

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER
MONTHLY REPORT

TO: NRC

FROM: FLORIDA POWER & LIGHT CO
MIAMI, FLA
A D SCHMIDT

DATE OF DOCUMENT
8-5-76

DATE RECEIVED
8-13-76

LETTER
 ORIGINAL
 COPY

NOTORIZED
 UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED
1 SIGNED

DESCRIPTION
LETTER TRANS THE FOLLOWING:

PLANT NAME: ST LUCIE #1
TURKEY POINTS #3 & #4

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

NOTE: ATTACHED ALSO IS CORRECTED COPY
FOR ST LUCIE #1 FOR JUNE 1976..

ACKNOWLEDGED

DO NOT REMOVE

SAFETY

FOR ACTION/INFORMATION

ENVIRO 8-16-76 EKB

<input checked="" type="checkbox"/>	MIPC			
	W/4 CYS FOR ACTION			

INTERNAL DISTRIBUTION

<input checked="" type="checkbox"/>	REG FILE			
<input checked="" type="checkbox"/>	NRC PDR			
<input checked="" type="checkbox"/>	MCDONALD			
<input checked="" type="checkbox"/>	S. CHAPMAN			
<input checked="" type="checkbox"/>	BRANCH CHIEF(L)	LEAR - ZIEMANN		
<input checked="" type="checkbox"/>	LIC. ASST. (L)	PARRISH - Duggs		

EXTERNAL DISTRIBUTION

CONTROL NUMBER

<input checked="" type="checkbox"/>	LDR: MIAMI, FLA	—	FT. PIERCE, FLA.....	
<input checked="" type="checkbox"/>	TIC			
<input checked="" type="checkbox"/>	NSIC			

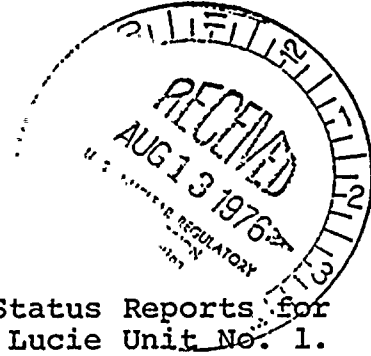
8245



August 5, 1976

Regulatory Docket File

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



Gentlemen:

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

St. Lucie Unit No. 1 was previously reported to be in commercial operation, in error. We are attaching the corrected June, 1976 Operating Status Report for St. Lucie Unit No. 1.

We regret any inconvenience caused by this error.

Very truly yours,

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



VTC/pm
Attachments

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

8245

APPENDIX B
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 250

UNIT Turkey Point Unit No. 3

DATE Aug. 5, 1976

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552 - 3830

MONTH July 1976

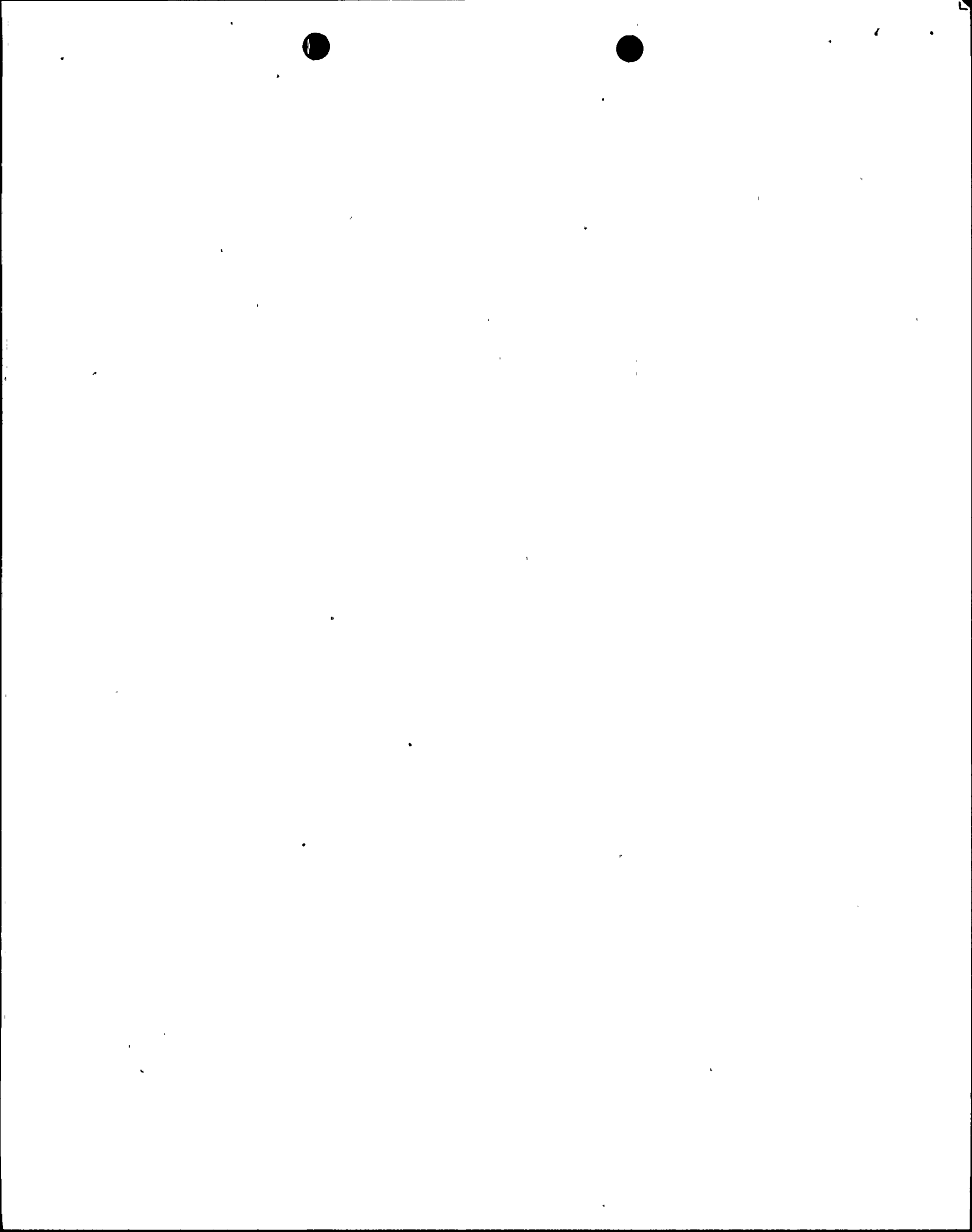
DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>660</u>
2	<u>636</u>
3	<u>654</u>
4	<u>655</u>
5	<u>651</u>
6	<u>649</u>
7	<u>651</u>
8	<u>652</u>
9	<u>650</u>
10	<u>654</u>
11	<u>652</u>
12	<u>646</u>
13	<u>644</u>
14	<u>644</u>
15	<u>639</u>
16	<u>641</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>643</u>
18	<u>642</u>
19	<u>639 -</u>
20	<u>641</u>
21	<u>639</u>
22	<u>640</u>
23	<u>644</u>
24	<u>637</u>
25	<u>638</u>
26	<u>634</u>
27	<u>640</u>
28	<u>637</u>
29	<u>636</u>
30	<u>632</u>
31	<u>632</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 July 1976

DATE Aug. 5, 1976

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552 - 3830

OPERATING STATUS:

1. REPORTING PERIOD: 0001,76,07,01 GROSS HOURS IN REPORTING PERIOD: 744.0
THROUGH 2400,76,07,31
2. CURRENTLY AUTHORIZED POWER LEVEL (Mwt): 2200
MAX. DEPEND. CAPACITY (MWe-Net): 688
DESIGN ELECTRICAL RATING (MWe-Net): 693
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): NONE
4. REASONS FOR RESTRICTION (IF ANY):

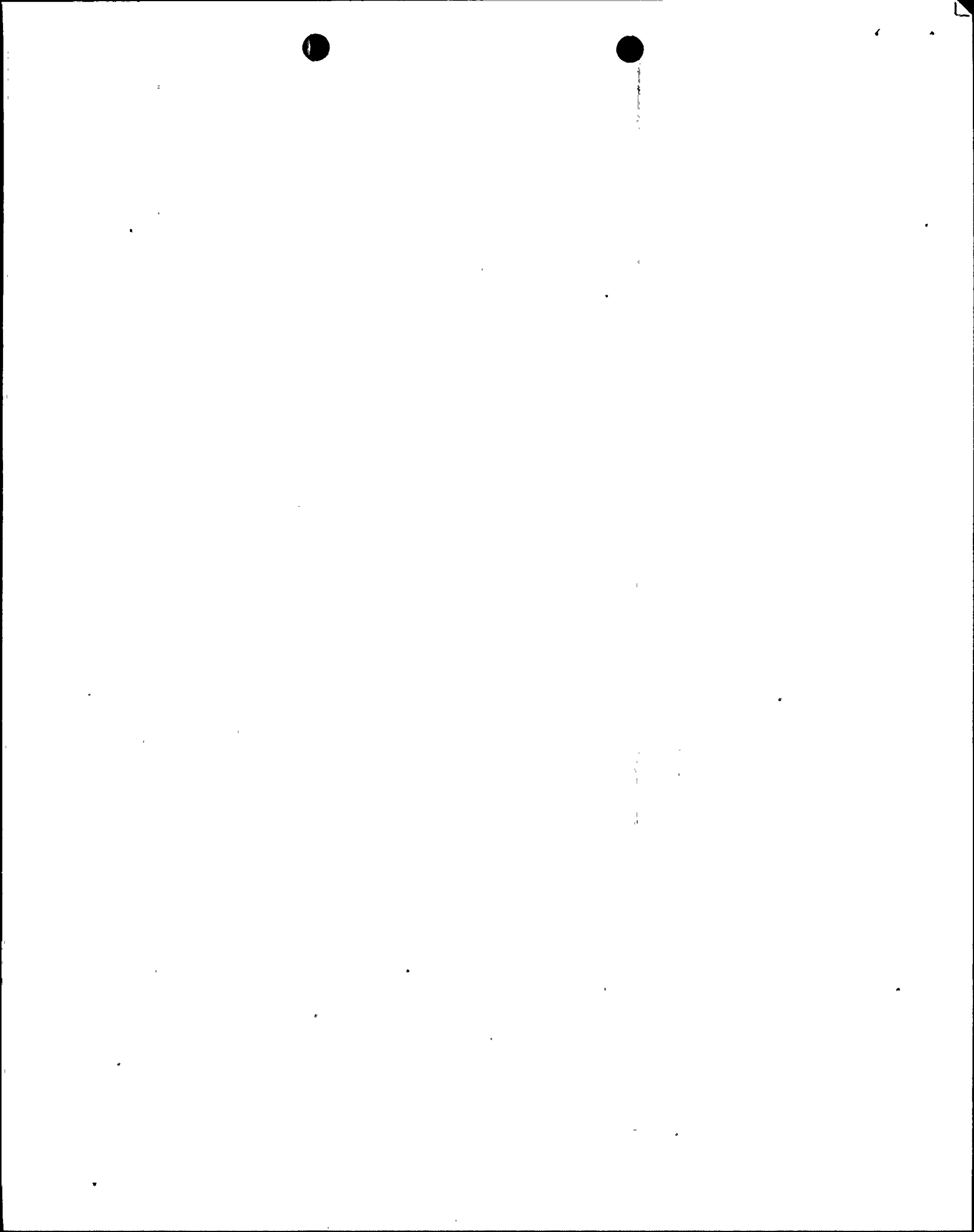
	THIS MONTH	YEAR TO DATE	CUMULATIVE
5. NUMBER OF HOURS REACTOR WAS CRITICAL.....	<u>744.0</u>	<u>4 509.9</u>	<u>25 790.0</u>
6. REACTOR RESERVE SHUTDOWN HOURS.....	<u>-0-</u>	<u>64.2</u>	<u>67.4</u>
7. HOURS GENERATOR ON LINE.....	<u>744.0</u>	<u>4 437.6</u>	<u>24 807.6</u>
8. UNIT RESERVE SHUTDOWN HOURS.....	<u>-0-</u>	<u>-0-</u>	<u>85.0</u>
9. GROSS THERMAL ENERGY GENERATED (MWH).....	<u>1 629 884</u>	<u>9 580 710</u>	<u>46 892 970</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)..	<u>503 700</u>	<u>3 045 360</u>	<u>15 060 596</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)....	<u>478 780</u>	<u>2 890 825</u>	<u>14 246 587</u>
12. REACTOR SERVICE FACTOR.....	<u>100.0</u>	<u>88.2</u>	<u>80.4</u>
13. REACTOR AVAILABILITY FACTOR.....	<u>100.0</u>	<u>89.5</u>	<u>80.6</u>
14. UNIT SERVICE FACTOR.....	<u>100.0</u>	<u>86.8</u>	<u>77.4</u>
15. UNIT AVAILABILITY FACTOR.....	<u>100.0</u>	<u>86.8</u>	<u>77.6</u>
16. UNIT CAPACITY FACTOR (Using MDC).....	<u>96.6</u>	<u>84.9</u>	<u>67.7</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)..	<u>92.9</u>	<u>81.6</u>	<u>64.1</u>
18. UNIT FORCED OUTAGE RATE.....	<u>-0-</u>	<u>0.2</u>	<u>3.2</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	_____	_____



APPENDIX D

DOCKET NO. 50-250

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME Turkey Point Unit No. 3DATE August 5, 1976COMPLETED BY V.T. ChilsonTELEPHONE (305) 552 - 3830REPORT MONTH July 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
						NONE

SUMMARY: Unit No. 3 operated at approximately 100 % R.P. during month.

APPENDIX B
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 251

UNIT Turkey Point Unit No. 4

DATE Aug. 5, 1976

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552 - 3830

MONTH July 1976

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>666</u>
2	<u>666</u>
3	<u>667</u>
4	<u>669</u>
5	<u>666</u>
6	<u>667</u>
7	<u>669</u>
8	<u>671</u>
9	<u>668</u>
10	<u>674</u>
11	<u>670</u>
12	<u>659</u>
13	<u>658</u>
14	<u>656</u>
15	<u>659</u>
16	<u>663</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>662</u>
18	<u>661</u>
19	<u>660</u>
20	<u>662</u>
21	<u>661</u>
22	<u>658</u>
23	<u>661</u>
24	<u>654</u>
25	<u>656</u>
26	<u>466</u>
27	<u>659</u>
28	<u>657</u>
29	<u>653</u>
30	<u>652</u>
31	<u>628</u>

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

APPENDIX C
OPERATING DATA REPORT

DOCKET NO. 50 - 251

UNIT Turkey Point Unit No. 4

DATE Aug. 5, 1976

REPORT MONTH July 1976

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552 - 3830

OPERATING STATUS:

1. REPORTING PERIOD: 0001,76,07,01 GROSS HOURS IN REPORTING PERIOD: 744.0
THROUGH 2400,76,07,31
2. CURRENTLY AUTHORIZED POWER LEVEL (MWe): 2200
MAX. DEPEND. CAPACITY (MWe-Net): 665
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>741.3</u>	<u>3 627.4</u>	<u>19 273.4</u>
6. REACTOR RESERVE SHUTDOWN HOURS.....	<u>-0-</u>	<u>-0-</u>	<u>117.1</u>
7. HOURS GENERATOR ON LINE.....	<u>738.4</u>	<u>3 456.6</u>	<u>18 170.2</u>
8. UNIT RESERVE SHUTDOWN HOURS.....	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
9. GROSS THERMAL ENERGY GENERATED (MWH).....	<u>1 612 492</u>	<u>7 305 040</u>	<u>37 953 676</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH) ..	<u>511 520</u>	<u>2 345 221</u>	<u>12 324 298</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)....	<u>487 161</u>	<u>2 223 446</u>	<u>11 682 076</u>
12. REACTOR SERVICE FACTOR.....	<u>99.6</u>	<u>71.0</u>	<u>74.8</u>
13. REACTOR AVAILABILITY FACTOR.....	<u>99.6</u>	<u>71.0</u>	<u>75.2</u>
14. UNIT SERVICE FACTOR.....	<u>99.2</u>	<u>67.6</u>	<u>70.5</u>
15. UNIT AVAILABILITY FACTOR.....	<u>99.2</u>	<u>67.6</u>	<u>70.5</u>
16. UNIT CAPACITY FACTOR (Using MDC).....	<u>98.3</u>	<u>65.3</u>	<u>68.9</u>
17. UNIT CAPACITY FACTOR (Using Design MWe) ..	<u>94.5</u>	<u>62.8</u>	<u>65.4</u>
18. UNIT FORCED OUTAGE RATE.....	<u>0.8</u>	<u>5.6</u>	<u>3.9</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 D

DOCKET NO. 50 - 251

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME Turkey Point Unit No. 4

(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)

DATE August 5, 1976COMPLETED BY V. T. ChilsonREPORT MONTH July 1976TELEPHONE (305) 552 - 3830

(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	76-07-26	F	5.6	A	3	Reactor tripped during transient condition resulting from loss of steam generator feedwater pump No. 4A when the pump low suction pressure trip actuated. Corrective action included testing and recalibrating the low suction pressure trip. (Non-nuclear System)

SUMMARY: Unit No. 4 operated at approximately 100 % R.P. during month except for outage of July 26, 1976.

APPENDIX B
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 335

UNIT St. Lucie Unit No. 1

DATE Aug. 5, 1976

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552 - 3830

MONTH July 1976

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>58</u>
2	<u>75</u>
3	<u>561</u>
4	<u>563</u>
5	<u>566</u>
6	<u>531</u>
7	<u>325</u>
8	<u>334</u>
9	<u>326</u>
10	<u>94</u>
11	<u>---</u>
12	<u>---</u>
13	<u>---</u>
14	<u>---</u>
15	<u>---</u>
16	<u>---</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>---</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>

APPENDIX C
OPERATING DATA REPORT

DOCKET NO. 50 - 335

UNIT St. Lucie Unit No. 1

DATE Aug. 5, 1976

REPORT MONTH July 1976

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552-3830

OPERATING STATUS:

1. REPORTING PERIOD: 0001, 76, 07, 01 GROSS HOURS IN REPORTING PERIOD: 744.0
THROUGH 2400, 76, 07, 31
2. CURRENTLY AUTHORIZED POWER LEVEL (MWe): 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>360.1</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>189.5</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 (MGH).....	<u>308 019</u>	<u>1 495 088</u>	<u>1 495 088</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)..	<u>89 830</u>	<u>418 670</u>	<u>418 670</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)....	<u>82 396</u>	<u>374 180</u>	<u>374 180</u>
12. REACTOR SERVICE FACTOR.....	<u>48.4</u>	<u>66.1</u>	<u>66.1</u>
13. REACTOR AVAILABILITY FACTOR.....	<u>48.4</u>	<u>66.1</u>	<u>66.1</u>
14. UNIT SERVICE FACTOR.....	<u>25.5</u>	<u>54.9</u>	<u>54.9</u>
15. UNIT AVAILABILITY FACTOR.....	<u>25.5</u>	<u>54.9</u>	<u>54.9</u>
16. UNIT CAPACITY FACTOR (Using MDC).....	<u>13.8</u>	<u>22.8</u>	<u>22.8</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)..	<u>13.8</u>	<u>22.8</u>	<u>22.8</u>
18. UNIT FORCED OUTAGE RATE.....	<u>74.5</u>	<u>38.9</u>	<u>38.9</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: ---

21. 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

APPENDIX D

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 335UNIT NAME St. Lucie Unit No. 1DATE August 5, 1976COMPLETED BY V.T. ChilsonTELEPHONE (305) 552 - 3830REPORT MONTH July 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
12	76-07-01	F	29.2	A	3	Unit was removed from service to repair leak in the generator hydrogen system. (Non-nuclear System)
13	76-07-02	F	3.8	A	3	Reactor was tripped by steam generator level trip during return of unit to power operation after outage. (Non-nuclear System).
14	76-07-02	F	5.0	A	2	Unit was removed from service to investigate and correct problem with turbine control system. (Non-nuclear System)
15	76-07-06	F	-0-	B	N/A	Load reduction to clean condensate pump suction strainer. (Non-nuclear System)
16	76-07-10	F	516.3	F	1	Unit was removed from service for reactor tests and inspection. (Nuclear System)

SUMMARY: St. Lucie Unit No. 1 Power Ascension Test Program continued until July 10, 1976 when the unit was removed from service for reactor tests and inspection.

APPENDIX B
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 335

UNIT St. Lucie Unit No. 1

DATE Aug. 5, 1976

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552 - 3830

MONTH June 1976 (Corrected)

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>327</u>
2	<u>324</u>
3	<u>327</u>
4	<u>330</u>
5	<u>330</u>
6	<u>324</u>
7	<u>149</u>
8	<u>316</u>
9	<u>318</u>
10	<u>319</u>
11	<u>322</u>
12	<u>225</u>
13	<u>---</u>
14	<u>---</u>
15	<u>---</u>
16	<u>---</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>---</u>
18	<u>---</u>
19	<u>---</u>
20	<u>233</u>
21	<u>462</u>
22	<u>458</u>
23	<u>330</u>
24	<u>128</u>
25	<u>452</u>
26	<u>526</u>
27	<u>322</u>
28	<u>410</u>
29	<u>541</u>
30	<u>546</u>
31	<u>---</u>

NOTE: Corrected - Unit No. 1 was previously reported to be in commercial operation, in error. The unit remained in test status.

APPENDIX C
OPERATING DATA REPORT

DOCKET NO. 50 - 335

UNIT St. Lucia Unit No. 1

DATE Aug. 5, 1976

REPORT MONTH June 1976 (Corrected)

COMPLETED BY V. T. Chilson

TELEPHONE (305) 552 - 3830

OPERATING STATUS

1. REPORTING PERIOD: 0001.76.06.01 GROSS HOURS IN REPORTING PERIOD: 720.0
THROUGH 2400.76.06.30
 2. CURRENTLY AUTHORIZED POWER LEVEL (MWe): 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 ⁽¹⁾ | YEAR TO DATE ⁽²⁾ | CUMULATIVE ⁽²⁾ |
|---|---------------------------|-----------------------------|---------------------------|
| 5. NUMBER OF HOURS REACTOR WAS CRITICAL..... | <u>524.1</u> | <u>1 006.5</u> | <u>1 006.5</u> |
| 6. REACTOR RESERVE SHUTDOWN HOURS..... | <u>N/A (3)</u> | <u>N/A (3)</u> | <u>N/A (3)</u> |
| 7. HOURS GENERATOR ON LINE..... | <u>516.6</u> | <u>932.4</u> | <u>932.4</u> |
| 8. UNIT RESERVE SHUTDOWN HOURS..... | <u>N/A (3)</u> | <u>N/A (3)</u> | <u>N/A (3)</u> |
| 9. GROSS THERMAL ENERGY GENERATED (MWH)..... | <u>750 137</u> | <u>1 187 069</u> | <u>1 187 069</u> |
| 10. GROSS ELECTRICAL ENERGY GENERATED (MWH) .. | <u>211 690</u> | <u>328 840</u> | <u>328 840</u> |
| 11. NET ELECTRICAL ENERGY GENERATED (MWH).... | <u>189 436</u> | <u>291 784</u> | <u>291 784</u> |
| 12. REACTOR SERVICE FACTOR..... | <u>72.8</u> | <u>76.2</u> | <u>76.2</u> |
| 13. REACTOR AVAILABILITY FACTOR..... | <u>72.8</u> | <u>76.2</u> | <u>76.2</u> |
| 14. UNIT SERVICE FACTOR..... | <u>71.8</u> | <u>71.8</u> | <u>71.8</u> |
| 15. UNIT AVAILABILITY FACTOR..... | <u>71.8</u> | <u>71.8</u> | <u>71.8</u> |
| 16. UNIT CAPACITY FACTOR (Using MDC)..... | <u>32.8</u> | <u>28.0</u> | <u>28.0</u> |
| 17. UNIT CAPACITY FACTOR (Using Design MWe) .. | <u>32.8</u> | <u>28.0</u> | <u>28.0</u> |
| 18. UNIT FORCED OUTAGE RATE..... | <u>4.2</u> | <u>14.6</u> | <u>14.6</u> |
| 19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):
N/A (3) | | | |
| 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 | _____ | May 7, 1976 | |
| COMMERCIAL OPERATION | _____ | _____ | |

NOTE: (1) Corrected - St. Lucia Unit No. 1 was previously reported to be in commercial operation, in error. The unit remained in test status.

(2) Revised values, beginning with initial power generation-to-date.

(3) Unit in test status.



UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME St. Lucie Unit No. 1

DATE August 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 June 1976 (Corrected)

- (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	76-06-07	F	10.1	A	2	Reactor was manually tripped due to drop of a CEA during the performance of reactor physics tests. (Nuclear System)
09	76-06-12	S	180.5	B	3	Performing test, generator trip with shutdown outside control room. (Nuclear System) Outage continued for maintenance. (Nuclear and Non-nuclear Systems)
10	76-06-23	F	12.8	A	3	Reactor was tripped during transient condition caused by closure of a MSIV when power supply to a vital instrument bus was lost. (Nuclear System)
11	76-06-24	F	-0-	B	N/A	Load reduction to clean condensate pump suction strainer. (Non-nuclear System)

SUMMARY: St. Lucie Unit No. 1 Power Ascension Test Program continued.

NOTE: Corrected - St. Lucie Unit No. 1 was previously reported to be in commercial operation, in error. The unit was continued in Test Status.