

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER
MONTHLY REPORT

TO:

N. R. C.

FROM:
Florida Power & Light Co.
Miami, Florida
A. D. Schmidt

DATE OF DOCUMENT
9/7/76
DATE RECEIVED
9/20/76

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DESCRIPTION
LETTER TRANS THE FOLLOWING:

PLANT NAME: (1-P)

Turkey Point 3-~~3~~-4-
St. Lucie #1

ENCLOSURE
MONTHLY REPORT FOR August, 1976
PLANT & COMPONENT OPERABILITY &
AVAILABILITY. THIS REPORT TO BE USED IN
PREPARING GRAY BOOK BY PLANS & OPERATIONS.

(8-P)
ACKNOWLEDGED
DO NOT REMOVE

SAFETY FOR ACTION/INFORMATION ENVIRO 9/21/76 RJL

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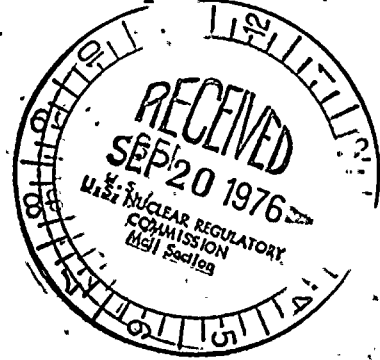
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September 7, 1976



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

Gentlemen:

Attached are the August, 1976 Operating Status Reports
for Turkey Point Unit Nos. 3 and 4 and St. Lucie Unit
No. 1.

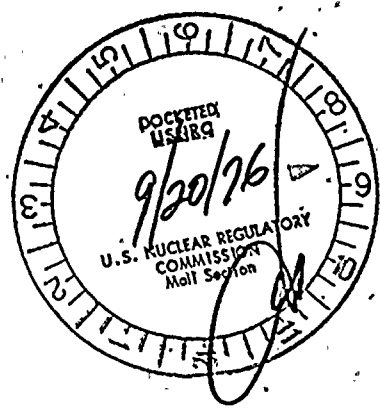
Very truly yours,

A. D. Schmidt
Vice President
Power Resources

VTC/PM
Attachments

cc: Mr. Norman C. Moseley
Jack R. Newman, Esquire

REGULATORY DOCKET FILE COPY



9550

APPENDIX B
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 250

UNIT Turkey Point Unit No. 3

DATE Sept. 3, 1976

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552 - 3830

MONTH August 1976

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>635</u>
2	<u>645</u>
3	<u>637</u>
4	<u>635</u>
5	<u>640</u>
6	<u>613</u>
7	<u>576</u>
8	<u>608</u>
9	<u>465</u>
10	<u>638</u>
11	<u>638</u>
12	<u>616</u>
13	<u>---</u>
14	<u>---</u>
15	<u>---</u>
16	<u>---</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>411</u>
18	<u>659</u>
19	<u>665</u>
20	<u>675</u>
21	<u>623</u>
22	<u>633</u>
23	<u>656</u>
24	<u>619</u>
25	<u>---</u>
26	<u>---</u>
27	<u>---</u>
28	<u>---</u>
29	<u>---</u>
30	<u>---</u>
31	<u>---</u>

NOTE: Daily average power level greater than 666 MWe due to cooler condenser cooling water.

APPENDIX D

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 250
 UNIT NAME Turkey Point Unit No. 3
 DATE Sept. 3, 1976
 COMPLETED BY V. T. Chilson
 TELEPHONE (305) 552 - 3830

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

REPORT MONTH August 1976

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
	16.	76-08-06	S	-0-	B	N/A	Load reduction to perform periodic test of turbine main steam stop, reheat stop, and reheat intercept valves. (Non-nuclear system)
	17	76-08-08	F	-0-	A	N/A	Load reduction to locate and repair condenser tube leak. (Non-nuclear system)
	18	76-08-13	S	101.8	A	1	Unit No. 3 was removed from service to repair leaking drain valve located inside containment (Nuclear System)
	19	76-08-25	S	167.7	A	1	Unit No. 3 was removed from service to locate and repair tube leak in steam generator No. 3A. There were no significant quantities of radioactive material released as a result of this small leak. Corrective action was to plug the leaking tube. (Nuclear System)

SUMMARY: Unit No. 3 operated at approximately 100% R.P. during month except for load reductions on August 6 and 8, outage of August 13 - 17, and outage of August 25 to September 1, 1976.

APPENDIX B
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 251

UNIT Turkey Point Unit No. 4

DATE Sept. 3, 1976

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552 - 3830

MONTH August 1976

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>654</u>
2	<u>656</u>
3	<u>655</u>
4	<u>652</u>
5	<u>653</u>
6	<u>651</u>
7	<u>654</u>
8	<u>649</u>
9	<u>650</u>
10	<u>653</u>
11	<u>652</u>
12	<u>659</u>
13	<u>661</u>
14	<u>660</u>
15	<u>660</u>
16	<u>655</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>657</u>
18	<u>658</u>
19	<u>667</u>
20	<u>668</u>
21	<u>657</u>
22	<u>644</u>
23	<u>642</u>
24	<u>644</u>
25	<u>642</u>
26	<u>644</u>
27	<u>650</u>
28	<u>659</u>
29	<u>658</u>
30	<u>655</u>
31	<u>652</u>

NOTE: Daily average power level greater than 666 MWe due to cooler condenser cooling water.

APPENDIX D

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 251

UNIT NAME Turkey Point Unit No. 4

DATE Sept. 3, 1976

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552 - 3830

REPORT MONTH August 1976

- 1: REASON
 A: EQUIPMENT FAILURE (EXPLAIN)
 B: MAINT. OR TEST
 C: REPAIRING
 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
			NONE			

SUMMARY: Unit No. 4 operated at approximately 100% R.P. during month.

APPENDIX C
OPERATING DATA REPORT

DOCKET NO. 50 - 251

UNIT Turkey Point Unit No. 4

DATE Sept. 3, 1976

REPORT MONTH August 1976

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552 - 3830

OPERATING STATUS

1. REPORTING PERIOD: 0001,76,08,01 GROSS HOURS IN REPORTING PERIOD: 744.0
THROUGH 2400,76,08,31
2. CURRENTLY AUTHORIZED POWER LEVEL (MWe): 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. NUMBER OF HOURS REACTOR WAS CRITICAL.....	<u>744.0</u>	<u>4 371.5</u>	<u>20 017.4</u>
6. REACTOR RESERVE SHUTDOWN HOURS.....	<u>-0-</u>	<u>-0-</u>	<u>117.1</u>
7. HOURS GENERATOR ON LINE.....	<u>744.0</u>	<u>4 200.6</u>	<u>18 914.2</u>
8. UNIT RESERVE SHUTDOWN HOURS.....	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
9. GROSS THERMAL ENERGY GENERATED (MMH).....	<u>1 627 439</u>	<u>8 932 479</u>	<u>39 581 115</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MMH) ..	<u>511 287</u>	<u>2 856 508</u>	<u>12 835 585</u>
11. NET ELECTRICAL ENERGY GENERATED (MMH)	<u>486 418</u>	<u>2 709 864</u>	<u>12 168 494</u>
12. REACTOR SERVICE FACTOR.....	<u>100.0</u>	<u>74.7</u>	<u>75.5</u>
13. REACTOR AVAILABILITY FACTOR.....	<u>100.0</u>	<u>74.7</u>	<u>75.9</u>
14. UNIT SERVICE FACTOR.....	<u>100.0</u>	<u>71.7</u>	<u>71.3</u>
15. UNIT AVAILABILITY FACTOR.....	<u>100.0</u>	<u>71.7</u>	<u>71.3</u>
16. UNIT CAPACITY FACTOR (Using MDC).....	<u>98.2</u>	<u>69.5</u>	<u>69.7</u>
17. UNIT CAPACITY FACTOR (Using Design MWe) ..	<u>94.3</u>	<u>66.8</u>	<u>66.2</u>
18. UNIT FORCED OUTAGE RATE.....	<u>0.0</u>	<u>4.6</u>	<u>3.8</u>
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

NONE

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 B
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 335

UNIT St. Lucie Unit No. 1

DATE Sept. 3, 1976

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552 - 3830

MONTH August 1976

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	---
2	---
3	---
4	---
5	---
6	---
7	---
8	---
9	---
10	---
11	---
12	---
13	---
14	---
15	---
16	---

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	---
18	---
19	---
20	---
21	---
22	---
23	---
24	---
25	---
26	---
27	---
28	---
29	---
30	---
31	---



0 1 2 3 4 5 6 7 8 9

APPENDIX D

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 335

UNIT NAME St. Lucie Unit No. 1

DATE Sept. 3, 1976

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552 - 3830

REPORT MONTH August 1976

- PERSON
- A: EQUIPMENT FAILURE (EXPLAIN)
 - B: MAINT. OR TEST
 - C: RESCHEDULING
 - 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)

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON(1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER(2)	CORRECTIVE ACTIONS/COMMENTS
16	76-07-10	F	744.0	F	1	Unit was removed from service for reactor tests and inspection. (Nuclear System)

SUMMARY: Unit No. 1 reactor inspection continued during month.



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APPENDIX C
OPERATING DATA REPORT

DOCKET NO. 50 - 335

UNIT St. Lucie Unit 1

DATE Sept. 3, 1976

REPORT MONTH August 1976

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552 - 3830

OPERATING STATUS

1. REPORTING PERIOD: 0001,76,08,01 THROUGH 2400,76,08,31 GROSS HOURS IN REPORTING PERIOD: 744.0
2. CURRENTLY AUTHORIZED POWER LEVEL (MWT): 2560
MAX. DEPEND. CAPACITY (MWe-Net): 802 (Estimated)
DESIGN ELECTRICAL RATING (MWe-Net): 802
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): 722
4. REASONS FOR RESTRICTION (IF ANY):
"Temporary 90% restriction pending reactor coolant flow analysis"

	THIS MONTH	YEAR TO DATE	CUMULATIVE
5. NUMBER OF HOURS REACTOR WAS CRITICAL.....	<u>-0-</u>	<u>1 366.6</u>	<u>1 366.6</u>
6. REACTOR RESERVE SHUTDOWN HOURS.....	<u>N/A (1)</u>	<u>N/A (1)</u>	<u>N/A (1)</u>
7. HOURS GENERATOR ON LINE.....	<u>-0-</u>	<u>1 121.9</u>	<u>1 121.9</u>
8. UNIT RESERVE SHUTDOWN HOURS.....	<u>N/A (1)</u>	<u>N/A (1)</u>	<u>N/A (1)</u>
9. GROSS THERMAL ENERGY GENERATED (MWH).....	<u>-0-</u>	<u>1 495 088</u>	<u>1 495 088</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)...	<u>-0-</u>	<u>418 670</u>	<u>418 670</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)....	<u>-0-</u>	<u>374 180</u>	<u>374 180</u>
12. REACTOR SERVICE FACTOR.....	<u>0.0</u>	<u>48.4</u>	<u>48.4</u>
13. REACTOR AVAILABILITY FACTOR.....	<u>0.0</u>	<u>48.4</u>	<u>48.4</u>
14. UNIT SERVICE FACTOR.....	<u>0.0</u>	<u>40.3</u>	<u>40.3</u>
15. UNIT AVAILABILITY FACTOR.....	<u>0.0</u>	<u>40.3</u>	<u>40.3</u>
16. UNIT CAPACITY FACTOR (Using MDC).....	<u>0.0</u>	<u>16.7</u>	<u>16.7</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)...	<u>0.0</u>	<u>16.7</u>	<u>16.7</u>
18. UNIT FORCED OUTAGE RATE.....	<u>100.0</u>	<u>56.5</u>	<u>56.5</u>
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): N/A (1)			

20. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: ---

UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):	FORECAST	ACHIEVED
INITIAL CRITICALITY	<u> </u>	<u>April 22, 1976</u>
INITIAL ELECTRICITY	<u> </u>	<u>May 7, 1976</u>
COMMERCIAL OPERATION	<u> </u>	<u> </u>

NOTE: (1). Unit in test status

18

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