



South Texas Project Nuclear Operating Company P.O. Box 239 Wadsworth, Texas 77433

February 12, 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 January, 2004

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 January 2004.

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 – January 2004
2) STPEGS Unit 2 Monthly Operating Report – January 2004

JE24

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

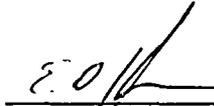
JANUARY 2004

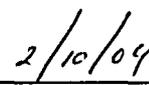
STP NUCLEAR OPERATING COMPANY

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 operating at full power. On January 23, at 1616 the unit experienced an automatic reactor trip caused by high water level in Steam Generator 1B. The event was induced by the failure of a ferro resonant transformer in the inverter, which supplies power to distribution panel 1201. The inverter was replaced and the unit was returned to service on January 26, at 1530. Full power was achieved on January 27, at 1529.

OPERATING DATA REPORT

DOCKET NO. 50-498
 UNIT 1
 DATE Feb. 2, 2004
 COMPLETED BY R.L. Hill
 TELEPHONE 361.972.7667

OPERATING STATUS

1. REPORTING PERIOD: 1/1/04 - 1/31/04 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>688.9</u>	<u>688.9</u>	<u>104,704.4</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
7. HOURS GENERATOR ON LINE	<u>672.8</u>	<u>672.8</u>	<u>103,000.3</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>2,563,134</u>	<u>2,563,134</u>	<u>385,530,591</u>
10. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>850,507</u>	<u>850,507</u>	<u>125,925,344</u>
11. REACTOR SERVICE FACTOR (%)	<u>92.6</u>	<u>92.6</u>	<u>77.4</u>
12. REACTOR AVAILABILITY FACTOR (%)	<u>92.6</u>	<u>92.6</u>	<u>77.4</u>
13. UNIT SERVICE FACTOR (%)	<u>90.4</u>	<u>90.4</u>	<u>76.1</u>
14. UNIT AVAILABILITY FACTOR (%)	<u>90.4</u>	<u>90.4</u>	<u>76.1</u>
15. UNIT CAPACITY FACTOR - Using MDC (%)	<u>91.4</u>	<u>91.4</u>	<u>74.4</u>
16. UNIT CAPACITY FACTOR - Using DER (%)	<u>91.4</u>	<u>91.4</u>	<u>74.4</u>
17. UNIT FORCED OUTAGE RATE (%)	<u>9.6</u>	<u>9.6</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 Feb. 2, 2004
COMPLETED BY R.L. Hill
TELEPHONE 361.972.7667

MONTH JANUARY

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1290</u>	17	<u>1290</u>
2	<u>1290</u>	18	<u>1291</u>
3	<u>1290</u>	19	<u>1292</u>
4	<u>1289</u>	20	<u>1293</u>
5	<u>1292</u>	21	<u>1291</u>
6	<u>1291</u>	22	<u>1292</u>
7	<u>1292</u>	23	<u>860</u>
8	<u>1284</u>	24	<u>0</u>
9	<u>1291</u>	25	<u>0</u>
10	<u>1291</u>	26	<u>23</u>
11	<u>1291</u>	27	<u>1003</u>
12	<u>1290</u>	28	<u>1292</u>
13	<u>1290</u>	29	<u>1290</u>
14	<u>1291</u>	30	<u>1290</u>
15	<u>1290</u>	31	<u>1291</u>
16	<u>1289</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-498
 UNIT 1
 DATE Feb. 2, 2004
 COMPLETED BY R.L. Hill
 TELEPHONE 361.972.7667

REPORT MONTH JANUARY

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
04-01	040123	F	71.2	A	3	1-04-001	JB	INVT	Automatic reactor trip caused by high water level in Steam Generator 1B. The event was induced by the failure of a ferro resonant transformer in the inverter, which supplies power to distribution panel 1201. The inverter was replaced.

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
JANUARY 2004
STP NUCLEAR OPERATING COMPANY
NRC DOCKET NO. 50-499
LICENSE NO. NPF-80

Approved By:  2/10/04
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 Feb. 2, 2004
 COMPLETED BY R.L. Hill
 TELEPHONE 361.972.7667

OPERATING STATUS

1. REPORTING PERIOD: 1/1/04 - 1/31/04 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>744.0</u>	<u>102,448.4</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>744.0</u>	<u>100,149.5</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>2,879,364</u>	<u>374,567,469</u>
10. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>948,648</u>	<u>948,648</u>	<u>122,046,825</u>
11. REACTOR SERVICE FACTOR (%)	<u>100.0</u>	<u>100.0</u>	<u>79.9</u>
12. REACTOR AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>100.0</u>	<u>79.9</u>
13. UNIT SERVICE FACTOR (%)	<u>100.0</u>	<u>100.0</u>	<u>78.1</u>
14. UNIT AVAILABILITY FACTOR (%)	<u>100.0</u>	<u>100.0</u>	<u>78.1</u>
15. UNIT CAPACITY FACTOR - Using MDC (%)	<u>102.0</u>	<u>102.0</u>	<u>76.1</u>
16. UNIT CAPACITY FACTOR - Using DER (%)	<u>102.0</u>	<u>102.0</u>	<u>76.1</u>
17. UNIT FORCED OUTAGE RATE (%)	<u>0.0</u>	<u>0.0</u>	<u>13.8</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 Feb. 2, 2004
COMPLETED BY R.L. Hill
TELEPHONE 361.972.7667

MONTH JANUARY

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1277</u>	17	<u>1276</u>
2	<u>1277</u>	18	<u>1276</u>
3	<u>1277</u>	19	<u>1276</u>
4	<u>1277</u>	20	<u>1273</u>
5	<u>1277</u>	21	<u>1275</u>
6	<u>1274</u>	22	<u>1276</u>
7	<u>1277</u>	23	<u>1275</u>
8	<u>1277</u>	24	<u>1267</u>
9	<u>1276</u>	25	<u>1267</u>
10	<u>1276</u>	26	<u>1266</u>
11	<u>1276</u>	27	<u>1275</u>
12	<u>1275</u>	28	<u>1277</u>
13	<u>1275</u>	29	<u>1277</u>
14	<u>1277</u>	30	<u>1276</u>
15	<u>1276</u>	31	<u>1276</u>
16	<u>1276</u>		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-499
 UNIT 2
 DATE Feb. 2, 2004
 COMPLETED BY R.L. Hill
 TELEPHONE 361.972.7667

REPORT MONTH JANUARY

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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