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

January 15, 2004
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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 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.

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
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U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
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11555 Rockville Pike
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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	744.0	5,486.4	104,015.5
6.	REACTOR RESERVE SHUTDOWN HOURS	0	0	0
7.	HOURS GENERATOR ON LINE	744.0	5,434.4	102,327.5
8.	UNIT RESERVE SHUTDOWN HOURS	0	0	0
9.	GROSS THERMAL ENERGY GENERATED (MWH)	2,879,364	20,733,572	382,967,457
10.	NET ELECTRICAL ENERGY GENERATED (MWH)	959,843	6,858,782	125,074,837
11.	REACTOR SERVICE FACTOR (%)	100.0	62.6	77.3
12.	REACTOR AVAILABILITY FACTOR (%)	100.0	62.6	77.3
13.	UNIT SERVICE FACTOR (%)	100.0	62.0	76.0
14.	UNIT AVAILABILITY FACTOR (%)	100.0	62.0	76.0
15.	UNIT CAPACITY FACTOR - Using MDC (%)	103.2	62.6	74.3
16.	UNIT CAPACITY FACTOR - Using DER (%)	103.2	62.6	74.3
17.	UNIT FORCED OUTAGE RATE (%)	0.0	33.2	14.7

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)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1291	17	1287
2	1282	18	1289
3	1292	19	1294
4	1284	20	1293
5	1290	21	1292
6	1294	22	1290
7	1293	23	1291
8	1288	24	1294
9	1291	25	1293
10	1291	26	1290
11	1291	27	1289
12	1283	28	1288
13	1288	29	1291
14	1292	30	1293
15	1291	31	1291
16	1288		

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 1-15-04 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	744.0	7,146.7	101,704.4
6.	REACTOR RESERVE SHUTDOWN HOURS	0	0	0
7.	HOURS GENERATOR ON LINE	744.0	7,113.1	99,405.5
8.	UNIT RESERVE SHUTDOWN HOURS	0	0	0
9.	GROSS THERMAL ENERGY GENERATED (MWH)	2,863,759	27,274,455	371,688,106
10.	NET ELECTRICAL ENERGY GENERATED (MWH)	944,002	8,920,210	121,098,177
11.	REACTOR SERVICE FACTOR (%)	100.0	81.6	79.8
12.	REACTOR AVAILABILITY FACTOR (%)	100.0	81.6	79.8
13.	UNIT SERVICE FACTOR (%)	100.0	81.2	78.0
14.	UNIT AVAILABILITY FACTOR (%)	100.0	81.2	78.0
15.	UNIT CAPACITY FACTOR - Using MDC (%)	101.5	81.4	76.0
16.	UNIT CAPACITY FACTOR - Using DER (%)	101.5	81.4	76.0
17.	UNIT FORCED OUTAGE RATE (%)	0.0	18.8	13.9

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)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1276	17	1277
2	1269	18	1275
3	1269	19	1277
4	1268	20	1278
5	1276	21	1277
6	1276	22	1277
7	1279	23	1049
8	1277	24	1274
9	1277	25	1278
10	1278	26	1277
11	1278	27	1277
12	1277	28	1277
13	1276	29	1277
14	1277	30	1279
15	1276	31	1278
16	1277		

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.