Nuclear Operating Company

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

April 15, 2003
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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 March 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 March 2003. If you should have any questions on this matter, please contact R.L. Hill at (361) 972-7667.

Kathleen Cornett
for
F.H. Mallen
Manager, Financial Controls

Attachments: 1) STPEGS Unit 1 Monthly Operating Report – March 2003
2) STPEGS Unit 2 Monthly Operating Report – March 2003

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cc:
(paper copy)

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SOUTH TEXAS PROJECT

ELECTRIC GENERATING STATION

UNIT 1

MONTHLY OPERATING REPORT

MARCH 2003

STP NUCLEAR OPERATING COMPANY

NRC DOCKET NO. 50-498

LICENSE NO. NPF-76

Approved By: E.D. HALPIN

Date: 4/15/03

MONTHLY SUMMARY

South Texas Project Unit 1 began the reporting period operating at full power. On March 1, at 0154 the unit was manually tripped in response to a loss of condensate flow caused by a failed power supply. The power supply was replaced, the unit returned to service on March 3, at 0610 and full power was achieved on March 6, at 0112.

On March 14, the unit began a reactor power coastdown due to fuel burnup. Coastdown operations were successfully completed and the unit was removed from service on March 26, at 0001 for refueling.

OPERATING DATA REPORT

DOCKET NO. 50-498
UNIT 1
DATE Apr. 8, 2003
COMPLETED BY R L. Hill
TELEPHONE 361.972.7667

OPERATING STATUS

1. REPORTING PERIOD: 3/1/03-3/31/03 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	555 0	1,971.0	100,500 1
6.	REACTOR RESERVE SHUTDOWN HOURS	0	0	0
7.	HOURS GENERATOR ON LINE	547.7	1,963.7	98,856.9
8.	UNIT RESERVE SHUTDOWN HOURS	0	0	0
9.	GROSS THERMAL ENERGY GENERATED (MWH)	1,943,922	7,348,061	369,298,524
10.	NET ELECTRICAL ENERGY GENERATED (MWH)	647,291	2,463,746	120,679,801
11.	REACTOR SERVICE FACTOR (%)	74.6	91.2	78.5
12.	REACTOR AVAILABILITY FACTOR (%)	74.6	91.2	78.5
13.	UNIT SERVICE FACTOR (%)	73.6	90 9	77.3
14.	UNIT AVAILABILITY FACTOR (%)	73.6	90.9	77.3
15.	UNIT CAPACITY FACTOR - Using MDC (%)	69.6	91.2	75.4
16.	UNIT CAPACITY FACTOR - Using DER (%)	69.6	91.2	75.4
17.	UNIT FORCED OUTAGE RATE (%)	8.7	2.6	13.2

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: 4/20/03

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-498
UNIT 1
DATE Apr. 8, 2003
COMPLETED BY R.L Hill
TELEPHONE 361.972 7667

MONTH MARCH

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	55	17	1169
2	0	18	1187
3	383	19	1193
4	1209	20	1179
5	1242	21	1175
6	1274	22	1163
7	1271	23	1153
8	1272	24	1142
9	1286	25	974
10	1283	26	0
11	1271	27	0
12	1254	28	0
13	1225	29	0
14	1226	30	0
15	1229	31	0
16	1156		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-498
UNIT 1
DATE Apr. 8, 2003
COMPLETED BY R.L. Hill
TELEPHONE 361.972 7667

REPORT MONTH MARCH

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
03-01	030301	F	52.3	A	2	01-03-002	SD	JX	Manual reactor trip in response to a loss of condensate flow caused by a failed power supply. The power supply 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

On March 12, with Unit 1 at 100 percent reactor power, pressurizer PORV PCV-0656A momentarily opened and then closed during the performance of an analog channel operational test. The surveillance test procedure (0PSP02-RC-0455) was suspended after the PORV lifted.

It was determined that the surveillance test included a recently revised procedural step that was technically incorrect. All other scheduled surveillance tests were reviewed to evaluate if any recent revisions would have a similar impact.

SOUTH TEXAS PROJECT

ELECTRIC GENERATING STATION

UNIT 2

MONTHLY OPERATING REPORT

MARCH 2003

STP NUCLEAR OPERATING COMPANY

NRC DOCKET NO. 50-499

LICENSE NO. NPF-80

Approved By: E.D. HALPIN

4/15/03
Date

MONTHLY SUMMARY

South Texas Project Unit 2 began the reporting period shutdown for repairs on the main turbine/generator rotor train. Following repairs the unit was returned to service on March 13, at 1819 and achieved full power on March 15, at 0200.

OPERATING DATA REPORT

DOCKETNO. 50-499
UNIT 2
DATE Apr. 8, 2003
COMPLETED BY R.L. Hill
TELEPHONE 361.972.7667

OPERATING STATUS

1. REPORTING PERIOD: 3/1/03-3/31/03 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	466.5	546.7	95,104.4
6.	REACTOR RESERVE SHUTDOWN HOURS	0	0	0
7.	HOURS GENERATOR ON LINE	447.8	513.1	92,805.5
8.	UNIT RESERVE SHUTDOWN HOURS	0	0	0
9.	GROSS THERMAL ENERGY GENERATED (MWH)	1,618,988	1,773,989	346,187,640
10.	NET ELECTRICAL ENERGY GENERATED (MWH)	532,988	579,365	112,757,332
11.	REACTOR SERVICE FACTOR (%)	62.7	25.3	78.7
12.	REACTOR AVAILABILITY FACTOR (%)	62.7	25.3	78.7
13.	UNIT SERVICE FACTOR (%)	60.2	23.8	76 8
14.	UNIT AVAILABILITY FACTOR (%)	60 2	23.8	76 8
15.	UNIT CAPACITY FACTOR - Using MDC (%)	57.3	21.4	74 6
16.	UNIT CAPACITY FACTOR - Using DER (%)	57.3	21.4	74.6
17.	UNIT FORCED OUTAGE RATE (%)	39.8	76 2	14.8

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

DOCKETNO. 50-499
UNIT 2
DATE Apr. 8, 2003
COMPLETED BY R.L. Hill
TELEPHONE 361.972.7667

MONTH MARCH

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	1273
2	0	18	1275
3	0	19	1275
4	0	20	1275
5	0	21	1279
6	0	22	1278
7	0	23	1278
8	0	24	1278
9	0	25	1276
10	0	26	1260
11	0	27	1269
12	0	28	1263
13	27	29	1263
14	543	30	1270
15	1277	31	1272
16	1278		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-499
UNIT 2
DATE Apr. 8, 2003
COMPLETED BY R L. Hill
TELEPHONE 361 972 7667

REPORT MONTH MARCH

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
03-01	030124	F	296.2	A	4	N/A	TA	TRB	Main turbine/generator removed from service due to excessive vibration.

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

On March 9, Unit 2 was transitioning Reactor Coolant System (RCS) temperature control from Main Steam (MS) Power Operated Relief Valve (PORV) 2C to MS PORV 2B, when an unexpected MS Low Compensated Pressure Safety Injection signal was initiated. The plant was stable in Mode 3 at normal operating pressure (2235 psig) and temperature (567 degrees Fahrenheit). All four (4) MS Isolation valves were closed for ongoing work on turbine train. MS PORV 2C had been in service for temperature control for approximately three and one-half days. Temperature control was being transferred to MS PORV 2B to support the work schedule.

During recovery from the safety injection event, RCS Pressurizer PORV 0655A unexpectedly opened due to increasing pressurizer pressure. This resulted when the spray valves closed due to the instrument air isolation with the pressurizer heaters in manual. The pressurizer heaters were secured and the RCS pressure stabilized.