

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

January 15, 2004
NOC-AE-04001664
File No.: G02
10CFR50.71
STI: 31684760

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 December, 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 December 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 – December 2003
2) STPEGS Unit 2 Monthly Operating Report – December 2003

IE24

cc:

(paper copy)

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

David H. Jaffe
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
DECEMBER 2003
STP NUCLEAR OPERATING COMPANY
NRC DOCKET NO. 50-498
LICENSE NO. NPF-76

Approved By:


E.D. HALPIN

1-15-04
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. 6, 2004
COMPLETED BY R.L. Hill
TELEPHONE 361.972.7667

OPERATING STATUS

1. REPORTING PERIOD: 12/1/03-12/31/03 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>5,486.4</u>	<u>104,015.5</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>5,434.4</u>	<u>102,327.5</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>2,879,364</u>	<u>20,733,572</u>	<u>382,967,457</u>
10. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>959,843</u>	<u>6,858,782</u>	<u>125,074,837</u>
11. REACTOR SERVICE FACTOR (%)	<u>100.0</u>	<u>62.6</u>	<u>77.3</u>
12. REACTOR AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>62.6</u>	<u>77.3</u>
13. UNIT SERVICE FACTOR (%)	<u>100.0</u>	<u>62.0</u>	<u>76.0</u>
14. UNIT AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>62.0</u>	<u>76.0</u>
15. UNIT CAPACITY FACTOR - Using MDC (%)	<u>103.2</u>	<u>62.6</u>	<u>74.3</u>
16. UNIT CAPACITY FACTOR - Using DER (%)	<u>103.2</u>	<u>62.6</u>	<u>74.3</u>
17. UNIT FORCED OUTAGE RATE (%)	<u>0.0</u>	<u>33.2</u>	<u>14.7</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 Jan. 6, 2004
COMPLETED BY R.L. Hill
TELEPHONE 361.972.7667

MONTH DECEMBER

DAY AVERAGE DAILY POWER
LEVEL
(MWe-Net)

1 1291

2 1282

3 1292

4 1284

5 1290

6 1294

7 1293

8 1288

9 1291

10 1291

11 1291

12 1283

13 1288

14 1292

15 1291

16 1288

DAY AVERAGE DAILY POWER
LEVEL
(MWe-Net)

17 1287

18 1289

19 1294

20 1293

21 1292

22 1290

23 1291

24 1294

25 1293

26 1290

27 1289

28 1288

29 1291

30 1293

31 1291

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-498
 UNIT 1
 DATE Jan. 6, 2004
 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

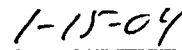
There were no PORV or Safety Valves challenged during the reporting period.

SOUTH TEXAS PROJECT
ELECTRIC GENERATING STATION
UNIT 2
MONTHLY OPERATING REPORT
DECEMBER 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 Jan. 6, 2004
COMPLETED BY R.L. Hill
TELEPHONE 361.972.7667

OPERATING STATUS

1. REPORTING PERIOD: 12/1/03-12/31/03 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>7,146.7</u>	<u>101,704.4</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>7,113.1</u>	<u>99,405.5</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>2,863,759</u>	<u>27,274,455</u>	<u>371,688,106</u>
10. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>944,002</u>	<u>8,920,210</u>	<u>121,098,177</u>
11. REACTOR SERVICE FACTOR (%)	<u>100.0</u>	<u>81.6</u>	<u>79.8</u>
12. REACTOR AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>81.6</u>	<u>79.8</u>
13. UNIT SERVICE FACTOR (%)	<u>100.0</u>	<u>81.2</u>	<u>78.0</u>
14. UNIT AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>81.2</u>	<u>78.0</u>
15. UNIT CAPACITY FACTOR - Using MDC (%)	<u>101.5</u>	<u>81.4</u>	<u>76.0</u>
16. UNIT CAPACITY FACTOR - Using DER (%)	<u>101.5</u>	<u>81.4</u>	<u>76.0</u>
17. UNIT FORCED OUTAGE RATE (%)	<u>0.0</u>	<u>18.8</u>	<u>13.9</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 Jan. 6, 2004
COMPLETED BY R.L. Hill
TELEPHONE 361.972.7667

MONTH DECEMBER

DAY AVERAGE DAILY POWER
LEVEL
(MWe-Net)

1 1276
2 1269
3 1269
4 1268
5 1276
6 1276
7 1279
8 1277
9 1277
10 1278
11 1278
12 1277
13 1276
14 1277
15 1276
16 1277

DAY AVERAGE DAILY POWER
LEVEL
(MWe-Net)

17 1277
18 1275
19 1277
20 1278
21 1277
22 1277
23 1049
24 1274
25 1278
26 1277
27 1277
28 1277
29 1277
30 1279
31 1278

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-499
 UNIT 2
 DATE Jan. 6, 2004
 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.