>1263</u>
21	<u>1268</u>
22	<u>1271</u>
23	<u>1269</u>
24	<u>1267</u>
25	<u>1275</u>
26	<u>1277</u>
27	<u>1272</u>
28	<u>1271</u>
29	<u>1271</u>
30	<u>1274</u>
31	<u>1272</u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-498
 UNIT 1
 DATE Jan. 7, 2002
 COMPLETED BY R.L. Hill
 TELEPHONE 361.972.7667

REPORT MONTH DECEMBER

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
DECEMBER 2001
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 Jan. 7, 2002
 COMPLETED BY R.L. Hill
 TELEPHONE 361.972.7667

OPERATING STATUS

1. REPORTING PERIOD: 12/1/01-12/31/01 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>7,880.7</u>	<u>87,814.0</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>7,754.0</u>	<u>85,627.7</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>2,839,482</u>	<u>29,039,003</u>	<u>319,160,531</u>
10. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>934,995</u>	<u>9,537,557</u>	<u>103,958,121</u>
11. REACTOR SERVICE FACTOR (%)	<u>100.0</u>	<u>90.0</u>	<u>79.9</u>
12. REACTOR AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>90.0</u>	<u>79.9</u>
13. UNIT SERVICE FACTOR (%)	<u>100.0</u>	<u>88.5</u>	<u>77.9</u>
14. UNIT AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>88.5</u>	<u>77.9</u>
15. UNIT CAPACITY FACTOR - Using MDC (%)	<u>100.5</u>	<u>87.1</u>	<u>75.6</u>
16. UNIT CAPACITY FACTOR - Using DER (%)	<u>100.5</u>	<u>87.1</u>	<u>75.6</u>
17. UNIT FORCED OUTAGE RATE (%)	<u>0.0</u>	<u>4.2</u>	<u>13.9</u>
18. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, & DURATION OF EACH):	<u>N/A</u>		
19. 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 Jan. 7, 2002
COMPLETED BY R.L. Hill
TELEPHONE 361.972.7667

MONTH DECEMBER

DAY AVERAGE DAILY POWER
 LEVEL
 (MWe-Net)

1 1258

2 1251

3 1254

4 1257

5 1258

6 1257

7 1263

8 1259

9 1258

10 1251

11 1242

12 1247

13 1254

14 1254

15 1254

16 1260

DAY AVERAGE DAILY POWER
 LEVEL
 (MWe-Net)

17 1260

18 1262

19 1258

20 1261

21 1258

22 1256

23 1256

24 1260

25 1260

26 1258

27 1259

28 1260

29 1260

30 1257

31 1258

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-499
 UNIT 2
 DATE Jan. 7, 2002
 COMPLETED BY R.L. Hill
 TELEPHONE 361.972.7667

REPORT MONTH DECEMBER

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
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