Nuclear Operating Company
South Texas Project Nuclear Operating Company PO Box 289 Wadsworth, Texas 77483

August 19, 2002
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10CFR50.71
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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 July 2002

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 July 2002. If you should have any questions on this matter, please contact R.L. Hill at (361) 972-7667.

F.H. Mallen
Manager, Planning &
Controls

Attachments: 1) STPEGS Unit 1 Monthly Operating Report – July 2002
2) STPEGS Unit 2 Monthly Operating Report – July 2002

IE24 DJH

cc:
(paper copy)

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Regional Administrator, Region IV
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SOUTH TEXAS PROJECT

ELECTRIC GENERATING STATION

UNIT 1

MONTHLY OPERATING REPORT

JULY 2002

STP NUCLEAR OPERATING COMPANY

NRC DOCKET NO. 50-498

LICENSE NO. NPF-76

Approved By: E.D. HALPIN

8/17/02
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 Aug. 12, 2002
COMPLETED BY R.L. Hill
TELEPHONE 361.972.7667

OPERATING STATUS

1. REPORTING PERIOD: 07/1/02-07/31/02 GROSS HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (Mwt): 3853
   MAXIMUM DEPENDABLE CAPACITY (MWe-Net): 1268
   DESIGN ELECTRICAL RATING (MWe-Net): 1268
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	5,087.0	95,036.9
6.	REACTOR RESERVE SHUTDOWN HOURS	0	0	0
7.	HOURS GENERATOR ON LINE	744.0	5,087.0	93,406.8
8.	UNIT RESERVE SHUTDOWN HOURS	0	0	0
9.	GROSS THERMAL ENERGY GENERATED (MWH)	2,839,756	19,383,703	348,682,043
10.	NET ELECTRICAL ENERGY GENERATED (MWH)	944,979	6,438,579	113,786,693
11.	REACTOR SERVICE FACTOR (%)	100.0	100.0	77.8
12.	REACTOR AVAILABILITY FACTOR (%)	100.0	100.0	77.8
13.	UNIT SERVICE FACTOR (%)	100.0	100.0	76.5
14.	UNIT AVAILABILITY FACTOR (%)	100.0	100.0	76.5
15.	UNIT CAPACITY FACTOR - Using MDC (%)	100.2	101.2	74.5
16.	UNIT CAPACITY FACTOR - Using DER (%)	100.2	101.2	74.5
17.	UNIT FORCED OUTAGE RATE (%)	0.0	0.0	13.6

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 Aug. 12, 2002
COMPLETED BY R.L. Hill
TELEPHONE 361.972.7667

MONTH JULY

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1271	17	1274
2	1272	18	1273
3	1274	19	1272
4	1274	20	1270
5	1273	21	1269
6	1274	22	1268
7	1272	23	1269
8	1266	24	1266
9	1264	25	1265
10	1273	26	1266
11	1272	27	1268
12	1271	28	1269
13	1268	29	1270
14	1270	30	1270
15	1269	31	1270
16	1272		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-498
UNIT 1
DATE Aug. 12, 2002
COMPLETED BY R.L. Hill
TELEPHONE 361.972.7667

REPORT MONTH JULY

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

JULY 2002

STP NUCLEAR OPERATING COMPANY

NRC DOCKET NO. 50-499

LICENSE NO. NPF-80

Approved By: E.D. HALPIN

8/17/02
Date

MONTHLY SUMMARY

South Texas Project Unit 2 began the reporting period operating at full power. On July 7, at 2312 an automatic reactor trip occurred due to the failure of an inverter that caused the distribution panel to lose power. The loss of the distribution panel caused the main feed water regulating valves to fully open. This resulted in the water level in the steam generators to increase, which caused the turbine and subsequently the reactor to trip. The inverter failure was caused by a fuse failure that resulted from a voltage spike in the electrical system that provides power to the distribution panel. The fuse was replaced and the unit was returned to service on July 9, at 1414. Full power was achieved on July 10, at 1130.

OPERATING DATA REPORT

DOCKETNO. 50-499
UNIT 2
DATE Aug. 12, 2002
COMPLETED BY R.L. Hill
TELEPHONE 361.972.7667

OPERATING STATUS

1. REPORTING PERIOD: 07/1/02-07/31/02 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	717.2	4,992.1	92,806.1
6.	REACTOR RESERVE SHUTDOWN HOURS	0	0	0
7.	HOURS GENERATOR ON LINE	705.0	4,938.8	90,566 5
8.	UNIT RESERVE SHUTDOWN HOURS	0	0	0
9.	GROSS THERMAL ENERGY GENERATED (MWH)	2,665,426	18,790,267	337,950,798
10.	NET ELECTRICAL ENERGY GENERATED (MWH)	861,073	6,126,097	110,084,218
11.	REACTOR SERVICE FACTOR (%)	96.4	98.1	80.7
12.	REACTOR AVAILABILITY FACTOR (%)	96 4	98.1	80.7
13.	UNIT SERVICE FACTOR (%)	94.8	97.1	78.8
14.	UNIT AVAILABILITY FACTOR (%)	94.8	97.1	78.8
15.	UNIT CAPACITY FACTOR - Using MDC (%)	92.5	96.3	76.6
16.	UNIT CAPACITY FACTOR - Using DER (%)	92.5	96.3	76.6
17.	UNIT FORCED OUTAGE RATE (%)	5.2	2.9	13.4

18. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, & DURATION OF EACH):

    Scheduled 70-day outage to allow refueling and steam generator replacement to begin on October 2, 2002.

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 Aug. 12, 2002
COMPLETED BY R.L. Hill
TELEPHONE 361.972.7667

MONTH JULY

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1242	17	1241
2	1242	18	1231
3	1242	19	1239
4	1241	20	1238
5	1241	21	1236
6	1242	22	1235
7	1198	23	1235
8	0	24	1232
9	118	25	1233
10	1143	26	1234
11	1239	27	1236
12	1237	28	1237
13	1234	29	1239
14	1237	30	1239
15	1237	31	1240
16	1240		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-499
UNIT 2
DATE Aug. 12, 2002
COMPLETED BY R.L. Hill
TELEPHONE 361.972.7667

REPORT MONTH JULY

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
02-02	020707	F	39.0	A	3	02-02-003	JB	INVT	Automatic reactor trip occurred due to the failure of an inverter that caused the distribution panel to lose power. The loss of the distribution panel caused the main feed water regulating valves to fully open. This resulted in the water level in the steam generators to increase, which caused the turbine and subsequently the reactor to trip. The inverter failure was caused by a fuse failure that resulted from a voltage spike in the electrical system that provides power to the distribution panel. The fuse 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.