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DESCRIPTION

LETTER TRANS THE FOLLOWING:

ENCLOSURE

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

**DO NOT REMOVE
ACKNOWLEDGED**

PLANT NAME: Turkey PT. # 3 & 4
St. Lucie # 1

SAFETY

FOR ACTION/INFORMATION

ENVIRO

SAB 5-11-76

MIPC

W/4 CYS FOR ACTION

INTERNAL DISTRIBUTION

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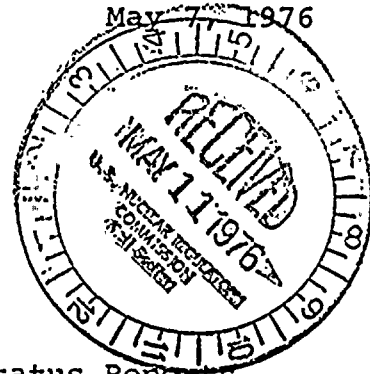
RECORDS SECTION

Regulatory

File Cycle



May 7 1976



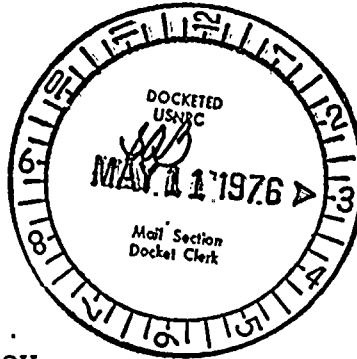
Office of Management Information
and Program Controls
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Gentlemen:

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

Very truly yours,

for J.R. Beusen
A. D. Schmidt
Vice President
Power Resources



VTC/pm
Attachments

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

4744

10/20/59



APPENDIX B
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 250

UNIT Turkey Point Unit No. 3

DATE May 5, 1976

COMPLETED BY V.T. Chilson

TELEPHONE (305) 552 - 3830

MONTH April 1976

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>662</u>
2	<u>661</u>
3	<u>670</u>
4	<u>667</u>
5	<u>664</u>
6	<u>665</u>
7	<u>663</u>
8	<u>664</u>
9	<u>669</u>
10	<u>673</u>
11	<u>384</u>
12	<u>634</u>
13	<u>662</u>
14	<u>660</u>
15	<u>623</u>
16	<u>487</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>666</u>
18	<u>663</u>
19	<u>658</u>
20	<u>660</u>
21	<u>661</u>
22	<u>580</u>
23	<u>650</u>
24	<u>649</u>
25	<u>623</u>
26	<u>650</u>
27	<u>649</u>
28	<u>644</u>
29	<u>645</u>
30	<u>571</u>
31	<u> </u>

NOTE: Daily average power level 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

REPORT MONTH April 1976

DATE May 5, 1976

COMPLETED BY V.T. Chilson

TELEPHONE (305) 552 - 3830

OPERATING STATUS

1. REPORTING PERIOD: 0001, 76, 04, 01 GROSS HOURS IN REPORTING PERIOD: 719.0*
THROUGH 2400, 76, 04, 30
 2. CURRENTLY AUTHORIZED POWER LEVEL (Mwt): 2 200
MAX. DEPEND. CAPACITY (MWe-Net): 555
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>718.4</u> | <u>2,643.4</u> | <u>23,923.6</u> |
| 6. REACTOR RESERVE SHUTDOWN HOURS..... | <u>-0-</u> | <u>15.4</u> | <u>18.6</u> |
| 7. HOURS GENERATOR ON LINE..... | <u>717.9</u> | <u>2,600.8</u> | <u>22,970.8</u> |
| 8. UNIT RESERVE SHUTDOWN HOURS..... | <u>-0-</u> | <u>15.4</u> | <u>85.0</u> |
| 9. GROSS THERMAL ENERGY GENERATED (MWH)..... | <u>1,529,615</u> | <u>5,587,873</u> | <u>42,900,133</u> |
| 10. GROSS ELECTRICAL ENERGY GENERATED (MWH) .. | <u>481,830</u> | <u>1,793,370</u> | <u>13,808,606</u> |
| 11. NET ELECTRICAL ENERGY GENERATED (MWH)..... | <u>457,957</u> | <u>1,703,726</u> | <u>13,059,488</u> |
| 12. REACTOR SERVICE FACTOR..... | <u>99.9</u> | <u>91.0</u> | <u>80.1</u> |
| 13. REACTOR AVAILABILITY FACTOR..... | <u>99.9</u> | <u>91.1</u> | <u>80.2</u> |
| 14. UNIT SERVICE FACTOR..... | <u>99.8</u> | <u>89.6</u> | <u>76.9</u> |
| 15. UNIT AVAILABILITY FACTOR..... | <u>99.8</u> | <u>89.6</u> | <u>77.2</u> |
| 16. UNIT CAPACITY FACTOR (Using MDC)..... | <u>95.6</u> | <u>88.1</u> | <u>66.8</u> |
| 17. UNIT CAPACITY FACTOR (Using Design MWe) .. | <u>91.9</u> | <u>84.7</u> | <u>63.1</u> |
| 18. UNIT FORCED OUTAGE RATE..... | <u>0.1</u> | <u>0.2</u> | <u>3.4</u> |
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):
Refueling, Maintenance, and Inspections - October 4 through November 14, 1976
 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	_____	_____

*NOTE: Changed to D.S.T. on April 25, 1976

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME Turkey Point Unit No. 3DATE May 5, 1976COMPLETED BY V.T. ChilsonTELEPHONE (305) 552 - 3830REPORT MONTH April 1976

- (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
08	76-04-11	F	-0-	A	4	Load on Unit No. 3 was reduced to approximately 258 MWe (45 % R.P.) to locate and repair condenser tube leak. (Non-Nuclear System)
09	76-04-15	F	-0-	A	4	Load on Unit No. 3 was reduced to approximately 215 MWe to locate and repair condenser tube leak. (Non-Nuclear System)
10	76-04-22	F	1.1	G	3	Reactor trip caused by removing undervoltage time delay relay from service on operating unit, in error. Corrective action taken included installing large signs identifying each relay cabinet and associated unit number.

SUMMARY: Unit No. 3 operated at approximately 100 % R.P. except for reactor trip on April 22 and load reductions to repair condenser tube leaks on April 11 and 15, 1976.

APPENDIX C
OPERATING DATA REPORT

DOCKET NO. 50 - 251

UNIT Turkey Point Unit No. 4

REPORT MONTH April 1976

DATE May 5, 1976

COMPLETED BY V.T. Chilson

TELEPHONE (305) 552 - 3830

OPERATING STATUS

1. REPORTING PERIOD: 0001, 76, 04, 01 GROSS HOURS IN REPORTING PERIOD: 719*
2. CURRENTLY AUTHORIZED POWER LEVEL (Mwt): 2 200
MAX. DEPEND. CAPACITY (MWe-Net): 866
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>410.5</u>	<u>2,411.0</u>	<u>18,056.9</u>
6. REACTOR RESERVE SHUTDOWN HOURS.....	<u>.0-</u>	<u>-0-</u>	<u>117.1</u>
7. HOURS GENERATOR ON LINE.....	<u>408.7</u>	<u>2,370.5</u>	<u>17,034.2</u>
8. UNIT RESERVE SHUTDOWN HOURS.....	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
9. GROSS THERMAL ENERGY GENERATED (MWH).....	<u>872,933</u>	<u>5,135,759</u>	<u>35,784,395</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)..	<u>275,701</u>	<u>1,661,601</u>	<u>11,640,678</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)....	<u>261,336</u>	<u>1,580,280</u>	<u>11,038,910</u>
12. REACTOR SERVICE FACTOR.....	<u>57.1</u>	<u>83.1</u>	<u>76.6</u>
13. REACTOR AVAILABILITY FACTOR.....	<u>57.1</u>	<u>83.1</u>	<u>77.1</u>
14. UNIT SERVICE FACTOR.....	<u>56.8</u>	<u>81.7</u>	<u>72.5</u>
15. UNIT AVAILABILITY FACTOR.....	<u>56.8</u>	<u>81.7</u>	<u>72.5</u>
16. UNIT CAPACITY FACTOR (Using MDC).....	<u>54.6</u>	<u>65.0</u>	<u>71.3</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)..	<u>52.4</u>	<u>78.6</u>	<u>67.6</u>
18. UNIT FORCED OUTAGE RATE.....	<u>-0-</u>	<u>2.4</u>	<u>3.4</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: June 7, 1976

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

* NOTE: Changed to D.S.T. on April 25, 1976



APPENDIX B
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 251

UNIT Turkey Point Unit No. 4

DATE May 5, 1976

COMPLETED BY V.T. Chilson

TELEPHONE (305) 552 - 3830

MONTH April 1976

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>662</u>
2	<u>661</u>
3	<u>648</u>
4	<u>419</u>
5	<u>662</u>
6	<u>658</u>
7	<u>660</u>
8	<u>661</u>
9	<u>663</u>
10	<u>672</u>
11	<u>660</u>
12	<u>660</u>
13	<u>657</u>
14	<u>657</u>
15	<u>664</u>
16	<u>660</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>599</u>
18	<u>---</u>
19	<u>---</u>
20	<u>---</u>
21	<u>---</u>
22	<u>---</u>
23	<u>---</u>
24	<u>---</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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME Turkey Point Unit No. 4

DATE May 5, 1976

COMPLETED BY V.T. Chilson

TELEPHONE (305) 552-3830

REPORT MONTH April 1976

- (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
09	76-04-03	S	-0-	B	4	Load on Unit No. 4 was reduced to approximately 250 MWe to perform periodic test of turbine main steam stop, reheat stop, and reheat intercept valves. (Non-Nuclear System)
10	76-04-18	S	310.3	C	1	Unit No. 4 was removed from service for scheduled refueling, maintenance, and inspections. (Nuclear and Non-Nuclear Systems)

SUMMARY: Unit No. 4 operated at approximately 100 % R.P. until unit was removed from service for refueling, maintenance, and inspections on April 18, 1976, except for load reduction for periodic turbine valve test on April 3, 1976.

APPENDIX C
OPERATING DATA REPORT

DOCKET NO. 50 - 335

UNIT St. Lucie Unit No. 1

REPORT MONTH April 1976

DATE May 5, 1976

COMPLETED BY V.T. Chilson

TELEPHONE (305) 552 - 3830

OPERATING STATUS

1. REPORTING PERIOD: 0001, 76, 04, 01 GROSS HOURS IN REPORTING PERIOD: 719.0*
THROUGH 2400, 76, 04, 30
2. CURRENTLY AUTHORIZED POWER LEVEL (Mwt): 2 560
MAX. DEPEND. CAPACITY (Mwe-Net): N/A
DESIGN ELECTRICAL RATING (Mwe-Net): 802
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (Mwe-Net): N/A
4. REASONS FOR RESTRICTION (IF ANY):

	THIS MONTH	YEAR TO DATE	CUMULATIVE
5. NUMBER OF HOURS REACTOR WAS CRITICAL.....	183.5	183.5	183.5
6. REACTOR RESERVE SHUTDOWN HOURS.....	↑	↑	↑
7. HOURS GENERATOR ON LINE.....	↑	↑	↑
8. UNIT RESERVE SHUTDOWN HOURS.....	↑	↑	↑
9. GROSS THERMAL ENERGY GENERATED (MWH).....	↑	↑	↑
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)..	↑	↑	↑
11. NET ELECTRICAL ENERGY GENERATED (MWH)....	↑	↑	↑
12. REACTOR SERVICE FACTOR.....	N/A	N/A	N/A
13. REACTOR AVAILABILITY FACTOR.....	↑	↑	↑
14. UNIT SERVICE FACTOR.....	↑	↑	↑
15. UNIT AVAILABILITY FACTOR.....	↑	↑	↑
16. UNIT CAPACITY FACTOR (Using MDC).....	↑	↑	↑
17. UNIT CAPACITY FACTOR (Using Design MWe)..	↑	↑	↑
18. UNIT FORCED OUTAGE RATE.....	↓	↓	↓

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: _____

21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):	FORECAST	ACHIEVED
INITIAL CRITICALITY	_____	April 22, 1976
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

* NOTE: Changed to DST on April 25, 1976

APPENDIX B
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 335

UNIT St. Lucie Unit No. 1

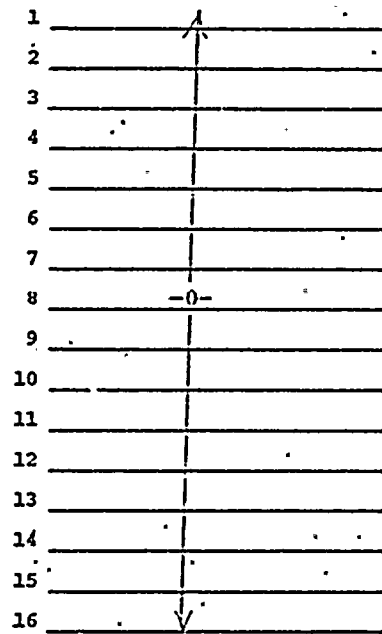
DATE May 5, 1976

COMPLETED BY V.T. Chilson

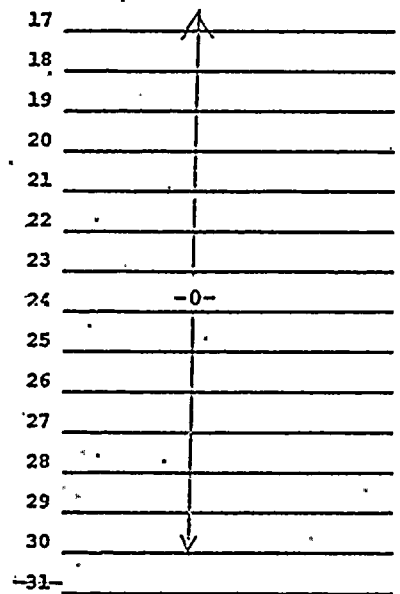
TELEPHONE (305) 552 - 3830

MONTH April 1976

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)



DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)



APPENDIX D

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 335

UNIT NAME St. Lucie Unit No. 1

DATE May 5, 1976

COMPLETED BY V.T. Chilson

TELEPHONE (305) 552 - 3830

- (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)

REPORT MONTH April 1976

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

NO.	DATE	TYPE		DURATION (HOURS)	REASON(1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER(2)	CORRECTIVE ACTIONS/COMMENTS
		F: FORCED	S: SCHEDULED				
							N/A

SUMMARY: Unit No. 1 achieved initial criticality at 8:30 a.m. April 22, 1976.
 Low power physics test program in progress.

