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(1-P)

PLANT NAME: Turkey Point Units 3 & 4
St. Lucie Unit No. 1

RJL 7/15/77

ENCLOSURE

Monthly Report for JUNE 1977
Plant & Component Operability & Availability.
This Report to be used in preparing Gray Book by Plans & Operations.

(11-P)

FOR ACTION/INFORMATION

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FLORIDA POWER & LIGHT COMPANY

July 7, 1977

Office of Management Information
and Program Controls
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Regulatory File Cy

Gentlemen:

Attached are the June, 1977, Operating Status Reports for Turkey Point Unit Nos. 3 and 4 and St. Lucie Unit No. 1.

The May, 1977, Operating Data Report for Turkey Point Unit No. 3 incorrectly reported values for Gross Thermal Energy, Gross Electrical Energy, and Net Electrical Energy Generated during May, 1977. We are attaching a revised May, 1977, Operating Data Report for Turkey Point Unit No. 3.

We regret any inconvenience caused by these errors.

Very truly yours,

A. D. Schmidt
Vice President
Power Resources

VTC/DDC

cc: Mr. Norman C. Moseley
Robert Lowenstein, Esquire

771960214

APPENDIX B
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 250
UNIT Turkey Point Unit No. 3
DATE July 7, 1977
COMPLETED BY V. T. Chilson
TELEPHONE (305) 552-3769

MONTH JUNE, 1977

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	489	17	652
2	666	18	649
3	674	19	643
4	674	20	643
5	670	21	646
6	663	22	647
7	660	23	650
8	662	24	649
9	665	25	647
10	629	26	646
11	616	27	643
12	658	28	642
13	655	29	644
14	647	30	643
15	378	31	
16	685		

NOTE: Average daily power greater than 666 MWe due to cooler condenser cooling water.

APPENDIX C
OPERATING DATA REPORT

DOCKET NO. 50 - 250
UNIT Turkey Point Unit No. 3
DATE July 7, 1977
COMPLETED BY V. T. Chilson
TELEPHONE (305) 552-3769

REPORT MONTH JUNE, 1977

OPERATING STATUS

1. REPORTING PERIOD: 0001,77,06,01 GROSS HOURS IN REPORTING PERIOD: 720.0
   THROUGH 2400,77,06,30
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 2200
   MAX.DEPEND. CAPACITY (MWe-Net): 666
   DESIGN ELECTRICAL RATING (MWe-Net): 693
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): NONE
4. REASONS FOR RESTRICTION (IF ANY):

		THIS MONTH	YEAR TO DATE	CUMULATIVE
5.	NUMBERS OF HOURS REACTOR WAS CRITICAL.....	718.6	3 843.8	31 833.9
6.	REACTOR RESERVE SHUTDOWN HOURS.....	-0-	-0-	67.4
7.	HOURS GENERATOR ON LINE.....	713.0	3 692.4	30 731.5
8.	UNIT RESERVE SHUTDOWN HOURS.....	-0-	-0-	85.0
9.	GROSS THERMAL ENERGY GENERATED (MWH).....	1 543 264	7 925 803	59 655 391
10.	GROSS ELECTRICAL ENERGY GENERATED (MWH)...	483 136	2 554 886	19 125 337
11.	NET ELECTRICAL ENERGY GENERATED (MWH).....	459 271	2 426 717	18 102 702
12.	REACTOR SERVICE FACTOR.....	99.8	88.5	79.4
13.	REACTOR AVAILABILITY FACTOR.....	99.8	88.5	79.6
14.	UNIT SERVICE FACTOR.....	99.0	85.0	76.7
15.	UNIT AVAILABILITY FACTOR.....	99.0	85.0	76.9
16.	UNIT CAPACITY FACTOR (Using (MDC).....	95.8	83.9	68.6
17.	UNIT CAPACITY FACTOR (Using Design MWe)...	92.0	80.6	65.2
18.	UNIT FORCED OUTAGE RATE.....	1.0	1.4	2.8

19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):
    Steam Generator Inspection - August 17 - September 13, 1977
20. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:

21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):

	FORECAST	ACHIEVED
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

APPENDIX C
OPERATING DATA REPORT
REVISED

DOCKET NO. 50 - 250
UNIT Turkey Point Unit No. 3

REPORT MONTH May 1977 REVISED DATE July 7, 1977

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552 - 3769

OPERATING STATUS

1. REPORTING PERIOD: 0001,77,05,01 GROSS HOURS IN REPORTING PERIOD: 744.0
   THROUGH 2400,77,05,31
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 2 200
   MAX.DEPEND. CAPACITY (MWe-Net): 666
   DESIGN ELECTRICAL RATING (MWe-Net): 693
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): NONE
4. REASONS FOR RESTRICTION (IF ANY):

		THIS MONTH	YEAR TO DATE	CUMULATIVE
5.	NUMBERS OF HOURS REACTOR WAS CRITICAL.....	736.4	3 125.2	31 165.3
6.	REACTOR RESERVE SHUTDOWN HOURS.....	-0-	-0-	67.4
7.	HOURS GENERATOR ON LINE.....	732.8	2 979.3	30 018.5
8.	UNIT RESERVE SHUTDOWN HOURS.....	-0-	-0-	85.0
9.	GROSS THERMAL ENERGY GENERATED (MWH).....	1 599 394	6 382 539	58 112 127
10.	GROSS ELECTRICAL ENERGY GENERATED (MWH)...	517 170	2 071 750	18 642 201
11.	NET ELECTRICAL ENERGY GENERATED (MWH).....	492 741	1 967 446	17 643 431
12.	REACTOR SERVICE FACTOR.....	99.0	86.3	79.2
13.	REACTOR AVAILABILITY FACTOR.....	99.0	86.3	79.4
14.	UNIT SERVICE FACTOR.....	98.5	82.2	76.3
15.	UNIT AVAILABILITY FACTOR.....	98.5	82.2	76.5
16.	UNIT CAPACITY FACTOR (Using (MDC).....	99.4	81.5	68.1
17.	UNIT CAPACITY FACTOR (Using Design MWe)...	95.6	78.4	64.7
18.	UNIT FORCED OUTAGE RATE.....	1.5	1.5	2.8

19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):
    Steam Generator Inspection - July 10 - Aug. 6, 1977
20. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: _____
21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):

	FORECAST	ACHIEVED
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

APPENDIX D

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 250
UNIT NAME Turkey Point Unit No. 3
DATE July 7, 1977
COMPLETED BY V. T. Chilson
TELEPHONE (305) 552-3769

REPORT MONTH JUNE, 1977

1) REASON
A: EQUIPMENT FAILURE (EXPLAIN)
B: MAINT. OR TEST
C: REFUELING
D: REGULATORY RESTRICTION
E: OPERATOR TRAINING AND LICENSE EXAMINATION
F: ADMINISTRATIVE
G: OPERATIONAL ERROR (EXPLAIN)
H: OTHER (EXPLAIN)

2) METHOD
1: MANUAL
2: MANUAL SCRAM
3: AUTOMATIC SCRAM
4: OTHER (EXPLAIN)

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON(1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER(2)	CORRECTIVE ACTIONS/COMMENTS
15	77-06-01	F	-0-	A	4	Load reduction to repair steam generator feedwater pump No. 3A discharge check valve seal ring leak. (Non-nuclear system)
16	77-06-14	F	7.0	G	3	Unit No. 3 was tripped due to a transient pressure condition on the turbine auto-stop oil system. (Non-nuclear system)

SUMMARY: Unit No. 3 operated at approximately 100% R.P. during month except for load reduction on June 1 and outage of June 14-15, 1977.

APPENDIX B
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 251
UNIT Turkey Point Unit No. 4
DATE July 6, 1977
COMPLETED BY V. T. Chilson
TELEPHONE (305) 552-3769

MONTH JUNE, 1977

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

APPENDIX C
OPERATING DATA REPORT

DOCKET NO. 50 - 251
UNIT Turkey Point Unit No. 4
DATE July 7, 1977
COMPLETED BY V. T. Chilson
TELEPHONE (305) 552-3769

REPORT MONTH JUNE, 1977

OPERATING STATUS

1. REPORTING PERIOD: 0001,77,06,01 GROSS HOURS IN REPORTING PERIOD: 720.0
   THROUGH 2400,77,06,30
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 2200
   MAX. DEPEND. CAPACITY (MWe-Net): 666
   DESIGN ELECTRICAL RATING (MWe-Net): 693
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): NONE
4. REASONS FOR RESTRICTION (IF ANY):

		THIS MONTH	YEAR TO DATE	CUMULATIVE
5.	NUMBERS OF HOURS REACTOR WAS CRITICAL.....	0.0	2 521.9	24 243.7
6.	REACTOR RESERVE SHUTDOWN HOURS.....	-0-	-0-	138.8
7.	HOURS GENERATOR ON LINE.....	0.0	2 496.7	23 038.8
8.	UNIT RESERVE SHUTDOWN HOURS.....	-0-	-0-	-0-
9.	GROSS THERMAL ENERGY GENERATED (MWH).....	-0-	5 424 235	48 483 605
10.	GROSS ELECTRICAL ENERGY GENERATED (MWH)...	-0-	1 768 385	15 726 068
11.	NET ELECTRICAL ENERGY GENERATED (MWH).....	- 1 236	1 678 909	14 909 375
12.	REACTOR SERVICE FACTOR.....	0.0	58.1	71.7
13.	REACTOR AVAILABILITY FACTOR.....	0.0	58.1	72.2
14.	UNIT SERVICE FACTOR.....	0.0	57.5	68.2
15.	UNIT AVAILABILITY FACTOR.....	0.0	57.5	68.2
16.	UNIT CAPACITY FACTOR (Using (MDC).....	0.0	58.0	66.9
17.	UNIT CAPACITY FACTOR (Using Design MWe)...	0.0	55.8	63.7
18.	UNIT FORCED OUTAGE RATE.....	0.0	0.0	3.2

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

20. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: August 4, 1977

21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):

	FORECAST	ACHIEVED
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

.) REASON
A: EQUIPMENT FAILURE (EXPLAIN)
B: MAINT. OR TEST
C: REFUELING
D: REGULATORY RESTRICTION
E: OPERATOR TRAINING AND LICENSE EXAMINATION
F: ADMINISTRATIVE
G: OPERATIONAL ERROR (EXPLAIN)
H: OTHER (EXPLAIN)

) METHOD
1: MANUAL
2: MANUAL SCRAM
3: AUTOMATIC SCRAM
4: OTHER (EXPLAIN)

APPENDIX D

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH JUNE, 1977

DOCKET NO. 50 - 251
UNIT NAME Turkey Point Unit No. 4
DATE July 7, 1977
COMPLETED BY V. T. Chilson
TELEPHONE (305) 552-3769

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON(1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER(2)	CORRECTIVE ACTIONS/COMMENTS
5	77-05-09	S	720.0	C	4	Unit No. 4 was removed from service for refueling, maintenance, and inspections. (Continued from previous month) (Nuclear and non-nuclear systems)

SUMMARY: Unit No. 4 was out of service for entire month for refueling, maintenance, and inspections.

APPENDIX B
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 335
UNIT St. Lucie Unit No. 1
DATE July 7, 1977
COMPLETED BY V. T. Chilson
TELEPHONE (305) 552-3769

MONTH JUNE, 1977

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	---	17	746
2	---	18	775
3	---	19	776
4	---	20	782
5	---	21	781
6	661	22	768
7	573	23	787
8	758	24	782
9	724	25	708
10	785	26	160
11	777	27	770
12	782	28	219
13	569	29	773
14	716	30	773
15	691	31	
16	746		

NOTE: Average daily power level greater than 777 MWe due to cooler condenser cooling water.

APPENDIX C
OPERATING DATA REPORT

DOCKET NO. 50 - 335
St. Lucie
UNIT Unit No. 1

REPORT MONTH JUNE, 1977

DATE July 7, 1977

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3769

OPERATING STATUS

1. REPORTING PERIOD: 0001,77,06,01 GROSS HOURS IN REPORTING PERIOD: 720.0
   THROUGH 2400,77,06,30
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 2560
   MAX.DEPEND. CAPACITY (MWe-Net): 777 (Est.)
   DESIGN ELECTRICAL RATING (MWe-Net): 802
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): NONE
4. REASONS FOR RESTRICTION (IF ANY):

		THIS MONTH	YEAR TO DATE	CUMULATIVE
5.	NUMBERS OF HOURS REACTOR WAS CRITICAL.....	630.1	3 609.1	3 873.1
6.	REACTOR RESERVE SHUTDOWN HOURS.....	84.7	92.8	92.8
7.	HOURS GENERATOR ON LINE.....	576.1	3 448.5	3 712.5
8.	UNIT RESERVE SHUTDOWN HOURS.....	-0-	-0-	-0-
9.	GROSS THERMAL ENERGY GENERATED (MWH).....	1 377 938	7 603 896	7 951 499
10.	GROSS ELECTRICAL ENERGY GENERATED (MWH)...	443 980	2 467 380	4 120 650
11.	NET ELECTRICAL ENERGY GENERATED (MWH).....	415 192	2 304 588	2 403 563
12.	REACTOR SERVICE FACTOR.....	87.5	83.1	84.1
13.	REACTOR AVAILABILITY FACTOR.....	99.3	85.2	86.1
14.	UNIT SERVICE FACTOR.....	80.0	79.4	80.6
15.	UNIT AVAILABILITY FACTOR.....	80.0	79.4	80.6
16.	UNIT CAPACITY FACTOR (Using (MDC).....	74.2	68.3	67.1
17.	UNIT CAPACITY FACTOR (Using Design MWe)...	71.9	66.2	65.1
18.	UNIT FORCED OUTAGE RATE.....	25.0	19.3	18.2

19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):
    Preliminary Warranty Inspection - September 3 to September 16, 1977
20. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:

21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):	FORECAST	ACHIEVED
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

APPENDIX D

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 335
UNIT NAME St. Lucie Unit No. 1
DATE July 7, 1977
COMPLETED BY V. T. Chilson
TELEPHONE (305) 552-3769

REPORT MONTH JUNE, 1977

(1) REASON
- A: EQUIPMENT FAILURE (EXPLAIN)
- B: MAINT. OR TEST
- C: REFUELING
- D: REGULATORY RESTRICTION
- E: OPERATOR TRAINING AND LICENSE EXAMINATION
- F: ADMINISTRATIVE
- G: OPERATIONAL ERROR (EXPLAIN)
- H: OTHER (EXPLAIN)

(2) METHOD
- 1: MANUAL
- 2: MANUAL SCRAM
- 3: AUTOMATIC SCRAM
- 4: OTHER (EXPLAIN)

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON(1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER(2)	CORRECTIVE ACTIONS/COMMENTS
18	77-05-31	F	102.4	A	4	Unit was tripped by actuation of the loss of field relay. Corrective action included replacement of generator exciter components. (Continued from previous month)
19	77-06-05	F	3.5	B	4	Unit was removed from service to balance the turbine-generator-exciter. (Non-nuclear system)
20	77-06-05	F	3.4	B	4	Unit was removed from service to balance the turbine-generator-exciter. (Non-nuclear system)
21	77-06-05	F	3.1	B	4	Unit was removed from service to balance the turbine-generator-exciter. (Non-nuclear system)
22	77-06-07	F	3.8	G	3	Reactor trip caused by loss of second of two rod control system power supplies. (Nuclear system)
23	77-06-13	F	-0-	A	4	Load reduction to repair leak on turbine plant cooling water pump No. 1B seal water system. (Non-nuclear system)

APPENDIX D

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 335
UNIT NAME St. Lucie Unit No. 1
DATE July 7, 1977
COMPLETED BY V. T. Chilson
TELEPHONE (305) 552-3769

REPORT MONTH JUNE, 1977

(1) REASON
- A: EQUIPMENT FAILURE (EXPLAIN)
- B: MAINT. OR TEST
- C: REFUELING
- D: REGULATORY RESTRICTION
- E: OPERATOR TRAINING AND LICENSE EXAMINATION
- F: ADMINISTRATIVE
- G: OPERATIONAL ERROR (EXPLAIN)
- H: OTHER (EXPLAIN)

(2) METHOD
- 1: MANUAL
- 2: MANUAL SCRAM
- 3: AUTOMATIC SCRAM
- 4: OTHER (EXPLAIN)

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON(1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER(2)	CORRECTIVE ACTIONS/COMMENTS
24	77-06-25	F	14.6	A	3	Unit tripped on low steam generator level as a result of the loss of steam generator feedwater pump No. 1A which tripped due to failed expansion joint in the condensate system. Corrective action included replacing the failed expansion joint. (Non-nuclear system)
25	77-06-28	F	13.1	A	4	Unit was removed from service to repair packing leak on valve located inside the containment building that could not be isolated. (Nuclear system)

SUMMARY: Unit operated at approximately 99% R.P. during month except for load reduction on June 13 and outages of May 31-June 5, June 7, June 25-26, and June 28, 1977.

RECEIVED DOCUMENT
PROCESSING UNIT

1977 JUL 14 AM 9 21