



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

PDR-016

DEC 20 1984

Mr. Jim Pedro
Licensing Engineer
Licensing Information Service
NUS Corporation
2536 Countryside Boulevard
Clearwater, FL 33515-2094

IN RESPONSE REFER
TO FOIA-84-832

Dear Mr. Pedro:

This responds to your letter dated October 25, 1984, in which you requested, pursuant to the Freedom of Information Act, that the 1983 annual Plant Modification, Tests, and Experiments Report and Safety-Relief Valve Challenges Report for WNP-2, Susquehanna, St. Lucie, Turkey Point, and LaSalle Nuclear Power Plants be placed in the NRC Public Document Room.

Listed on Appendix A are the 24 reports discussed above that are currently available from the PDR. Listed on Appendix B are the 17 documents that are being placed in the PDR in a folder identified as FOIA-84-832. The availability of the requested reports for each plant follows:

Susquehanna

1. The 1983 Plant Modification Report is not yet available, but is scheduled to be issued in late December.
2. The twelve monthly reports that include the Safety-Relief Valve Challenge information are currently available from the NRC Public Document Room (PDR), 1717 H Street, NW, Washington, DC 20555.

St. Lucie

The requested 1983 reports for this plant are being placed in the PDR.

Turkey Point

The requested 1983 reports for this plant are being placed in the PDR.

LaSalle

1. The 1983 annual report transmitted to Region III by a February 27, 1984, memorandum from G. J. Diederick includes the Plant Modification Report and is being placed in the PDR.
2. The twelve monthly reports that include the Safety-Relief Valve Challenge information are currently available from the PDR.


8506110242 841220
PDR FOIA
PEDRO84-832 PDR

WNP-2

The requested reports for this plant are not yet available for the following reasons:

1. Since the license for WNP-2 was issued December 20, 1983, the Plant Modification Report is not scheduled to be submitted until December 20, 1984.
2. Since initial criticality for this plant occurred January 19, 1984, the Safety-Relief Valve Challenge report is not scheduled to be submitted until March 1, 1985.

Sincerely,

A handwritten signature in dark ink, appearing to read "J. M. Felton", is written over the typed name and title.

J. M. Felton, Director
Division of Rules and Records
Office of Administration

Enclosures: As stated

APPENDIX A

DOCUMENTS AVAILABLE IN THE PUBLIC DOCUMENT ROOM

<u>PLANT NAME</u>	<u>DATE</u>	<u>DOCUMENT DESCRIPTION</u>	<u>ACCESSION NUMBER</u>
Susquehana	02/83	Operating Report	8304150497
Susquehana	03/83	Operating Report	8306020223
Susquehana	04/83	Operating Report	8306160472
Susquehana	05/83	Operating Report	8307220176
Susquehana	06/83	Operating Report	8308110143
Susquehana	07/83	Operating Report	8309080175
Susquehana	08/83	Operating Report	8310190080
Susquehana	09/83	Operating Report	8311170269
Susquehana	10/83	Operating Report	8312150203
Susquehana	11/83	Operating Report	8401120327
Susquehana	12/83	Operating Report	8401170291
Susquehana	01/84	Operating Report	8403020036
LaSalle	2/3/83	Operating Report	8303150422
LaSalle	3/7/83	Operating Report	8304150273
LaSalle	4/7/83	Operating Report	8304140008
LaSalle	5/5/83	Operating Report	8305110447
LaSalle	6/9/83	Operating Report	8307220200
LaSalle	7/12/83	Operating Report	8308110241
LaSalle	8/8/83	Operating Report	8308160383
LaSalle	9/7/83	Operating Report	8309140077
LaSalle	10/7/83	Operating Report	8311170211
LaSalle	11/8/83	Operating Report	8311150011
LaSalle	12/9/83	Operating Report	8401120215
LaSalle	1/5/84	Operating Report	8401170402
LaSalle	2/27/84	Letter Diederich to RIII, Annual Report for Unit 1 (14 pages)	

APPENDIX B

Records filed in PDR folder FOIA-84-832

<u>Plant</u>	<u>Date</u>	<u>Document</u>
Turkey Point	05/09/84	Florida Power and Light (FPL) letter (J. W. Williams, Jr.) to NRC (J. P. O'Reilly) transmitting safety and relief valve challenges (3 pages)
	09/07/84	FPL letter (R.E. Uhrig) to NRC (J. P. O'Reilly) transmitting changes, tests, and experiments for July 1, 1982, through June 30, 1983
	08/29/84	FPL letter (J.W. Williams, Jr.) to NRC (J.P. O'Reilly) transmitting changes, tests, and experiments for July 1, 1983, through June 30, 1984
LaSalle	02/27/84	Commonwealth Edison (G.J. Diederich) letter to NRC Region III transmitting annual report that includes changes, tests, and experiments for 1983 (14 pages)
St. Lucie Unit 1	07/23/84	J. W. Williams, Jr. to Dr. H.R. Denton
	02/14/83	J. W. Williams, Jr. to Office of Management Information and Program Controls
	03/15/83	J. W. Williams, Jr. to Office of Management Information and Program Controls
	04/15/83	J. W. Williams, Jr. to Office of Management Information and Program Controls
	05/16/83	J. W. Williams, Jr. to Director, Office of Resource Management
	06/15/83	J. W. Williams, Jr. to Director, Office of Resource Management
	07/15/83	J. W. Williams, Jr. to Director, Office of Resource Management
	08/15/83	J. W. Williams, Jr. to Director, Office of Resource Management
	09/15/83	J. W. Williams, Jr. to Director, Office of Resource Management

10/17/83	J. W. Williams, Jr. to Director, Office of Resource Management
11/15/83	J. W. Williams, Jr. to Director, Office of Resource Management
12/15/83	J. W. Williams, Jr. to Director, Office of Resource Management
01/16/83	J. W. Williams, Jr. to Director, Office of Resource Management



July 23, 1984
L-84-186

Dr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Dr. Denton:

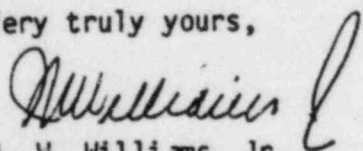
Re: ~~St. Lucie Unit 1~~
Docket No. 50-335
FSAR Update Revision 2

Florida Power & Light has completed an update of the St. Lucie Unit 1 Final Safety Analysis Report (FSAR) in accordance with 10 CFR 50.71(e). The required thirteen copies of the updated Report are attached.

In addition, we have attached a list of Plant Changes/Modifications (PCMs) which were made under the provisions of 10 CFR 50.59 during the period.

Should you or your staff have any questions on this information, please contact us.

Very truly yours,



J. W. Williams, Jr.
Group Vice President
Nuclear Energy

JWW/PLP/js

Attachment

cc: Harold F. Reis, Esquire
PNS-LI-84-250

~~8407260105~~ 840723
PDR ADOCK 05000335
K PDR

*A053
1/12*

ATTACHMENT

Re: St. Lucie Unit 1
Docket No. 50-335
FSAR Update Revision 2

Plant Changes/Modifications made in accordance with 10 CFR 50.59.

The Plant Changes/Modifications (PCMs) identified on the attached list were made in accordance with 10 CFR 50.59. These changes were determined not to involve an unreviewed safety question in that they do not increase the probability of occurrence or the consequences of an accident or malfunction of equipment important to safety previously evaluated in the safety analysis report, they do not create the possibility for an accident or malfunction of a different type than any evaluated previously in the safety analysis report, and they do not reduce the margin of safety as defined in the basis for any technical specification. We consider that this report satisfies the annual reporting requirements in 10 CFR 50.59 for the period January 23, 1983 through January 22, 1984.

Written safety evaluations were made for these changes, and they are available on-site for review.

71-76	Correct HV & AC Deficiencies-FHB
86-76	Revise Shield Bldg. H & V Damper Control Circuitry to Activate From Limit Switch.
151-76	Control Room D/G. Var Meter
233-77	Addition of Condensate-Feedwater Cleanup Filter
272-77	Install Primary Water Tank Degasifier Package
320-77	CCW Pump Seal Modification
357-78	Provide Idle-Start Capability for Diesel Generators
517-79	Fire Training Pit
534-79	Backflush Line (ICW/CCW) Strainer
559-79	Install Hangers or Restraints on Various Piping
572-79	Replacement Solenoid for Class IE Valve Operators
580-79	MS Drain & Vent Valve Changeout
609-79	Neutral Grounding Transformer Curb
616-79	Replacement of 3K and 10K Hydraulic Snubbers with Mechanical Type
618-79	Magnetic Level Gage for MSR Drain Collectors
638-79	RAB Roofing (Remove Dex-o-Tex)
013-80	Control Room Entrance Deck
016-80	Covered Sandblast Area
030-80	Terry turbine oil sample connection
075-80	C.P. Discharge dampener Phase II Installation
093-80	Aux. steam supply from extraction steam for Boric Acid concent.
098-80	Sigma Indicators
102-80	Install permanent Liquid radwaste piping
103-80	Laundry system modifications
104-80	Waste ion exchanger installation
105-80	Waste monitor tank addition
106-80	Liquid waste control panel & rad. monitor installation

107-80	Waste monitor tank and pump foundations
108-80	Demineralized water supply for RAD monitor
123-80	Radio-communications work package
128-80	ICW chlorination system
132-80	Air conditioning for RAB 42' Level
143-80	Secondary system wet layup - Phase II
146-80	SFP fuel transfer canal sump pump discharge line mod.
150-80	4" O.D. feedwater recirc. line to drain restraint additions
160-80	Storm drain catch basin repairs
167-80	Install 500,000 gallon demineralized water storage tank
005-81	PSL-1/2 H ₂ System Intertie
008-81	Boric Acid Concentrators Paint - Re-insulation
015-81	Intake canal bank erosion
018-81	SB fire header vibration
019-81	Hypochlorite generator
026-81	Installation of manifold at water Treatment plant
028-81	Electrical motor shop crane
029-81	Turbine lube oil reservoir access platform modification
043-81	Concrete laydown slabs
048-81	CEA MG set tir bkr.
049-81	D.C. Bus. isolation annun.
050-81	Hay's dissolved oxygen analyzer replacement
052-81	Charging pump control
055-81	RCB-RAB Walk way
056-81	Containment hatch roof
057-81	Intake crane mod.
061-81	Diesel Generator cooling H ₂ O makeup

063-81	Cond. pump strainer mod.
065-81	Replacement of residual hydrazine recorder
072-81	MSR system instrumentation
073-81	Unit 1/2 ILRT intertie
079-81	Hot water tank upgrade
086-81	Fence mod. for FW heater removal - temporary
087-81	CVCS 2115 Relocation
088-81	Unit 1/2 Electrical interties
093-81	Main transformer bushing mod.
094-81	Charging pump packing adapter material change
096-81	Security duct bank
097-81	TSC-HVAC by-pass
105-81	Hot locker room shield wall
107-81	Temporary supply of chlorine to Unit 2
119-81	Inst. air and service air Unit 1/2 cross-tie
121-81	Environmental data acquisition panel mod.
122-81	TC W/Condensate intertie to PSL 2 sample analyzer panel
131-81	Turbine lube oil vapor extractor mod.
132-81	Test application of alt. coating sys for reactor cavity keyway floor
134-81	Unit 2 sample panel tubing intertie
136-81	Installation of MI cable for QSPDS
140-81	MSR relief valve mod.
142-81	Maintenance hatch tie-down bolt modification
002-82	Main steam isolation valve high press. Air supply
003-82	RCB personnel entrance hoist
005-82	Sys. protection security cage
007-82	U/2 security sys. perimeter & fence mods. Zones 25 thru 32

008-82	U/2 security sys. perimeter & Fence mods. Zones 20 thru 24
009-82	Aux. Feedwater pump access monitored & controlled doors mod.
010-82	Fuel handling bldg. access monitored & controlled doors mod.
011-82	Control room access monitored & controlled doors mod.
012-82	RCB CST access monitored & controlled doors mod.
014-82	Component cooling water diesel oil storage tank access monitor & controlled doors mod.
018-82	Fuel cask crane beam repair
019-82	Sample isolation valve changeout
020-82	Temperature compensation or pressurizer level indicator
021-82	H ₂ Gas dryer betterment
023-82	Intake chlorination header
024-82	Circ. water sys. discharge headwall
025-82	TSC radio console & control room telephones
026-82	Unit 1/2 sanitary cross-tie
027-82	Safety assessment sys. (SAS) Computer installation
028-82	Installation of SAS power supply
029-82	Unit 1 inputs to SAS
032-82	Power supply installation for ICC
033-82	Processed Blowdown PSL 1/2 intertie & check valves
034-82	Class 1 duct bank Unit 1/2 safety related cable interties
036-82	Dew point analyzer for turbine generator H ₂ sys.
037-82	Feedwater Reg. valve control mod.
041-82	City water tank stand pipes (Unit 2 design)
042-82	Repair to RAB catwalk/staircase embed plate
043-82	D/G 1A speed switch replacement
044-82	Hypochloride control sys.
047-82	Turbine lube oil transfer line (intertie)

048-82	Unit 1/2 main steam intertie piping supports
053-82	Containment JIB crane mods.
058-82	Fuel pool Ion exchanger flush line block valve replacement
059-82	Installation of QSPDS and SPDS on RTGB
060-82	SAS cable tray layout
062-82	CCW strainer mod.
065-82	ICW LW restraint mods.
066-82	Heater drain & vent restraint mods.
068-82	Blowdown pipe restraint rework
072-82	Low range pressurizer press. instrument power supply mods.
074-82	Generator core monitor & RTD monitor mod.
078-82	Temporary installation of Class 1E batteries 1A & 1B
079-82	TCW heat exchanger mods.
080-82	CEDM dual 15V power supply test switches
081-82	Unit 2 sodium analyzer addition
082-82	Turbine cross-under piping repair
083-82	Pressurizer spray valve pit drain
084-82	Relocation of air ejector RAD monitor
087-82	Misc. restraint rework
091-82	ECCS vent flow transmitters
092-82	Diesel Generator modification
093-82	City water storage tank domestic water pump interlock
094-82	Containment purge debris screen
095-82	C Aux. Ftr pump trip & throttle valve limit switches
097-82	TCW heat exchanger cathodic protection mod.
099-82	Feedwater flow venturi flange installation
104-82	Post accident sampling system mod.

108-82	Incore instrument flange mod.
110-82	MSR deck plate loop seal auto fill
111-82	PORV/SRV position recorder
112-82	Generator Mod. Switch
113-82	Refueling cavity drain valve security fence
117-82	MSR block valve mod.
121-82	Turbine bldg. operating floor reinforcement & cribbing details
001-183	Repair ICW Butterfly valve
002-183	Relocate generator seal oil vapor extractor discharge line
004-183	Area radiation monitoring Ch. 8 Mod.
005-183	Pressurizer spray valve positioner mods.
006-183	Turbine crane lighting
067-183	Replacement of Aux. Feedwater pumps suction pressure switches
079-183	ILRT instrumentation
081-183	Volume control tank level
082-183	Waste gas analyzer
084-183	Containment level system mod.
085-183	ISO phase bus fan mod.
238-183	Moisture removal equipment reliability improvement for waste gas analyzer
240-183	Raychem cable replacement
241-183	Condensate line vibration restraint mod.
242-183	RCP 1A1 platform modification
245-183	Electrical penetration E1 module removal
247-183	Off axis loaded friction clamps
248-183	SIT fill & drain valve mod.
250-183	CE instruments nozzle mod.
251-183	Installation of instrument air flow meter

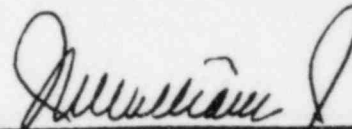
252-183	BAM tank level instrumentation
256-183	Excore neutron detector replacement
271-183	RCB maint. hatch platform storage struts
275-183	Waste gas analyzer sample pumps & drain tank mod.
278-183	Circ. water pump discharge pressure sensing lines mod.
283-183	Misc. restraint rework
285-183	Turbine building lighting
288-183	M-G set coupling change-out
290-183	RTGB 105 and 106 human factors modification
328-183	Vital security areas
334-183	Remove electrical penetration B-4 Module #2
335-183	Electrical penetration B-4 change
342-183	Power system stabilizer
357-183	LP turbines betterment disc key plate design

STATE OF FLORIDA }
COUNTY OF DADE } ss.

J. W. Williams, Jr., being first duly sworn, deposes and says:

That he is Group Vice President of Florida Power & Light Company, the licensee herein;

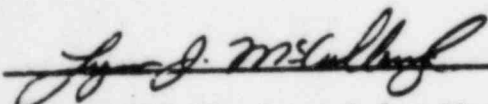
That he has executed the foregoing document; that the statements made in this document are true and correct to the best of his knowledge, information, and belief, and that he is authorized to execute the document on behalf of said Licensee.



J. W. Williams, Jr.

Subscribed and sworn to before me this

21 day of JULY, 1984.



NOTARY PUBLIC, in and for the County of
Dade, State of Florida.

NOTARY PUBLIC STATE OF FLORIDA
MY COMMISSION EXP. FEB 14, 1988
BONDED THRU GENERAL INS. UND.

My commission expires: 2/14/88

Check File



February 14, 1983
PNS-LI-83-100-1

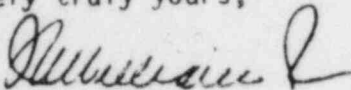
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Office of Management Information
and Program Controls
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Gentlemen:

Attached are the January 1983 Operating Status Reports and Operating Summary Reports for Turkey Point Units Nos. 3 and 4, and St. Lucie Unit No. 1. Also attached are corrected copies of the St. Lucie Unit 1 Operating Data Reports for May through December 1982. These copies correct year-to-date Items 14, 19, and 20 (Hours Generator in Line, Unit Service Factor, and Unit Availability Factor).

Very truly yours,



J. W. Williams, Jr.
Vice President
Nuclear Energy

JWW/PLP/js

cc: Mr. James P. O'Reilly
Mr. Robert Lowenstein, Esquire

830 3150539

83-23
OFFICIAL COPY

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250
 UNIT Turkey Point 3
 DATE FEB 14 1983
 COMPLETED BY P. Pace
 TELEPHONE (305) 552-3654

MONTH January, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>695</u>
2	<u>696</u>
3	<u>696</u>
4	<u>697</u>
5	<u>699</u>
6	<u>699</u>
7	<u>702</u>
8	<u>701</u>
9	<u>699</u>
10	<u>697</u>
11	<u>695</u>
12	<u>697</u>
13	<u>702</u>
14	<u>704</u>
15	<u>703</u>
16	<u>704</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>703</u>
18	<u>579</u>
19	<u>---</u>
20	<u>---</u>
21	<u>417</u>
22	<u>700</u>
23	<u>703</u>
24	<u>704</u>
25	<u>706</u>
26	<u>705</u>
27	<u>706</u>
28	<u>704</u>
29	<u>704</u>
30	<u>699</u>
31	<u>695</u>

INSTRUCTIONS

On this format list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

(9/771)

830 3150546

OPERATING DATA REPORT

DOCKET NO. 50-250
 DATE FEB 14 1983
 COMPLETED BY P. Pace
 TELEPHONE (305) 552-3654

OPERATING STATUS

1. Unit Name: Turkey Point 3
2. Reporting Period: January, 1983
3. Licensed Thermal Power (MWt): 2200
4. Nameplate Rating (Gross MWe): 760
5. Design Electrical Rating (Net MWe): 643
6. Maximum Dependable Capacity (Gross MWe): 680
7. Maximum Dependable Capacity (Net MWe): 646
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes Unit 3 operated at essentially full power except for the outage listed in the "Unit Shutdowns and Power Reductions" report.

9. Power Level To Which Restricted, If Any (Net MWe): ----
10. Reasons For Restrictions, If Any: ----

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	744	89,049.6
12. Number Of Hours Reactor Was Critical	713.2	713.2	62,232.5
13. Reactor Reserve Shutdown Hours	0	0	844.4
14. Hours Generator On-Line	684.1	684.1	60,189.2
15. Unit Reserve Shutdown Hours	0	0	121.8
16. Gross Thermal Energy Generated (MWH)	1,506,295	1,506,295	122,924,207
17. Gross Electrical Energy Generated (MWH)	500,580	500,580	39,162,570
18. Net Electrical Energy Generated (MWH)	476,796	476,796	37,064,348
19. Unit Service Factor	91.9	91.9	67.6
20. Unit Availability Factor	91.9	91.9	67.7
21. Unit Capacity Factor (Using MDC Net)	99.2	99.2	64.4
22. Unit Capacity Factor (Using DER Net)	92.5	92.5	60.1
23. Unit Forced Outage Rate	8.1	8.1	5.7
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	-----		

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____

26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast

Achieved

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January 1983

DOCKET NO. 50-250
 UNIT NAME Turkey Point 3
 DATE FEB 14 1983
 COMPLETED BY P. Pace
 TELEPHONE (305) 552-3654

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
1	830118	F	59.9	A	2		HJ	VALVEX	The unit was removed from service to correct a vibration problem in steam lines to two moisture separator reheaters. Two steam supply valves were repaired and two valves were blanked off and the unit was re-turned to service.

¹ F: Forced
S: Scheduled

² Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & License Examination
F-Administrative
G-Operational Error (Explain)
H-Other (Explain)

³ Method:
1-Manual
2-Manual Scram.
3-Automatic Scram.
4-Other (Explain)

4- CONTINUED
5- LOAD REDUCTION

⁴ Exhibit G - Instructions
for Preparation of Data
Entry Sheets for Licensee
Event Report (LER) File (NUREG-
0161)

⁵ Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-250</u>
UNIT	<u>Turkey Point 3</u>
DATE	<u>FEB 14 1983</u>
COMPLETED BY	<u>P. L. Pace</u>
TELEPHONE	<u>(305) 552-3654</u>

REPORT MONTH JANUARY 1983

Unit 3 operated at essentially full power except for an outage from 18-21 January. See the "Unit Shutdowns and Power Reduction" Report for details.

Major safety related maintenance activities included:

- The annual battery discharge test was conducted.
- A boric acid heat tracing circuit was adjusted.
- A boric acid supply valve solenoid was replaced.
- A charging system pipe weld was repaired.

Inspections and requirements of IE Bulletins and NUREG-0737 are continuing.

Florida Power & Light Company commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-251

UNIT Turkey Point 4

DATE FEB 14 1983

COMPLETED BY P. Pace

TELEPHONE (305) 552-3654

MONTH January, 1983

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	---

INSTRUCTIONS

On this format list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-251
 DATE FEB 14 1983
 COMPLETED BY P. Pace
 TELEPHONE (305) 552-3654

OPERATING STATUS

1. Unit Name: Turkey Point 4
2. Reporting Period: January, 1983
3. Licensed Thermal Power (MWt): 2200
4. Nameplate Rating (Gross MWe): 760
5. Design Electrical Rating (Net MWe): 693
6. Maximum Dependable Capacity (Gross MWe): 680
7. Maximum Dependable Capacity (Net MWe): 646
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes Steam Generator Repair Program in progress.

9. Power Level To Which Restricted, If Any (Net MWe): ----
10. Reasons For Restrictions, If Any: ----

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	744	82,777
12. Number Of Hours Reactor Was Critical	0	0	59,855.3
13. Reactor Reserve Shutdown Hours	0	0	166.6
14. Hours Generator On-Line	0	0	57,896
15. Unit Reserve Shutdown Hours	0	0	31.2
16. Gross Thermal Energy Generated (MWH)	0	0	121,918,244
17. Gross Electrical Energy Generated (MWH)	0	0	38,775,572
18. Net Electrical Energy Generated (MWH)	-1076	-1076	36,732,595
19. Unit Service Factor	0	0	69.9
20. Unit Availability Factor	0	0	70.0
21. Unit Capacity Factor (Using MDC Net)	0	0	68.7
22. Unit Capacity Factor (Using DER Net)	0	0	64.0
23. Unit Forced Outage Rate	0	0	3.9
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: April, 1983

26. Units In Test Status (Prior to Commercial Operation):

Forecast Achieved

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January, 1983

DOCKET NO. 50-251
 UNIT NAME Turkey Point 4
 DATE FEB 14 1983
 COMPLETED BY P. Pace
 TELEPHONE (305) 552-3654

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event # ⁴ Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
18	821009	S	744	H	4		HB	HTEXCH	Steam Generator Repair Program in accordance with Paragraph III.H. of the Unit 4 Facility Operating License DPR 41.

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)
 4- CONTINUED
 5- LOAD REDUCTION

⁴
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

⁵
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-251</u>
UNIT	<u>Turkey Point 4</u>
DATE	<u>FEB 14 1983</u>
COMPLETED BY	<u>P. L. Pace</u>
TELEPHONE	<u>(305) 552-3654</u>

REPORT MONTH January 1983

Unit 4 continued the Steam Generator Repair Program

Other major safety related maintenance activities included:

The Annual Station Battery Discharge Test was conducted.
Two Boric Acid heat tracing circuits were adjusted.
Auxiliary feedwater instrumentation was repaired.

Inspections and requirements of IE Bulletins and NUREG-0737 are continuing.

Florida Power & Light Company commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335

UNIT St. Lucie 1

DATE FEB 14 1983

COMPLETED BY P. Pace

TELEPHONE (305) 552-3654

MONTH January, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>832</u>
2	<u>831</u>
3	<u>833</u>
4	<u>740</u>
5	<u>658</u>
6	<u>757</u>
7	<u>773</u>
8	<u>229</u>
9	<u>387</u>
10	<u>837</u>
11	<u>838</u>
12	<u>839</u>
13	<u>843</u>
14	<u>843</u>
15	<u>843</u>
16	<u>845</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>844</u>
18	<u>829</u>
19	<u>789</u>
20	<u>797</u>
21	<u>769</u>
22	<u>765</u>
23	<u>806</u>
24	<u>843</u>
25	<u>844</u>
26	<u>844</u>
27	<u>786</u>
28	<u>840</u>
29	<u>842</u>
30	<u>846</u>
31	<u>843</u>

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-335
 DATE FEB 14 1983
 COMPLETED BY P. Pace
 TELEPHONE (305) 552-3654

OPERATING STATUS

1. Unit Name: St. Lucie Unit 1
2. Reporting Period: January, 1983
3. Licensed Thermal Power (MWt): 2700
4. Nameplate Rating (Gross MWe): 890
5. Design Electrical Rating (Net MWe): 830
6. Maximum Dependable Capacity (Gross MWe): 862
7. Maximum Dependable Capacity (Net MWe): 817
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes Unit 1 operated at essentially full power except for a brief outage as described in the "Unit Shutdown and Power Reductions" report.

9. Power Level To Which Restricted, If Any (Net MWe): -----
10. Reasons For Restrictions, If Any: -----

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	744	53,592
12. Number Of Hours Reactor Was Critical	744	744	43,843.2
13. Reactor Reserve Shutdown Hours	0	0	205.3
14. Hours Generator On-Line	728.7	728.7	42,954
15. Unit Reserve Shutdown Hours	0	0	39.3
16. Gross Thermal Energy Generated (MWH)	1,872,765*	1,872,765	107,008,281
17. Gross Electrical Energy Generated (MWH)	613,390	613,390	34,826,985
18. Net Electrical Energy Generated (MWH)	581,098	581,098	32,845,289
19. Unit Service Factor	97.9	97.9	80.2
20. Unit Availability Factor	97.9	97.9	80.2
21. Unit Capacity Factor (Using MDC Net)	95.6	95.6	78.3
22. Unit Capacity Factor (Using DER Net)	94.1	94.1	76.0
23. Unit Forced Outage Rate	2.1	2.1	4.6

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

Refueling, February 26, 1983, 2 months

25. If Shut Down At End Of Report Period, Estimated Date of Startup: -----
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

* 7247×10^6 BTU used by St. Lucie Unit 2.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January 1983

DOCKET NO. 50-335
 UNIT NAME St. Lucie I
 DATE FEB 14 1983
 COMPLETED BY P. Pace
 TELEPHONE (305) 552-3654

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
1	830104	F	0	A	5		HF	MOTORX	Power was reduced to repair a circulating water pump motor.
2	830108	F	15.3	A	1		HJ	TURBIN	The unit was removed from service to repair a steam leak from an orifice in a drain line under the high pressure turbine.

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)

4- CONTINUED
 5- LOAD REDUCTION

⁴
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

⁵
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-335
UNIT St. Lucie Unit 1
DATE FEB 14 1983
COMPLETED BY P. Pace
TELEPHONE (305) 552-3654

REPORT MONTH JANUARY 1983

St. Lucie Unit 1 reduced power on January 4, to replace a circulating water pump motor and to clean condenser water boxes. The unit was removed from service for 15.3 hours on January 8-9 to repair a steam leak from an orifice in a drain line under the high pressure turbine.

Other major safety related maintenance included:
Two boric acid heat tracing circuits were repaired.

Inspections and requirements of IE Bulletins and NUREG-0737 are continuing.

Florida Power & Light Company commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

In accordance with the requirements of NUREG-0737 Item II.k.3.3, there were no challenges to PORV or safety valves during the report month.

OPERATING DATA REPORT

Corrected Copy

DOCKET NO. 50-335
DATE FEB 14 1983
COMPLETED BY P. Pace
TELEPHONE (305) 552-3654

OPERATING STATUS

1. Unit Name: St. Lucie Unit 1
2. Reporting Period: May 1982
3. Licensed Thermal Power (MWt): 2700
4. Nameplate Rating (Gross MWe): 890
5. Design Electrical Rating (Net MWe): 830
6. Maximum Dependable Capacity (Gross MWe): 862
7. Maximum Dependable Capacity (Net MWe): 817
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

Unit 1 operated essentially at full power except for a steam generator inspection outage. See Unit shutdown report.

9. Power Level To Which Restricted, If Any (Net MWe): None
10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	3623	47711
12. Number Of Hours Reactor Was Critical	301.4	3180.4	38009.8
13. Reactor Reserve Shutdown Hours	0	0	205.3
14. Hours Generator On-Line	297.2	3176.2	37171.1
15. Unit Reserve Shutdown Hours	0	0	39.3
16. Gross Thermal Energy Generated (MWH)	768 617	8 413 176	91 737 095
17. Gross Electrical Energy Generated (MWH)	252 920	2 759 300	29 817 415
18. Net Electrical Energy Generated (MWH)	236 090	2 614 307	28 093 854
19. Unit Service Factor		87.7	77.9
20. Unit Availability Factor		87.7	78.0
21. Unit Capacity Factor (Using MDC Net)	38.8	91.0	75.7
22. Unit Capacity Factor (Using DER Net)	38.2	88.7	73.3
23. Unit Forced Outage Rate	0	0	5.1
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup:
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

Forecast

Achieved

8303150558

OPERATING DATA REPORT
Corrected Copy

DOCKET NO. 50-335
DATE FEB 14 1983
COMPLETED BY P. Pace
TELEPHONE (305) 552-3654

OPERATING STATUS

1. Unit Name: St. Lucie Unit 1
2. Reporting Period: June 1982
3. Licensed Thermal Power (MWt): 2700
4. Nameplate Rating (Gross MWe): 890
5. Design Electrical Rating (Net MWe): 830
6. Maximum Dependable Capacity (Gross MWe): 862
7. Maximum Dependable Capacity (Net MWe): 817
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
N/A

Notes

Unit 1 operated at essentially full power except for the outage listed in the unit shutdowns report.

9. Power Level To Which Restricted, If Any (Net MWe): NONE
10. Reasons For Restrictions, If Any: N/A

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720	4343	48431
12. Number Of Hours Reactor Was Critical	720	3900.4	38729.8
13. Reactor Reserve Shutdown Hours	-0-	-0-	205.3
14. Hours Generator On Line	714.8	3891	37885.9
15. Unit Reserve Shutdown Hours	-0-	-0-	39.3
16. Gross Thermal Energy Generated (MWH)	1897597	10310773	93634692
17. Gross Electrical Energy Generated (MWH)	625250	3384550	30442665
18. Net Electrical Energy Generated (MWH)	593528	3207835	28687382
19. Unit Service Factor	99.3	89.6	78.2
20. Unit Availability Factor	99.3	89.6	78.3
21. Unit Capacity Factor (Using MDC Net)	100.9	92.7	76.1
22. Unit Capacity Factor (Using DER Net)	99.3	90.5	73.7
23. Unit Forced Outage Rate	.7	.1	5.0
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each)			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____

26. Units In Test Status (Prior to Commercial Operation):

Forecast

Achieved

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

OPERATING DATA REPORT

Corrected Copy

DOCKET NO. 50-335
DATE FEB 14 1983
COMPLETED BY P.L. Pace
TELEPHONE (305) 552-3654

OPERATING STATUS

1. Unit Name: St. Lucie Unit 1
2. Reporting Period: July 1982
3. Licensed Thermal Power (MWt): 2700
4. Nameplate Rating (Gross MWe): 890
5. Design Electrical Rating (Net MWe): 830
6. Maximum Dependable Capacity (Gross MWe): 862
7. Maximum Dependable Capacity (Net MWe): 817
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: NA

Notes

Unit 1 operated at essentially full power

9. Power Level To Which Restricted, If Any (Net MWe): NONE
10. Reasons For Restrictions, If Any: NA

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	5087	49175
12. Number Of Hours Reactor Was Critical	744	4644.4	39473.8
13. Reactor Reserve Shutdown Hours	-0-	-0-	205.3
14. Hours Generator On-Line	744	4635	38629.9
15. Unit Reserve Shutdown Hours	-0-	-0-	39.3
16. Gross Thermal Energy Generated (MWH)	1990892	12301665	95625584
17. Gross Electrical Energy Generated (MWH)	654760	4039310	31097425
18. Net Electrical Energy Generated (MWH)	621878	3829713	29309260
19. Unit Service Factor	100	91.1	78.6
20. Unit Availability Factor	100	91.1	78.6
21. Unit Capacity Factor (Using MDC Net)	102.3	94.1	76.5
22. Unit Capacity Factor (Using DER Net)	100.7	92.0	74.2
23. Unit Forced Outage Rate	-0-	.1	4.9

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

25. If Shut Down At End Of Report Period, Estimated Date of Startup:

26. Units In Test Status (Prior to Commercial Operation):

Forecast

Achieved

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

OPERATING DATA REPORT
Corrected Copy

DOCKET NO. 50-335
DATE FEB 14 1983
COMPLETED BY P. L. Pace
TELEPHONE (305) 552-3654

OPERATING STATUS

1. Unit Name: St. Lucie 1
2. Reporting Period: August, 1982
3. Licensed Thermal Power (MWt): 2700
4. Nameplate Rating (Gross MWe): 890
5. Design Electrical Rating (Net MWe): 830
6. Maximum Dependable Capacity (Gross MWe): 862
7. Maximum Dependable Capacity (Net MWe): 817
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes Unit 1 operated at essentially full power except for a brief outage on 8/16/82. See "Unit Shutdowns and Power Reductions" Report for details.

9. Power Level To Which Restricted, If Any (Net MWe): _____
10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	5831	49,919
12. Number Of Hours Reactor Was Critical	738.9	5383.3	40,212.7
13. Reactor Reserve Shutdown Hours	0	0	205.3
14. Hours Generator On-Line	737.8	5372.8	39,367.7
15. Unit Reserve Shutdown Hours	0	0	39.3
16. Gross Thermal Energy Generated (MWH)	1,965,785*	14,267,450	97,591,369
17. Gross Electrical Energy Generated (MWH)	644,230	4,683,540	31,741,655
18. Net Electrical Energy Generated (MWH)	611,329	4,441,042	29,920,589
19. Unit Service Factor	99.2	92.1	78.9
20. Unit Availability Factor	99.2	92.1	78.9
21. Unit Capacity Factor (Using MDC Net)	100.6	95.0	76.9
22. Unit Capacity Factor (Using DER Net)	99.6	92.9	74.5
23. Unit Forced Outage Rate	.8	.2	4.9
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____
 26. Units In Test Status (Prior to Commercial Operation):
- | | Forecast | Achieved |
|----------------------|----------|----------|
| INITIAL CRITICALITY | _____ | _____ |
| INITIAL ELECTRICITY | _____ | _____ |
| COMMERCIAL OPERATION | _____ | _____ |

*368 MWH (thermal) used for St. Lucie Unit 2 testing.

OPERATING DATA REPORT

Corrected Copy

DOCKET NO. 50-335
DATE FEB 14 1983
COMPLETED BY P. Pace
TELEPHONE (305) 552-3654

OPERATING STATUS

1. Unit Name: St. Lucie 1
2. Reporting Period: September 1982
3. Licensed Thermal Power (MWt): 2700
4. Nameplate Rating (Gross MWe): 890
5. Design Electrical Rating (Net MWe): 830
6. Maximum Dependable Capacity (Gross MWe): 862
7. Maximum Dependable Capacity (Net MWe): 817
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

Unit 1 operated at essentially full power except for two brief outages (See "Unit Shutdowns and Power Reductions" report).

9. Power Level To Which Restricted, If Any (Net MWe):
10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720	6,551	50,639
12. Number Of Hours Reactor Was Critical	711.3	6,094.6	40,924
13. Reactor Reserve Shutdown Hours	0	0	205.3
14. Hours Generator On-Line	707.0	6,079.8	40,074.7
15. Unit Reserve Shutdown Hours	0	0	39.3
16. Gross Thermal Energy Generated (MWH)	1,872,813	16,140,263	99,464,182
17. Gross Electrical Energy Generated (MWH)	611,240	5,294,780	32,352,895
18. Net Electrical Energy Generated (MWH)	579,625	5,020,667	30,500,214
19. Unit Service Factor	98.2	92.8	79.1
20. Unit Availability Factor	98.2	92.8	79.2
21. Unit Capacity Factor (Using MDC Net)	98.5	95.4	77.2
22. Unit Capacity Factor (Using DER Net)	97.0	93.4	74.9
23. Unit Forced Outage Rate	1.8	.4	4.8
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup:
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

OPERATING DATA REPORT

Corrected Copy

DOCKET NO. 50-335
 DATE FEB 14 1983
 COMPLETED BY P. Pace
 TELEPHONE (305) 552-3654

OPERATING STATUS

1. Unit Name: St. Lucie Unit 1
2. Reporting Period: October 1982
3. Licensed Thermal Power (MWt): 2700
4. Nameplate Rating (Gross MWe): 890
5. Design Electrical Rating (Net MWe): 830
6. Maximum Dependable Capacity (Gross MWe): 862
7. Maximum Dependable Capacity (Net MWe): 817
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes Unit 1 operated at essentially full power except for a brief outage. See the "Unit Shutdowns and Power Reductions" report for details.

9. Power Level To Which Restricted, If Any (Net MWe): _____
10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	745	7,296	51,384
12. Number Of Hours Reactor Was Critical	735.4	6,830	41,659.4
13. Reactor Reserve Shutdown Hours	0	0	205.3
14. Hours Generator On-Line	718.2	6,798	40,792.9
15. Unit Reserve Shutdown Hours	0	0	39.3
16. Gross Thermal Energy Generated (MWH)	1,897,947	18,038,210	101,362,129
17. Gross Electrical Energy Generated (MWH)	621,300	5,916,080	32,974,195
18. Net Electrical Energy Generated (MWH)	588,718	5,609,385	31,088,932
19. Unit Service Factor	96.4	93.2	79.4
20. Unit Availability Factor	96.4	93.2	79.5
21. Unit Capacity Factor (Using MDC Net)	96.7	95.5	77.4
22. Unit Capacity Factor (Using DER Net)	95.2	93.6	75.2
23. Unit Forced Outage Rate	3.6	.7	4.8
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____

26. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

OPERATING DATA REPORT

Corrected Copy

DOCKET NO. 50-335
DATE FEB 14 1983
COMPLETED BY P. Pace
TELEPHONE

OPERATING STATUS

1. Unit Name: St. Lucie 1
2. Reporting Period: November 1982
3. Licensed Thermal Power (MWt): 2700
4. Nameplate Rating (Gross MWe): 890
5. Design Electrical Rating (Net MWe): 830
6. Maximum Dependable Capacity (Gross MWe): 862
7. Maximum Dependable Capacity (Net MWe): 817
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

Unit 1 operated at essentially full power except for brief outages. See "Unit Shutdowns and Power Reductions" Report.

9. Power Level To Which Restricted, If Any (Net MWe):
10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720	8,010	52,104
12. Number Of Hours Reactor Was Critical	698.2	7,528.2	42,357.6
13. Reactor Reserve Shutdown Hours	0	0	205.3
14. Hours Generator On Line	691.8	7,489.8	41,484.7
15. Unit Reserve Shutdown Hours	0	0	39.3
16. Gross Thermal Energy Generated (MWH)	1,816,532*	19,854,742	103,178,661
17. Gross Electrical Energy Generated (MWH)	596,550	6,512,630	33,570,745
18. Net Electrical Energy Generated (MWH)	565,107	6,174,492	31,654,039
19. Unit Service Factor	96.1	93.4	79.6
20. Unit Availability Factor	96.1	93.4	79.7
21. Unit Capacity Factor (Using MDC Net)	96.1	95.6	77.7
22. Unit Capacity Factor (Using DER Net)	94.6	93.6	75.4
23. Unit Forced Outage Rate	3.9	1.1	4.8
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			
Refueling, March 1982, 2 months			

25. If Shut Down At End Of Report Period, Estimated Date of Startup:

26. Units In Test Status (Prior to Commercial Operation):

Forecast

Achieved

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION

3630x10⁶ BTU diverted to St. Lucie Unit 2 for testing.

OPERATING DATA REPORT

Corrected Copy

DOCKET NO. 50-335
DATE FEB 14 1983
COMPLETED BY P. Pace
TELEPHONE (305) 552-3654

OPERATING STATUS

1. Unit Name: St. Lucie 1
2. Reporting Period: December 1982
3. Licensed Thermal Power (MWt): 2700
4. Nameplate Rating (Gross MWe): 890
5. Design Electrical Rating (Net MWe): 830
6. Maximum Dependable Capacity (Gross MWe): 862
7. Maximum Dependable Capacity (Net MWe): 817
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes Unit 1 operated at essentially full power except for a brief outage as described in the "Unit Shutdowns and Power Reductions" Report

9. Power Level To Which Restricted, If Any (Net MWe):
10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	8 760	52 848
12. Number Of Hours Reactor Was Critical	741.6	8 269.8	43 099.2
13. Reactor Reserve Shutdown Hours	0	0	205.3
14. Hours Generator On-Line	740.6	8,230.4	42 225.3
15. Unit Reserve Shutdown Hours	0	0	39.3
16. Gross Thermal Energy Generated (MWH)	956 855	21 811 597	105 135 516
17. Gross Electrical Energy Generated (MWH)	642 850	7 155 480	34 213 595
18. Net Electrical Energy Generated (MWH)	610 152	6 784 644	32 264 191
19. Unit Service Factor	99.5	94.0	79.9
20. Unit Availability Factor	99.5	94.0	80.0
21. Unit Capacity Factor (Using MDC Net)	100.4	95.9	78.0
22. Unit Capacity Factor (Using DER Net)	98.8	94.1	75.8
23. Unit Forced Outage Rate	0.5	1.0	4.7
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	Refueling, March 1983, 2 months.		

25. If Shut Down At End Of Report Period, Estimated Date of Startup:
 26. Units In Test Status (Prior to Commercial Operation):
- | | Forecast | Achieved |
|----------------------|----------|----------|
| INITIAL CRITICALITY | _____ | _____ |
| INITIAL ELECTRICITY | _____ | _____ |
| COMMERCIAL OPERATION | _____ | _____ |

Docket File



March 15, 1983
PNS-LI-182

50-250/H

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

Gentlemen:

Attached are the February, 1983, Operating Status Reports and Operating Summary Reports for Turkey Point Units Nos. 3 and 4, and St. Lucie Unit No. 1.

Very truly yours,

J. W. Williams, Jr.
Vice President
Nuclear Energy

JWW/PLP/mpc

83 MAR 18 49:47
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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250
 UNIT Turkey Point 3
 DATE March 15, 1983
 COMPLETED BY P. Pace
 TELEPHONE (305) 552-3654

MONTH February, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	695
2	693
3	695
4	696
5	693
6	697
7	692
8	683
9	60
10	---
11	474
12	586
13	657
14	657
15	660
16	668

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	696
18	697
19	695
20	690
21	695
22	696
23	695
24	694
25	694
26	692
27	697
28	696
29	
30	
31	

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

(9/77)

8304160484

OPERATING DATA REPORT

DOCKET NO. 50-250
DATE March 15, 1983
COMPLETED BY P. Pace
TELEPHONE (305) 552-3654

OPERATING STATUS

1. Unit Name Turkey Point 3
2. Reporting Period: February, 1983
3. Licensed Thermal Power (MWt): 2200
4. Nameplate Rating (Gross MWe): 760
5. Design Electrical Rating (Net MWe): 693
6. Maximum Dependable Capacity (Gross MWe): 680
7. Maximum Dependable Capacity (Net MWe): 646
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes Unit 3 operated at essentially full power except for the outage listed in the "Unit Shutdowns and Power Reductions" report.

9. Power Level To Which Restricted, If Any (Net MWe):

10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	672	1,416	89,721.6
12. Number Of Hours Reactor Was Critical	672	1,385.2	62,904.5
13. Reactor Reserve Shutdown Hours	0	0	844.4
14. Hours Generator On-Line	627.6	1,311.7	60,816.8
15. Unit Reserve Shutdown Hours	0	0	121.8
16. Gross Thermal Energy Generated (MWH)	1,365,136	2,871,431	124,289,343
17. Gross Electrical Energy Generated (MWH)	444,215	944,665	39,606,785
18. Net Electrical Energy Generated (MWH)	423,085	899,881	37,487,433
19. Unit Service Factor	93.4	92.6	67.8
20. Unit Availability Factor	93.4	92.6	67.9
21. Unit Capacity Factor (Using MDC Net)	97.5	98.4	64.7
22. Unit Capacity Factor (Using DER Net)	90.9	91.7	60.3
23. Unit Forced Outage Rate	6.6	7.4	5.6
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup:

26. Units In Test Status (Prior to Commercial Operation):

Forecast

Achieved

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February, 1983DOCKET NO. 50-250UNIT NAME Turkey Point 3DATE March 15, 1983COMPLETED BY P. PaceTELEPHONE (305) 552-3654

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
2	830209	F	0	A	5		HC	HTEXCH	Power was reduced in accordance with chemistry guidelines due to increasing conductivity.
3	830209	F	44.4	A	1		HC	HTEXCH	The unit was removed from service to repair a condenser tube leak.
4	830211	F	0	H	5		EB	XXXXXX	Power was maintained at a reduced level to evaluate the effect of additional secondary loads on degraded grid voltage analyses.

¹
F: Forced
S: Scheduled

²
Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & License Examination
F-Administrative
G-Operational Error (Explain)
H-Other (Explain)

³
Method:
1-Manual
2-Manual Scram.
3-Automatic Scram.
4-Other (Explain)
4- CONTINUED
5- LOAD REDUCTION

⁴
Exhibit G - Instructions
for Preparation of Data
Entry Sheets for Licensee
Event Report (LER) File (NUREG-
0161)

⁵
Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-250</u>
UNIT	<u>Turkey Point 3</u>
DATE	<u>March 15, 1983</u>
COMPLETED BY	<u>P. L. Pace</u>
TELEPHONE	<u>(305) 552-3654</u>

REPORT MONTH February, 1983

Unit 3 operated at essentially full power except during the period of February 9 - 11. One leaking condenser plug was plugged and other tubes were plugged as preventive maintenance.

Major safety related maintenance activities included:

A reactor excore instrument recorder was calibrated.

A charging pump was repaired.

Inspections and requirements of IE Bulletins and NUREG-0737 are continuing.

Florida Power & Light Company commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-251
 UNIT Turkey Point 4
 DATE March 15, 1983
 COMPLETED BY P. Pace
 TELEPHONE (305) 552-3654

MONTH February, 1983

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	---		

INSTRUCTIONS

On this format list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-251
DATE March 15, 1983
COMPLETED BY P. Pace
TELEPHONE (305) 552-3654

OPERATING STATUS

1. Unit Name: Turkey Point 4
2. Reporting Period: February, 1983
3. Licensed Thermal Power (MWt): 2200
4. Nameplate Rating (Gross MWe): 760
5. Design Electrical Rating (Net MWe): 693
6. Maximum Dependable Capacity (Gross MWe): 680
7. Maximum Dependable Capacity (Net MWe): 646
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes
Steam Generator
Repair Program in progress.

9. Power Level To Which Restricted, If Any (Net MWe):
10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	672	1416	83,449
12. Number Of Hours Reactor Was Critical	0	0	59,855.3
13. Reactor Reserve Shutdown Hours	0	0	166.6
14. Hours Generator On-Line	0	0	57,896
15. Unit Reserve Shutdown Hours	0	0	31.2
16. Gross Thermal Energy Generated (MWH)	0	0	121,918,244
17. Gross Electrical Energy Generated (MWH)	0	0	38,775,572
18. Net Electrical Energy Generated (MWH)	-897	-1973	36,730,622
19. Unit Service Factor	0	0	69.4
20. Unit Availability Factor	0	0	69.4
21. Unit Capacity Factor (Using MDC Net)	0	0	68.1
22. Unit Capacity Factor (Using DER Net)	0	0	63.5
23. Unit Forced Outage Rate	0	0	3.9
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: April, 1983
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY	Forecast	Achieved
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February, 1983

DOCKET NO. 50-251
 UNIT NAME Turkey Point 4
 DATE March 15, 1983
 COMPLETED BY P. Pace
 TELEPHONE (305) 552-3654

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
18	821009	S	672	H	4		HB	HTEXCH	Steam Generator Repair Program in accordance with Paragraph III.H. of the Unit 4 Facility Operating License DPR 41.

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)
 4- CONTINUED
 5- LOAD REDUCTION

⁴
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

⁵
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-251</u>
UNIT	<u>Turkey Point 4</u>
DATE	<u>March 15, 1983</u>
COMPLETED BY	<u>P. L. Pace</u>
TELEPHONE	<u>(305) 552-3654</u>

REPORT MONTH February, 1983

Unit 4 continued the Steam Generator Repair Program.

Other major safety related maintenance activities included:

Two Boric Acid heat tracing circuits were adjusted or repaired.

A 120-140 V DC Static Inverter was repaired.

Inspections and requirements of IE Bulletins and NUREG-0737 are continuing.

Florida Power & Light Company commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335
 UNIT St. Lucie 1
 DATE March 15, 1983
 COMPLETED BY P. Pace
 TELEPHONE (305) 552-3654

MONTH February, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	841
2	840
3	773
4	831
5	840
6	840
7	839
8	842
9	842
10	841
11	839
12	840
13	841
14	843
15	842
16	841

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	841
18	841
19	841
20	840
21	838
22	835
23	833
24	831
25	830
26	726
27	---
28	---
29	
30	
31	

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-335
DATE March 15, 1983
COMPLETED BY P. Pace
TELEPHONE (305) 552-3654

OPERATING STATUS

1. Unit Name: St. Lucie 1
2. Reporting Period: February, 1983
3. Licensed Thermal Power (MWt): 2700
4. Nameplate Rating (Gross MWe): 890
5. Design Electrical Rating (Net MWe): 830
6. Maximum Dependable Capacity (Gross MWe): 862
7. Maximum Dependable Capacity (Net MWe): 817
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes Unit 1 operated at essentially full power until starting a refueling outage.

9. Power Level To Which Restricted, If Any (Net MWe): -----
10. Reasons For Restrictions, If Any: -----

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	672	1416	54,264
12. Number Of Hours Reactor Was Critical	622.9	1366.9	44,466.1
13. Reactor Reserve Shutdown Hours	0	0	205.3
14. Hours Generator On-Line	622.2	1350.9	43,576.2
15. Unit Reserve Shutdown Hours	0	0	39.3
16. Gross Thermal Energy Generated (MWH)	1,659,657	3,532,422	108,667,938
17. Gross Electrical Energy Generated (MWH)	546,890	1,160,280	35,373,875
18. Net Electrical Energy Generated (MWH)	518,439	1,099,537	33,363,728
19. Unit Service Factor	92.6	95.4	80.3
20. Unit Availability Factor	92.6	95.4	80.4
21. Unit Capacity Factor (Using MDC Net)	94.4	95.0	78.5
22. Unit Capacity Factor (Using DER Net)	93.0	93.6	76.3
23. Unit Forced Outage Rate	0	1.1	4.6
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: April 30, 1983
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February, 1983

DOCKET NO. 50-335
 UNIT NAME St. Lucie I
 DATE March 15, 1983
 COMPLETED BY P. Pace
 TELEPHONE (305) 552-3654

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
3	830226	S	49.8	C	1		RC	FUELXX	Unit 1 was removed from service for refueling and scheduled maintenance.

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)
 4- CONTINUED
 5- LOAD REDUCTION

⁴
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

⁵
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-335</u>
UNIT	<u>St. Lucie Unit 1</u>
DATE	<u>March 15, 1983</u>
COMPLETED BY	<u>P. Pace</u>
TELEPHONE	<u>(305) 552-3654</u>

REPORT MONTH February, 1983

St. Lucie Unit 1 was removed from service on February 26, 1983, for a refueling and maintenance outage.

Other major safety related maintenance included:

Two containment spray valves were repaired.

A High Pressure Safety Injection Pump mechanical seal was replaced.

A Low Pressure Safety Injection Pump mechanical seal was replaced.

A charging pump accumulator was replaced.

Inspections and requirements of IE Bulletins and NUREG-0737 are continuing.

Florida Power & Light Company commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

In accordance with requirements of NUREG-0737 Item II.k.3.3, there were no challenges to PORV or safety valves during the report month.

ocket File - PRP

NUREG REGIONAL
ATLANTA, GEORGIA



FLORIDA POWER & LIGHT COMPANY

83 APR 18 AIO : 40

April 15, 1983
PNS-LI-83-278

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

50-250/H

Gentlemen:

Attached are the March, 1983, Operating Status Reports and Operating
Summary Reports for Turkey Point Units Nos. 3 and 4 and St. Lucie Unit
No. 1.

Very truly yours,

J. W. Williams, Jr.

J. W. Williams, Jr.
Vice President
Nuclear Energy

JWW/PLP/mpc

83-68

83060202/6

FLORIDA POWER & LIGHT COMPANY

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250
 UNIT Turkey Point 3
 DATE April 15, 1983
 COMPLETED BY P. I. Pace
 TELEPHONE (305) 552-3654

MONTH March, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	694
2	697
3	696
4	690
5	691
6	689
7	689
8	696
9	693
10	696
11	699
12	703
13	705
14	702
15	701
16	700

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	699
18	698
19	643
20	339
21	692
22	697
23	700
24	699
25	701
26	702
27	700
28	698
29	697
30	696
31	696

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO 50-250
 DATE April 15, 1983
 COMPLETED BY P. L. Pace
 TELEPHONE (305) 552-3654

OPERATING STATUS

1. Unit Name: Turkey Point 3
2. Reporting Period: March, 1983
3. Licensed Thermal Power (MWt): 2200
4. Nameplate Rating (Gross MWe): 760
5. Design Electrical Rating (Net MWe): 693
6. Maximum Dependable Capacity (Gross MWe): 680
7. Maximum Dependable Capacity (Net MWe): 646
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons: -

Notes Unit 3 operated at essentially full power except for a brief outage for plant modification.

9. Power Level To Which Restricted, If Any (Net MWe): -
10. Reasons For Restrictions, If Any: -

	This Month	Yr. to-Date	Cumulative
11. Hours In Reporting Period	744	2160	90,465.6
12. Number Of Hours Reactor Was Critical	741.6	2126.8	63,646.1
13. Reactor Reserve Shutdown Hours	0	0	844.4
14. Hours Generator On-Line	735.2	2046.9	61,552.0
15. Unit Reserve Shutdown Hours	0	0	121.8
16. Gross Thermal Energy Generated (MWH)	1,615,637	4,487,068	125,904,980
17. Gross Electrical Energy Generated (MWH)	532,920	1,477,585	40,139,705
18. Net Electrical Energy Generated (MWH)	508,716	1,408,597	37,996,149
19. Unit Service Factor	98.8	94.8	68.0
20. Unit Availability Factor	98.8	94.8	68.2
21. Unit Capacity Factor (Using MDC Net)	105.8	100.9	65.0
22. Unit Capacity Factor (Using DER Net)	98.7	94.1	60.6
23. Unit Forced Outage Rate	0	4.8	5.7
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March, 1983

DOCKET NO. 50-250
 UNIT NAME Turkey Point 3
 DATE April 15, 1983
 COMPLETED BY P. L. Pace
 TELEPHONE (305) 552-3654

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
5	830320	S	8.8	H	1		EB	ELECON	The unit was removed from service to facilitate installation of auxiliary power upgrade modifications.

¹
 F - Forced
 S - Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)
 4 - CONTINUED
 5 - LOAD REDUCTION

⁴
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NU REG
 0161)

⁵
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-250
UNIT Turkey Point 3
DATE April 15, 1983
COMPLETED BY P. L. Pace
TELEPHONE (305) 552-3654

REPORT MONTH March, 1983

Unit 3 operated at essentially full power except for a brief outage to facilitate auxiliary power upgrade modifications.

Major safety related maintenance activities included:

Several reactor protection circuits were repaired.

A boric acid heat tracing circuit was replaced.

A reactor incore instrumentation detector cable was replaced.

Inspections and requirements of IE Bulletins and NUREG-0737 are continuing.

Florida Power & Light Company commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-251
 UNIT Turkey Point 4
 DATE April 15, 1983
 COMPLETED BY P. L. Pace
 TELEPHONE (305) 552-3654

MONTH March, 1983

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	---

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO 50-251
DATE April 15, 1983
COMPLETED BY P. L. Pace
TELEPHONE (305) 552-3654

OPERATING STATUS

1. Unit Name: Turkey Point 4
2. Reporting Period: March, 1983
- Licensed Thermal Power (MWt): 2200
4. Nameplate Rating (Gross MWe): 760
5. Design Electrical Rating (Net MWe): 693
6. Maximum Dependable Capacity (Gross MWe): 680
7. Maximum Dependable Capacity (Net MWe): 646
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes Steam Generator Repair program in progress.

9. Power Level To Which Restricted, If Any (Net MWe):
10. Reasons For Restrictions, If Any:

	This Month	Yr. to-Date	Cumulative
11. Hours In Reporting Period	744	2160	84,193
12. Number Of Hours Reactor Was Critical	0	0	59,955.3
13. Reactor Reserve Shutdown Hours	0	0	166.6
14. Hours Generator On-Line	0	0	57,896
15. Unit Reserve Shutdown Hours	0	0	31.2
16. Gross Thermal Energy Generated (MWH)	0	0	121,918,244
17. Gross Electrical Energy Generated (MWH)	0	0	38,775,512
18. Net Electrical Energy Generated (MWH)	-1553	-3526	36,727,096
19. Unit Service Factor	0	0	68.8
20. Unit Availability Factor	0	0	68.8
21. Unit Capacity Factor (Using MDC Net)	0	0	67.5
22. Unit Capacity Factor (Using DER Net)	0	0	62.9
23. Unit Forced Outage Rate	0	0	3.9
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: May, 1983
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

50-251

DOCKET NO.

UNIT NAME

DATE

COMPLETED BY

TELEPHONE

Turkey Point 4
April 15, 1983P. L. Pace
(305) 552-3654REPORT MONTH March, 1983

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	License Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
18	821009	S	744	H	4		HB	HTEXCH	Steam Generator Repair Program in accordance with Paragraph III.H. of the Unit 4 Facility Operating License DPR 41.

1 F- Forced
S- Scheduled2 Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & License Examination
F-Administrative
G-Operational Error (Explain)
H-Other (Explain)

3

Method:
1-Manual
2-Manual Scram.
3-Automatic Scram.
4-Other (Explain)

4

Exhibit G - Instructions
for Preparation of Data
Entry Sheets for Licensee
Event Report (LER) File (NUREG-
0161)

5

Exhibit I - Same Source

4- CONTINUED
5- LONG REDUCTION

(9/77)

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-251</u>
UNIT	<u>Turkey Point 4</u>
DATE	<u>April 15, 1983</u>
COMPLETED BY	<u>P. L. Pace</u>
TELEPHONE	<u>(305) 552-3654</u>

REPORT MONTH March, 1983

Unit 4 continued the Steam Generator Repair Program.

Other major safety related maintenance activities included:

Several reactor protection circuits were repaired.

Numerous instrumentation transmitters were replaced.

A boric acid heat tracing circuit was repaired.

A safety injection breaker was repaired.

Inspections and requirements of IE Bulletins and NUREG-0737 are continuing.

Florida Power & Light Company commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335
 UNIT St. Lucie 1
 DATE April 15, 1983
 COMPLETED BY P. L. Pace
 TELEPHONE (305) 552-3654

MONTH March, 1983

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	---

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO 50-335
DATE April 15, 1983
COMPLETED BY P. L. Pace
TELEPHONE (305) 552-3654

OPERATING STATUS

1. Unit Name: St. Lucie 1
2. Reporting Period: March, 1983
3. Licensed Thermal Power (MWt): 2200
4. Nameplate Rating (Gross MWe): 890
5. Design Electrical Rating (Net MWe): 830
6. Maximum Dependable Capacity (Gross MWe): 862
7. Maximum Dependable Capacity (Net MWe): 817
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes Unit 1 remained out of service for refueling and scheduled maintenance.

9. Power Level To Which Restricted, If Any (Net MWe):
10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	2160	55,008
12. Number Of Hours Reactor Was Critical	0	1366.9	44,466.1
13. Reactor Reserve Shutdown Hours	0	0	205.3
14. Hours Generator On-Line	0	1350.9	43,576.2
15. Unit Reserve Shutdown Hours	0	0	39.3
16. Gross Thermal Energy Generated (MWH)	0	3,532,422	108,667,938
17. Gross Electrical Energy Generated (MWH)	0	1,160,280	35,373,875
18. Net Electrical Energy Generated (MWH)	-3003	1,096,534	33,360,725
19. Unit Service Factor	0	62.5	79.2
20. Unit Availability Factor	0	62.5	79.3
21. Unit Capacity Factor (Using MDC Net)	0	62.1	77.3
22. Unit Capacity Factor (Using DER Net)	0	61.2	75.2
23. Unit Forced Outage Rate	0	1.1	4.6
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup to be determined
26. Units In Test Status (Prior to Commercial Operation)

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March, 1983

DOCKET NO. 50-335
 UNIT NAME St. Lucie 1
 DATE April 15, 1983
 COMPLETED BY P. J. Pace
 TELEPHONE (305) 552-3654

No	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
3	830226	S	744	C	4		RC	FUELXX	Unit 1 remained out of service for refueling and scheduled maintenance.

1
 F - Forced
 S - Scheduled

2
 Reason:
 A - Equipment Failure (Explain)
 B - Maintenance or Test
 C - Refueling
 D - Regulatory Restriction
 E - Operator Training & License Examination
 F - Administrative
 G - Operational Error (Explain)
 H - Other (Explain)

3
 Method
 1 - Manual
 2 - Manual Scram
 3 - Automatic Scram
 4 - Other (Explain)
 4 - CONTINUED
 5 - LOAD REDUCTION

4
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (IER) File (NUREG
 0161)

5
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-335</u>
UNIT	<u>St. Lucie Unit 1</u>
DATE	<u>April 15, 1983</u>
COMPLETED BY	<u>P. L. Pace</u>
TELEPHONE	<u>(305) 552-3654</u>

REPORT MONTH March, 1983

St. Lucie Unit 1 remained out of service for a refueling and maintenance outage.

Other major safety related maintenance included:

A rod position indication power supply was repaired.

A heat tracing circuit was repaired.

A fire detector was replaced.

The core barrel and thermal shield were inspected. See LER 335-83-22 for details.

Inspections and requirements of IE Bulletins and NUREG-0737 are continuing.

Florida Power & Light Company commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

In accordance with requirements of NUREG-0737 Item II.k.3.3, there were no challenges to PORV or safety valves during the report month.

REGION II
ATLANTA, GEORGIA

83 MAY 18 AIO: 36

ocket file *FAP*



May 16, 1983

PNS-LI-353

58-250/H

Director, Office of Resource Management
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Sir:

Attached are the April, 1983, Operating Status Reports and Operating Summary Reports for Turkey Point Unit Nos. 3 and 4 and St. Lucie Unit Nos. 1 and 2.

Very truly yours,

J. W. Williams, Jr.
J. W. Williams, Jr.
Vice President
Nuclear Energy

JWW/PLP/mpc

Attachment

cc: J. P. O'Reilly, Region II

8306160638

✓ 83-91
LOTT

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250
 UNIT Turkey Point 3
 DATE May 16, 1983
 COMPLETED BY P. L. Pace
 TELEPHONE (305) 552-3654

MONTH April, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	683
2	686
3	694
4	692
5	691
6	692
7	691
8	693
9	692
10	693
11	696
12	698
13	697
14	696
15	698
16	698

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	697
18	701
19	702
20	700
21	697
22	693
23	692
24	693*
25	695
26	695
27	695
28	694
29	692
30	690
31	

*23 hours - daylight savings

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-250
 DATE May 16, 1983
 COMPLETED BY P. L. Pace
 TELEPHONE (305) 552-3654

OPERATING STATUS

1. Unit Name: Turkey Point 3
2. Reporting Period: April, 1983
3. Licensed Thermal Power (MWt): 2200
4. Nameplate Rating (Gross MWe): 760
5. Design Electrical Rating (Net MWe): 693
6. Maximum Dependable Capacity (Gross MWe): 680
7. Maximum Dependable Capacity (Net MWe): 646
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes Unit 3 operated at essentially full power for the entire month.

9. Power Level To Which Restricted, If Any (Net MWe): _____
10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	719	2,879	91,184.6
12. Number Of Hours Reactor Was Critical	719	2,845.8	63,646.1
13. Reactor Reserve Shutdown Hours	0	0	844.4
14. Hours Generator On-Line	719	2,765.9	62,271
15. Unit Reserve Shutdown Hours	0	0	121.8
16. Gross Thermal Energy Generated (MWH)	1,586,657	6,073,725	127,491,637
17. Gross Electrical Energy Generated (MWH)	524,725	2,002,310	40,664,430
18. Net Electrical Energy Generated (MWH)	501,085	1,909,682	38,497,234
19. Unit Service Factor	100.0	96.1	68.3
20. Unit Availability Factor	100.0	96.1	68.4
21. Unit Capacity Factor (Using MDC Net)	107.9	102.7	65.4
22. Unit Capacity Factor (Using DER Net)	100.6	95.7	60.9
23. Unit Forced Outage Rate	0	3.6	5.6

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling, Oct. 1, 1983, 2 months.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April, 1983

DOCKET NO. 50-250
 UNIT NAME Turkey Point 3
 DATE May 16, 1983
 COMPLETED BY P. Pace
 TELEPHONE (305) 552-3654

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
									Unit 3 had no shutdowns or power reductions greater than 20%.

¹
 F - Forced
 S - Scheduled

²
 Reason:
 A - Equipment Failure (Explain)
 B - Maintenance or Test
 C - Refueling
 D - Regulatory Restriction
 E - Operator Training & License Examination
 F - Administrative
 G - Operational Error (Explain)
 H - Other (Explain)

³
 Method:
 1 - Manual
 2 - Manual Scram.
 3 - Automatic Scram.
 4 - Other (Explain)
 4 - CONTINUED
 5 - LOAD REDUCTION

⁴
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

⁵
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-250
UNIT Turkey Point 3
DATE May 16, 1983
COMPLETED BY P. L. Pace
TELEPHONE (305) 552-3654

REPORT MONTH April, 1983

Unit 3 operated at essentially full power for the entire month.

Major safety related maintenance activities included:

A boric acid heat tracing circuit was adjusted.

An AFW supply valve operator was repaired.

An RPS relay rack was repaired.

A boric acid supply valve was repaired.

A reactor excore instrumentation drawer was repaired.

Inspections and requirements of IE Bulletins and NUREG-0737 are continuing.

Florida Power & Light Company commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-251
 UNIT Turkey Point 4
 DATE May 16, 1983
 COMPLETED BY P. L. Pace
 TELEPHONE (305) 552-3654

MONTH April, 1983

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	---

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-251
 DATE May 16, 1983
 COMPLETED BY P. L. Pace
 TELEPHONE (305) 552-3654

OPERATING STATUS

1. Unit Name: Turkey Point 4
2. Reporting Period: April, 1983
3. Licensed Thermal Power (MWt): 2200
4. Nameplate Rating (Gross MWe): 760
5. Design Electrical Rating (Net MWe): 693
6. Maximum Dependable Capacity (Gross MWe): 680
7. Maximum Dependable Capacity (Net MWe): 646
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes Steam Generator Repair
 Program in progress

9. Power Level To Which Restricted, If Any (Net MWe): _____
10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	719	2,879	84,912
12. Number Of Hours Reactor Was Critical	0	0	59,855.3
13. Reactor Reserve Shutdown Hours	0	0	166.6
14. Hours Generator On-Line	0	0	57,396
15. Unit Reserve Shutdown Hours	0	0	31.2
16. Gross Thermal Energy Generated (MWH)	0	0	121,918,244
17. Gross Electrical Energy Generated (MWH)	0	0	38,775,512
18. Net Electrical Energy Generated (MWH)	-1,923	-5,449	36,725,173
19. Unit Service Factor	0	0	68.2
20. Unit Availability Factor	0	0	68.2
21. Unit Capacity Factor (Using MDC Net)	0	0	67.0
22. Unit Capacity Factor (Using DER Net)	0	0	62.4
23. Unit Forced Outage Rate	0	0	3.9
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: May 16, 1983
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April, 1983

DOCKET NO. 50-251
 UNIT NAME Turkey Point 4
 DATE May 16, 1983
 COMPLETED BY P. L. Pace
 TELEPHONE (305) 552-3654

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
18	821009	S	719	H	4		HB	HTEXCH	Steam Generator Repair Program in accordance with Paragraph III.H. of the Unit 4 Facility Operating License DPR 41.

¹
 F- Forced
 S- Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)
 4- CONTINUED
 5- LOAD REDUCTION

⁴
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

⁵
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-251</u>
UNIT	<u>Turkey Point 4</u>
DATE	<u>May 16, 1983</u>
COMPLETED BY	<u>P. L. Pace</u>
TELEPHONE	<u>(305) 552-3654</u>

REPORT MONTH April, 1983

Unit 1 continued the Steam Generator Repair Program.

Other major safety related maintenance activities included:

Three boric acid heat tracing circuits were repaired or adjusted.

A pressurizer pressure transmitter was replaced.

A steam turbine pressure transmitter was replaced.

A thrust bearing on a High Pressure Safety Injection Pump was repaired.

Reactor core reloaded including 36 new fuel assemblies.

Inspections and requirements of IE Bulletins and NUREG-0737 are continuing.

Florida Power & Light Company commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335
UNIT St. Lucie 1
DATE May 16, 1983
COMPLETED BY P. L. Pace
TELEPHONE (305) 552-3654

MONTH April, 1983

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	---		

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-335
DATE May 16, 1983
COMPLETED BY P. L. Pace
TELEPHONE (305) 552-3654

OPERATING STATUS

1. Unit Name: St. Lucie 1
2. Reporting Period: April, 1983
3. Licensed Thermal Power (MWt): 2700
4. Nameplate Rating (Gross MWe): 890
5. Design Electrical Rating (Net MWe): 830
6. Maximum Dependable Capacity (Gross MWe): 862
7. Maximum Dependable Capacity (Net MWe): 817
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes Unit 1 remained out of service for refueling and scheduled maintenance.

9. Power Level To Which Restricted, If Any (Net MWe): _____
10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	719	2,879	55,727
12. Number Of Hours Reactor Was Critical	0	1,366.9	44,466.1
13. Reactor Reserve Shutdown Hours	0	0	205.3
14. Hours Generator On-Line	0	1,350.9	43,576.2
15. Unit Reserve Shutdown Hours	0	0	39.3
16. Gross Thermal Energy Generated (MWH)	0	3,532,422	108,667,938
17. Gross Electrical Energy Generated (MWH)	0	1,160,280	35,373,875
18. Net Electrical Energy Generated (MWH)	-2,185	1,094,349	33,358,540
19. Unit Service Factor	0	46.9	78.2
20. Unit Availability Factor	0	46.9	78.3
21. Unit Capacity Factor (Using MDC Net)	0	46.5	76.3
22. Unit Capacity Factor (Using DER Net)	0	45.8	74.1
23. Unit Forced Outage Rate	0	1.1	4.6
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: mid-July, 1983
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April, 1983

DOCKET NO. 50-335
 UNIT NAME St. Lucie I
 DATE May 16, 1983
 COMPLETED BY P. I. Pace
 TELEPHONE (305) 552-3654

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
3	830226	S	719	C	4		RC	FUELXX	Unit 1 remained out of service for refueling and scheduled maintenance.

¹ F - Forced
 S - Scheduled

² Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³ Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)
 4- CONTINUED
 5- LOAD REDUCTION

⁴ Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

⁵ Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-335</u>
UNIT	<u>St. Lucie Unit 1</u>
DATE	<u>May 16, 1983</u>
COMPLETED BY	<u>P. L. Pace</u>
TELEPHONE	<u>(305) 552-3654</u>

REPORT MONTH April, 1983

St. Lucie Unit 1 remained out of service for a refueling and maintenance outage.

Major safety related maintenance included:

The safe end was removed from the A Feedwater nozzle.

AFW pump ramp generators were repaired.

A pressurizer support was repaired.

Grounded RTD's in a safeguards cabinet were replaced.

A pressurizer level transmitter was adjusted.

A trip status panel relay was repaired.

See correspondence between FPL and NRC for information concerning the thermal shield.

The ILRT was conducted.

Inspections and requirements of IE Bulletins and NUREG-0737 are continuing.

Florida Power & Light Company commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

In accordance with requirements of NUREG-0737 Item II.k.3.3, there were no challenges to PORV or safety valves during the report month.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-389
UNIT St. Lucie 2
DATE May 16, 1983
COMPLETED BY P. L. Pace
TELEPHONE (305) 552-3654

MONTH April, 1983

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	---

* Operating license issued
April 6, 1983

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-389
 DATE May 16, 1983
 COMPLETED BY P. L. Pace
 TELEPHONE (305) 552-3654

OPERATING STATUS

1. Unit Name: St. Lucie Unit 2
2. Reporting Period: April 6, 1983 to April 30, 1983
3. Licensed Thermal Power (MWt): 5% of 2560
4. Nameplate Rating (Gross MWe): 850
5. Design Electrical Rating (Net MWe): approximately 805
6. Maximum Dependable Capacity (Gross MWe): to be determined
7. Maximum Dependable Capacity (Net MWe): to be determined
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
first report

Notes Unit 2 received an operating license on April 6, 1983.

9. Power Level To Which Restricted, If Any (Net MWe): approximately 38
10. Reasons For Restrictions, If Any: License condition - plant in startup phase.

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>600</u>		
12. Number Of Hours Reactor Was Critical	<u>0</u>		
13. Reactor Reserve Shutdown Hours	<u>0</u>		
14. Hours Generator On-Line	<u>0</u>		
15. Unit Reserve Shutdown Hours	<u>0</u>		
16. Gross Thermal Energy Generated (MWH)	<u>0</u>		
17. Gross Electrical Energy Generated (MWH)	<u>0</u>		
18. Net Electrical Energy Generated (MWH)	<u>0</u>		
19. Unit Service Factor	<u>NA</u>		
20. Unit Availability Factor	<u>NA</u>		
21. Unit Capacity Factor (Using MDC Net)	<u>NA</u>		
22. Unit Capacity Factor (Using DER Net)	<u>NA</u>		
23. Unit Forced Outage Rate	<u>0</u>		
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
<u>5/27/83</u>	_____
<u>June, 1983</u>	_____
<u>late July, 1983</u>	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April, 1983

DOCKET NO. 50-389
 UNIT NAME St. Lucie 2
 DATE May 16, 1983
 COMPLETED BY P. L. Pace
 TELEPHONE (305) 552-3654

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
NA	830406	NA	NA	B	NA	NA	NA	NA	Unit 2 received operating license and began fuel loading and pre-operational testing.

¹ F: Forced
S: Scheduled

² Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & License Examination
F-Administrative
G-Operational Error (Explain)
H-Other (Explain)

³ Method:
1-Manual
2-Manual Scram.
3-Automatic Scram.
4-Other (Explain)

4- CONTINUED
5- LOAD REDUCTION

⁴ Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

⁵ Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-389</u>
UNIT	<u>St. Lucie Unit 2</u>
DATE	<u>May 16, 1983</u>
COMPLETED BY	<u>P. L. Pace</u>
TELEPHONE	<u>(305) 552-3654</u>

REPORT MONTH April, 1983

St. Lucie Unit 2 received an operating license and commenced fuel loading and pre-operational testing.

In accordance with the requirements of NUREG-0737 Item II.k.3.3, and Technical Specification 6.9.1.6, there were no challenges to PORV's or safety valves during the report month.

Cocket File

USNRC REGION II
ATLANTA, GEORGIA



83 JUN 20 A 9:47

June 15, 1983
PNS-LI-83-417/1

50-250/H

Director, Office of Resource Management
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Sir:

Attached are the May 1983 Operating Status Reports and Operating Summary Reports for Turkey Point Unit Nos. 3 and 4 and St. Lucie Unit Nos. 1 and 2.

Very truly yours,

KN Williams
W. W. Williams, Jr.
Vice President
Nuclear Energy

JWW/PLP/js

Attachment

cc: J. P. O'Reilly, Region II

Official Copy

83-109

8307220329

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250
 UNIT Turkey Point 3
 DATE June 15, 1983
 COMPLETED BY P. L. Pace
 TELEPHONE (305) 552-3654

MONTH May 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>693</u>
2	<u>689</u>
3	<u>643</u>
4	<u>670</u>
5	<u>604</u>
6	<u>625</u>
7	<u>686</u>
8	<u>689</u>
9	<u>688</u>
10	<u>686</u>
11	<u>602</u>
12	<u>638</u>
13	<u>682</u>
14	<u>684</u>
15	<u>682</u>
16	<u>679</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>676</u>
18	<u>671</u>
19	<u>674</u>
20	<u>680</u>
21	<u>681</u>
22	<u>676</u>
23	<u>681</u>
24	<u>674</u>
25	<u>672</u>
26	<u>668</u>
27	<u>669</u>
28	<u>670</u>
29	<u>667</u>
30	<u>670</u>
31	<u>674</u>

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-250
 DATE June 15, 1983
 COMPLETED BY P. L. Pace
 TELEPHONE (305) 552-3654

OPERATING STATUS

1. Unit Name: Turkey Point 3
2. Reporting Period: May 1983
3. Licensed Thermal Power (MWt): 2200
4. Nameplate Rating (Gross MWe): 760
5. Design Electrical Rating (Net MWe): 693
6. Maximum Dependable Capacity (Gross MWe): 700
7. Maximum Dependable Capacity (Net MWe): 666

Notes

Unit 3 operated at essentially full power except for two brief outages, see the Unit Shutdowns and Power Reductions Report.

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Items 6 and 7 increased 5/25/83 to reflect increased capability associated with secondary side improvements.

9. Power Level To Which Restricted, If Any (Net MWe): _____
10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	3,623	91,928.6
12. Number Of Hours Reactor Was Critical	729.9	3,575.7	64,376.0
13. Reactor Reserve Shutdown Hours	0	0	844.4
14. Hours Generator On-Line	725.1	3,491.0	62,996.1
15. Unit Reserve Shutdown Hours	0	0	121.8
16. Gross Thermal Energy Generated (MWH)	1,588,610	7,662,335	129,080,247
17. Gross Electrical Energy Generated (MWH)	512,440	2,514,880	41,176,870
18. Net Electrical Energy Generated (MWH)	487,912	2,397,594	38,985,146
19. Unit Service Factor	97.5	96.4	68.5
20. Unit Availability Factor	97.5	96.4	68.7
21. Unit Capacity Factor (Using MDC Net)	100.8	102.3	65.6
22. Unit Capacity Factor (Using DER Net)	94.6	95.5	61.2
23. Unit Forced Outage Rate	.3	3.0	5.6

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

Refueling, October 1983, 2 months

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____

26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast

Achieved

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-250UNIT NAME Turkey Point 3DATE June 15, 1983COMPLETED BY P. L. PaceTELEPHONE (305) 552-3654REPORT MONTH May 1983

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
6	830505	S	17.1	B	1		ZZ	ZZZZZZ	Unit taken off line to conduct safeguards test for Turkey Point Unit 4.
7	830511	F	1.9	A	3		PA	XXXXXX	Reactor trip caused by loss of instrument air dryer during maintenance. Unit returned to service.

¹
F Forced
S Scheduled

²
Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & License Examination
F-Administrative
G-Operational Error (Explain)
H-Other (Explain)

³
Method:
1-Manual
2-Manual Scram.
3-Automatic Scram.
4-Other (Explain)
4- CONTINUED
5- LOAD REDUCTION

⁴
Exhibit G - Instructions
for Preparation of Data
Entry Sheets for Licensee
Event Report (LER) File (NUREG-
0161)

⁵
Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-250</u>
UNIT	<u>Turkey Point 3</u>
DATE	<u>June 15, 1983</u>
COMPLETED BY	<u>P. L. Pace</u>
TELEPHONE	<u>(305) 552-3654</u>

REPORT MONTH May 1983

Unit 3 operated at essentially full power for the entire month except for the brief outages discussed in the unit shutdowns report.

Major safety related maintenance activities included:

An excore instrumentation source range drawer power supply was replaced.

A primary water make-up pump impeller was replaced.

A primary water make-up control valve solenoid was replaced.

A primary water make-up check valve was replaced.

A feedwater control valve was replaced.

Inspections and requirements of IE Bulletins and NUREG-0737 are continuing.

Florida Power & Light Company commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-251

UNIT Turkey Point 4

DATE June 15, 1983

COMPLETED BY P. L. Pace

TELEPHONE (305) 552-3654

MONTH May 1983

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	83
18	154
19	312
20	469
21	557
22	667
23	679
24	665
25	630
26	561
27	534
28	665
29	676
30	679
31	681

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-251
 DATE June 15, 1983
 COMPLETED BY P. L. Pace
 TELEPHONE (305) 552-3654

OPERATING STATUS

1. Unit Name: Turkey Point 4
2. Reporting Period: May 1983
3. Licensed Thermal Power (MWt): 2200
4. Nameplate Rating (Gross MWe): 760
5. Design Electrical Rating (Net MWe): 693
6. Maximum Dependable Capacity (Gross MWe): 700
7. Maximum Dependable Capacity (Net MWe): 666

Notes

Unit 4 completed the Steam Generator Repair Project

8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
Items 6 and 7 increased 5/25/83 to reflect increased capability associated.

9. Power Level To Which Restricted, If Any (Net MWe): _____
10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	3,623	85,656
12. Number Of Hours Reactor Was Critical	393.8	393.8	60,249.1
13. Reactor Reserve Shutdown Hours	0	0	166.6
14. Hours Generator On-Line	350.7	350.7	58,246.7
15. Unit Reserve Shutdown Hours	0	0	31.2
16. Gross Thermal Energy Generated (MWH)	652,752	652,752	122,570,996
17. Gross Electrical Energy Generated (MWH)	204,025	204,025	38,979,537
18. Net Electrical Energy Generated (MWH)	189,250	189,250	36,914,423
19. Unit Service Factor	47.1	9.7	68.0
20. Unit Availability Factor	47.1	9.7	68.0
21. Unit Capacity Factor (Using MDC Net)	39.1	8.1	66.7
22. Unit Capacity Factor (Using DER Net)	36.7	7.5	62.2
23. Unit Forced Outage Rate	4.9	4.9	3.8
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH May 1983DOCKET NO. 50-251UNIT NAME Turkey Point 4DATE June 15, 1983COMPLETED BY P. L. PaceTELEPHONE (305) 552-3654

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
18	821009	S	374.6	H	4		HB	HTEXCH	Steam Generator Repair Program completed. Unit returned to service.
1	830516	F	6.0	A	3		CH	VALVEX	Reactor trip caused by high level in steam generator. Returned to service.
2	830517	F	6.2	H	1		IA	TURBIN	Unit removed from service following turbine runback. Returned to service.
3	830517	S	0.0	B	5		HA	TURBIN	Turbine soak following outage prior to full power operation.
4	830517	S	.5	B	NA		NA	TURBIN	Unit removed from service for turbine overspeed test.
5	830517	F	0.0	H	5		HB	HTEXCH	Power reduced in accordance with secondary chemistry control guidelines.
6	830519	F	0.0	H	5		HB	HTEXCH	Power reduced in accordance with secondary chemistry guidelines.
7	830526	F	6.1	A	1		HA	TURBIN	Unit removed from service due to high temperatures in main turbine. Returned to service at reduced power until condition cleared.

1
F: Forced
S: Scheduled

2
Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & License Examination
F-Administrative
G-Operational Error (Explain)
H-Other (Explain)

3
Method:
1-Manual
2-Manual Scram.
3-Automatic Scram.
4-Other (Explain)

4- CONTINUED

5- LOAD REDUCTION

4
Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

5
Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-251</u>
UNIT	<u>Turkey Point 4</u>
DATE	<u>June 15, 1983</u>
COMPLETED BY	<u>P. L. Pace</u>
TELEPHONE	<u>(305) 552-3654</u>

REPORT MONTH May 1983

Unit 4 returned to operation following the Steam Generator Repair Program. See the Unit Shutdowns Report for details on outages during the month.

Other major safety related maintenance activities included:

- Boric acid heat tracing was adjusted or repaired.

- A containment spray pump was overhauled.

- A high pressure safety injection pressure transmitter was replaced.

- A spent fuel pool emergency pump was repaired.

- Two excore instrumentation source detectors were replaced.

- A reactor coolant pump switch was replaced.

- A CRDM annunciator was replaced.

Inspections and requirements of IE Bulletins and NUREG-0737 are continuing.

Florida Power & Light Company commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335
UNIT St. Lucie 1
DATE June 15, 1983
COMPLETED BY P. L. Pace
TELEPHONE (305)552-3654

MONTH May 1983

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	---

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-335
 DATE June 15, 1983
 COMPLETED BY P. L. Pace
 TELEPHONE (305)552-3654

OPERATING STATUS

1. Unit Name: St. Lucie 1
2. Reporting Period: May 1983
3. Licensed Thermal Power (Mwt): 2700
4. Nameplate Rating (Gross MWe): 890
5. Design Electrical Rating (Net MWe): 830
6. Maximum Dependable Capacity (Gross MWe): 867
7. Maximum Dependable Capacity (Net MWe): 822
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:
Items 6 and 7 increased on 5/25/83 based on a review of unit performance
and statistical review of circulating water temperatures.
9. Power Level To Which Restricted, If Any (Net MWe): --
10. Reasons For Restrictions, If Any: _____

Notes

Unit remained out of service for refueling and scheduled maintenance.

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>3,623</u>	<u>56,471</u>
12. Number Of Hours Reactor Was Critical	<u>0</u>	<u>1,366.9</u>	<u>44,466.1</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>205.3</u>
14. Hours Generator On-Line	<u>0</u>	<u>1,350.9</u>	<u>43,576.2</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>39.3</u>
16. Gross Thermal Energy Generated (MWH)	<u>0</u>	<u>3,532,422</u>	<u>108,667,938</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>1,160,280</u>	<u>35,373,875</u>
18. Net Electrical Energy Generated (MWH)	<u>-2232</u>	<u>1,092,117</u>	<u>33,356,308</u>
19. Unit Service Factor	<u>0</u>	<u>37.3</u>	<u>77.2</u>
20. Unit Availability Factor	<u>0</u>	<u>37.3</u>	<u>77.2</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0</u>	<u>36.9*</u>	<u>75.2*</u>
22. Unit Capacity Factor (Using DER Net)	<u>0</u>	<u>36.3</u>	<u>73.1*</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>1.1</u>	<u>4.6</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	_____		

25. If Shut Down At End Of Report Period, Estimated Date of Startup: September 1983

26. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	<u>1</u>	_____

*weighted average capacity factors

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH May 1983

DOCKET NO. 50-335
 UNIT NAME St. Lucie 1
 DATE June 15, 1983
 COMPLETED BY P. L. Pace
 TELEPHONE (305) 552-3654

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
3	830226	S	744	C	4		RC	FUELXX	Unit 1 remained out of service for refueling and scheduled maintenance.

¹
 F- Forced
 S- Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)

4- CONTINUED

5- LOAD REDUCTION

⁴
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

⁵
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-335</u>
UNIT	<u>St. Lucie Unit 1</u>
DATE	<u>June 15, 1983</u>
COMPLETED BY	<u>P. L. Pace</u>
TELEPHONE	<u>(305) 552-3654</u>

REPORT MONTH May 1983

St. Lucie Unit 1 remained out of service for a refueling and maintenance outage.

Major safety related maintenance included:

Boric acid heat tracing was replaced.

A containment spray control valve actuator solenoid was replaced.

The hydrogen analyzer was installed.

See correspondence between FPL and NRC for information concerning the thermal shield

Inspections and requirements of IE Bulletins and NUREG-0737 are continuing.

Florida Power & Light Company commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

In accordance with requirements of NUREG-0737 Item II.K.3.3, there were no challenges to PORV or safety valves during the report month.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-389
UNIT St. Lucie 2
DATE June 15, 1983
COMPLETED BY P. L. Pace
TELEPHONE (305)552-3654

MONTH May 1983

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	---

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-389
 DATE June 15, 1983
 COMPLETED BY P. L. Pace
 TELEPHONE (305) 552-3654

OPERATING STATUS

1. Unit Name: St. Lucie Unit 2
2. Reporting Period: May 1983
3. Licensed Thermal Power (MWt): 5% of 2560
4. Nameplate Rating (Gross MWe): 850
5. Design Electrical Rating (Net MWe): approximately 805
6. Maximum Dependable Capacity (Gross MWe): to be determined
7. Maximum Dependable Capacity (Net MWe): to be determined
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

Conducted preoperational testing.

9. Power Level To Which Restricted, If Any (Net MWe): approximately 38
10. Reasons For Restrictions, If Any: License condition - plant in startup phase.

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>		
12. Number Of Hours Reactor Was Critical	<u>0</u>		
13. Reactor Reserve Shutdown Hours	<u>0</u>		
14. Hours Generator On-Line	<u>0</u>		
15. Unit Reserve Shutdown Hours	<u>0</u>		
16. Gross Thermal Energy Generated (MWH)	<u>0</u>		
17. Gross Electrical Energy Generated (MWH)	<u>0</u>		
18. Net Electrical Energy Generated (MWH)	<u>0</u>		
19. Unit Service Factor	<u>NA</u>		
20. Unit Availability Factor	<u>NA</u>		
21. Unit Capacity Factor (Using MDC Net)	<u>NA</u>		
22. Unit Capacity Factor (Using DER Net)	<u>NA</u>		
23. Unit Forced Outage Rate	<u>0</u>		
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
<u>5/27/83</u>	<u>6/2/83</u>
<u>June 1983</u>	<u>6/13/83</u>
<u>late July 1983</u>	

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH May 1983

DOCKET NO. 50-389
 UNIT NAME St. Lucie 2
 DATE June 15, 1983
 COMPLETED BY P. L. Pace
 TELEPHONE (305) 552-3654

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
NA	830406	NA	NA	B	NA	NA	NA	NA	Unit 2 conducted preoperational testing.

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)
 4- CONTINUED
 5- LOAD REDUCTION

⁴
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

⁵
 Exhibit I - Same Source

(9/77)

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-389</u>
UNIT	<u>St. Lucie Unit 2</u>
DATE	<u>June 15, 1983</u>
COMPLETED BY	<u>P. L. Pace</u>
TELEPHONE	<u>(305) 552-3654</u>

REPORT MONTH May 1983

Unit 2 continued preoperational testing.

Inspections and requirements of IE Bulletins and NUREG-0737 are continuing.

Florida Power & Light Company commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

In accordance with requirements of NUREG-0737 Item II.K.3.3., there were no challenges to PORV or safety valves during the report month.

*Docket
File*

USNPD
ATTN: [illegible]

83 JUL 19

ALL: 39

JUL 15, 1983
PNS-LI-83-497/1

PRP



Director, Office of Resource Management
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

50-250/H

Dear Sir:

Attached are the June 1983 Operating Status Reports and Operating Summary Reports for Turkey Point Unit Nos. 3 and 4 and St. Lucie Unit Nos. 1 and 2.

Very truly yours,

J. W. Williams, Jr.
Vice President
Nuclear Energy

JWW/NWG/js

Attachment

cc: J. P. O'Reilly, Region II

8308110238

83-119 ✓

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250

UNIT Turkey Point Unit

DATE July 15, 1983

COMPLETED BY N.W. Grant

TELEPHONE (305) 552-3675

MONTH June 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>672</u>
2	<u>669</u>
3	<u>662</u>
4	<u>660</u>
5	<u>660</u>
6	<u>618</u>
7	<u>574</u>
8	<u>676</u>
9	<u>683</u>
10	<u>683</u>
11	<u>681</u>
12	<u>676</u>
13	<u>675</u>
14	<u>681</u>
15	<u>676</u>
16	<u>675</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>676</u>
18	<u>677</u>
19	<u>678</u>
20	<u>678</u>
21	<u>683</u>
22	<u>680</u>
23	<u>678</u>
24	<u>627</u>
25	<u>663</u>
26	<u>678</u>
27	<u>680</u>
28	<u>680</u>
29	<u>674</u>
30	<u>669</u>
31	<u> </u>

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-250
 DATE July 15, 1983
 COMPLETED BY N. W. Grant
 TELEPHONE (305) 552-3675

OPERATING STATUS

1. Unit Name: Turkey Point Unit 3
2. Reporting Period: June 1983
3. Licensed Thermal Power (MWt): 2200
4. Nameplate Rating (Gross MWe): 760
5. Design Electrical Rating (Net MWe): 693
6. Maximum Dependable Capacity (Gross MWe): 700
7. Maximum Dependable Capacity (Net MWe): 666
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

Unit 3 operated at essentially full power.

9. Power Level To Which Restricted, If Any (Net MWe): _____

10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720	4,343	92,648.6
12. Number Of Hours Reactor Was Critical	720	4,295.7	65,096
13. Reactor Reserve Shutdown Hours	0	0	844.4
14. Hours Generator On-Line	720	4,211	63,716.1
15. Unit Reserve Shutdown Hours	0	0	121.8
16. Gross Thermal Energy Generated (MWH)	1,577,299	9,239,634	130,657,546
17. Gross Electrical Energy Generated (MWH)	504,885	3,019,765	41,681,755
18. Net Electrical Energy Generated (MWH)	480,950	2,878,544	39,466,096
19. Unit Service Factor	100.0	97.0	68.7
20. Unit Availability Factor	100.0	97.0	68.9
21. Unit Capacity Factor (Using MDC Net)	100.3	102.0	65.9
22. Unit Capacity Factor (Using DER Net)	96.4	95.6	61.5
23. Unit Forced Outage Rate	0	2.5	5.5
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

Refueling, October 1983, 2 months

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____

26. Units In Test Status (Prior to Commercial Operation):

Forecast

Achieved

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June 1983

DOCKET NO. 50-250
 UNIT NAME Turkey Point 3
 DATE July 15, 1983
 COMPLETED BY P. Pace
 TELEPHONE (305) 552-3654

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
									Unit 3 had no unit shutdowns or significant reductions in power level.

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)
 4- CONTINUED
 5- LOAD REDUCTION

⁴
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

⁵
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-250</u>
UNIT	<u>Turkey Point 3</u>
DATE	<u>July 15, 1983</u>
COMPLETED BY	<u>P. L. Pace</u>
TELEPHONE	<u>(305) 552-3654</u>

REPORT MONTH June 1983

Unit 3 operated at essentially full power for the entire month.

Major safety related maintenance activities included:

Spent fuel crane bearings and cable were replaced.

An HPSI flow transmitter was repaired.

Inspections and requirements of IE Bulletins and NUREG-0737 are continuing.

Florida Power & Light Company commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-251
UNIT Turkey Point Unit 4
DATE July 15, 1983
COMPLETED BY N. W. Grant
TELEPHONE (305) 552-3675

MONTH June 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	679
2	672
3	668
4	669
5	668
6	673
7	674
8	670
9	674
10	677
11	677
12	674
13	670
14	674
15	672
16	670

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	376
18	241
19	---
20	---
21	---
22	---
23	89
24	82
25	498
26	672
27	673
28	532
29	668
30	664
31	

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-251
DATE 7-15-83
COMPLETED BY N.W. Grant
TELEPHONE (305)552-3675

OPERATING STATUS

1. Unit Name: Turkey Point 4
2. Reporting Period: June 1983
3. Licensed Thermal Power (MWt): 2200
4. Nameplate Rating (Gross MWe): 760
5. Design Electrical Rating (Net MWe): 693
6. Maximum Dependable Capacity (Gross MWe): 700
7. Maximum Dependable Capacity (Net MWe): 666
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

Unit 4 operated at essentially full power except as indicated in the Unit Shutdowns and Power Reductions Report

9. Power Level To Which Restricted, If Any (Net MWe):
10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720	4,343	86,376
12. Number Of Hours Reactor Was Critical	713.5	1,107.3	60,962.6
13. Reactor Reserve Shutdown Hours	0	0	166.6
14. Hours Generator On-Line	582.5	933.2	58,829.2
15. Unit Reserve Shutdown Hours	0	0	31.2
16. Gross Thermal Energy Generated (MWH)	1,232,028	1,884,780	123,803,024
17. Gross Electrical Energy Generated (MWH)	386,475	590,500	39,366,012
18. Net Electrical Energy Generated (MWH)	364,721	563,971	37,279,144
19. Unit Service Factor	80.9	21.5	68.1
20. Unit Availability Factor	80.9	21.5	68.1
21. Unit Capacity Factor (Using MDC Net)	76.1	19.6	66.8
22. Unit Capacity Factor (Using DER Net)	73.1	18.4	62.3
23. Unit Forced Outage Rate	16.2	12.3	4.0
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup:
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June 1983

DOCKET NO. 50-251
 UNIT NAME Turkey Point 4
 DATE July 15, 1983
 COMPLETED BY P. Pace
 TELEPHONE (305) 552-3654

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
7	830617	F	9.8	A	3		HA	INSTRU	Reactor trip caused by a load rejection.
8	830618	F	0	F	5		HB	HTEXCH	Power reduced to comply with secondary chemistry guidelines.
9	830618	F	99.1	A	1		HC	HTEXCH	Unit removed from service to repair condenser tube leak.
10	830623	S	24.9	A	1		HA	TURBIN	Unit removed from service to repair generator seal oil system.
11	830628	F	3.8	A	3		EC	INSTRU	Reactor trip caused by closed MSIVs due to jarring of a breaker during maintenance.

¹
 F- Forced
 S- Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)
 4- CONTINUED
 5- LOAD REDUCTION

⁴
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

⁵
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-251</u>
UNIT	<u>Turkey Point 4</u>
DATE	<u>July 15, 1983</u>
COMPLETED BY	<u>P. L. Pace</u>
TELEPHONE	<u>(305) 552-3654</u>

REPORT MONTH June 1983

Unit 4 operated at power except as noted in the Unit Shutdowns Report.

Other major safety related maintenance activities included:

A charging pump vent valve was replaced.

Several RPS circuit components were replaced.

A HPSI flow transmitter was replaced.

Inspections and requirements of IE Bulletins and NUREG-0737 are continuing.

Florida Power & Light Company commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335

UNIT St. Lucie Unit 1

DATE July 15, 1983

COMPLETED BY N. W. Grant

TELEPHONE (305)552-3675

MONTH June 1983

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	---

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-335
 DATE July 15, 1983
 COMPLETED BY N. W. Grant
 TELEPHONE (305) 552-3675

OPERATING STATUS

1. Unit Name: St. Lucie Unit 1
2. Reporting Period: June 1983
3. Licensed Thermal Power (MWt): 2700
4. Nameplate Rating (Gross MWe): 890
5. Design Electrical Rating (Net MWe): 830
6. Maximum Dependable Capacity (Gross MWe): 867
7. Maximum Dependable Capacity (Net MWe): 822
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

Unit remained out of service for refueling and scheduled maintenance.

9. Power Level To Which Restricted, If Any (Net MWe): _____
10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720	4,343	57,191
12. Number Of Hours Reactor Was Critical	0	1,366.9	44,466.1
13. Reactor Reserve Shutdown Hours	0	0	205.3
14. Hours Generator On-Line	0	1,350.9	43,576.2
15. Unit Reserve Shutdown Hours	0	0	39.3
16. Gross Thermal Energy Generated (MWH)	0	3,352,422	108,667,938
17. Gross Electrical Energy Generated (MWH)	0	1,160,280	35,373,875
18. Net Electrical Energy Generated (MWH)	-2,444	1,089,673	33,353,864
19. Unit Service Factor	0	31.1	76.2
20. Unit Availability Factor	0	31.1	76.3
21. Unit Capacity Factor (Using MDC Net)	0	30.7	74.2
22. Unit Capacity Factor (Using DER Net)	0	30.2	72.2
23. Unit Forced Outage Rate	0	1.1	4.6
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: September 1983
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June 1983

DOCKET NO. 50-335
 UNIT NAME St. Lucie 1
 DATE July 15, 1983
 COMPLETED BY P. L. Pace
 TELEPHONE (305) 552-3654

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
3	830226	S	720	C	4		RC	FUELXX	Unit 1 remained out of service for refueling and scheduled maintenance.

¹
 F- Forced
 S- Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)
 4- CONTINUED
 5- LOAD REDUCTION

⁴
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

⁵
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-335</u>
UNIT	<u>St. Lucie Unit 1</u>
DATE	<u>July 15, 1983</u>
COMPLETED BY	<u>P. L. Pace</u>
TELEPHONE	<u>(305) 552-3654</u>

REPORT MONTH June 1983

St. Lucie Unit 1 remained out of service for a refueling and maintenance outage.

Major safety related maintenance included:

Several boric acid heat tracing circuits were repaired or replaced.

A boric acid make up pump was rebuilt.

Inspections and requirements of IE Bulletins and NUREG-0737 are continuing.

Florida Power & Light Company commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

In accordance with requirements of NUREG-0737 Item II.K.3.3, there were no challenges to PORV or safety valves during the report month.

See correspondence between FPL and NRC for information concerning the thermal shield.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-389
 UNIT St. Lucie Unit 2
 DATE July 15, 1983
 COMPLETED BY N. W. Grant
 TELEPHONE (305) 552-3675

MONTH June 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	---
2	---
3	---
4	---
5	---
6	---
7	---
8	---
9	---
10	---
11	---
12	---
13	13
14	---
15	49
16	---

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	16
18	78
19	7
20	92
21	92
22	84
23	--
24	--
25	--
26	--
27	--
28	--
29	--
30	--
31	---

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-389
 DATE July 15, 1983
 COMPLETED BY N. W. Grant
 TELEPHONE (305) 552-3675

OPERATING STATUS

1. Unit Name: St. Lucie Unit 2
2. Reporting Period: June 1983
3. Licensed Thermal Power (MWt): 5% of 2560
4. Nameplate Rating (Gross MWe): 850
5. Design Electrical Rating (Net MWe): approximately 805
6. Maximum Dependable Capacity (Gross MWe): to be determined
7. Maximum Dependable Capacity (Net MWe): to be determined
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes Unit 2 achieved initial criticality on June 2, 1983 and initial electricity was produced on June 13, 1983.

9. Power Level To Which Restricted, If Any (Net MWe): _____
10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720		
12. Number Of Hours Reactor Was Critical	511.3		
13. Reactor Reserve Shutdown Hours	0		
14. Hours Generator On-Line	109.1		
15. Unit Reserve Shutdown Hours	0		
16. Gross Thermal Energy Generated (MWH)	75,806		
17. Gross Electrical Energy Generated (MWH)	16,850		
18. Net Electrical Energy Generated (MWH)	-1,428		
19. Unit Service Factor	15.2		
20. Unit Availability Factor	15.2		
21. Unit Capacity Factor (Using MDC Net)	0		
22. Unit Capacity Factor (Using DER Net)	0		
23. Unit Forced Outage Rate	36.1		
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
<u>5/27/83</u>	<u>6/ 2/83</u>
<u>June 1983</u>	<u>6/13/83</u>
<u>Late July 1983</u>	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June

DOCKET NO. 50-389
 UNIT NAME St. Lucie 2
 DATE July 15, 1983
 COMPLETED BY P. Pace
 TELEPHONE (305) 552-3654

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
NA	830406	NA	NA	B	NA	NA	NA	NA	Unit 2 conducted preoperational testing.
1	830614	S	13.6	B	9		NA	NA	Turbine overspeed trip test
2	830614	F	6.8	A	3		HC	HTEXCH	Reactor trip caused by condenser steam dumps failing open.
3	830615	S	29.8	B	2		NA	NA	Turbine overspeed trip test.
4	830617	F	1.1	F	3		HA	TURBIN	Turbine trip due to generator lockout.
5	830617	S	11.3	S	2		NA	NA	Reactor trip - test program.
6	830618	F	3.2	F	3		HA	TURBIN	Two turbine trips on generator lockout misadjusted switch found.
7	830618	S	0	F	5		HB	HTEXCH	Power reduction due to secondary chemistry guidelines.

¹
 F- Forced
 S- Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)
 4- CONTINUED
 5- LOAD REDUCTION

⁴
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

⁵
 Exhibit I - Same Source

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-389
 UNIT NAME St. Lucie 2
 DATE July 15, 1983
 COMPLETED BY P. Pace
 TELEPHONE (305) 552-3654

REPORT MONTH June 1983

Continued

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
8	830618	F	2.1	A	3		HA	TURBIN	Turbine trip on generator lockout.
9	830619	S	18.4	F	9		HB	HTEXCH	Above outage continued due to secondary water chemistry guidelines.
10	830620	F	14.3	A	2		HB	VALVEX	MSR intercept valve closed. Manual trip following loss of load.
11	830621	F	23.1	A	3		IA	INSTRU	Reactor tripped on miss-set low flow setpoint.
12	830622	S	173.3	B	1		HC	HTEXCH	Unit removed from service to clean condensate pump strainers. Outage extended to repair reactor coolant pump seal injection.

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)
 4- CONTINUED
 5- LOAD REDUCTION

⁴
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

⁵
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-389</u>
UNIT	<u>St. Lucie Unit 2</u>
DATE	<u>July 15, 1983</u>
COMPLETED BY	<u>P. L. Pace</u>
TELEPHONE	<u>(305) 552-3654</u>

REPORT MONTH June 1983

Unit 2 reactor declared critical June 2, 1983. Initial electricity produced on June 13, 1983.

See the Unit Shutdowns and Power Reductions report for details on unit outages.

Inspections and requirements of IE Bulletins and NUREG-0737 are continuing.

Florida Power & Light Company commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

In accordance with requirements of NUREG-0737 Item II.K.3.3., there were no challenges to PORV or safety valves during the report month.

Robert - B. PRP

USNRC
ATLANTA, GEORGIA

83 AUG 23 P1:27



August 15, 1983
PNS-LI-83-551

Director, Office of Resource Management
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Sir:

50-250/H

Attached are the July, 1983, Operating Status Reports and Operating Summary Reports for Turkey Point Units Nos. 3 and 4 and St. Lucie Units Nos. 1 and 2.

Very truly yours,

J. W. Williams, Jr.
Vice President
Nuclear Energy

JWW/NWG/mpc

Attachment

cc: J. P. O'Reilly, Region II

8309080172

OFFICIAL COPY
83-135

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250
 UNIT Turkey Point Unit
 DATE 8/15/83 #3
 COMPLETED BY N. W. Grant
 TELEPHONE (305) 552-3675

MONTH July, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	667
2	670
3	669
4	671
5	670
6	667
7	669
8	672
9	675
10	674
11	673
12	673
13	676
14	676
15	674
16	671

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	671
18	665
19	663
20	666
21	668
22	665
23	664
24	660
25	656
26	655
27	655
28	662
29	662
30	613
31	486

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-250
DATE 8/15/83
COMPLETED BY N. W. Grant
TELEPHONE (305) 552-3675

OPERATING STATUS

1. Unit Name: Turkey Point Unit 3
2. Reporting Period: July, 1983
3. Licensed Thermal Power (MWt): 2200
4. Nameplate Rating (Gross MWe): 760
5. Design Electrical Rating (Net MWe): 693
6. Maximum Dependable Capacity (Gross MWe): 700
7. Maximum Dependable Capacity (Net MWe): 666
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes Unit 3 operated at essentially full power except for a power reduction as discussed in the Unit Shutdown Report.

9. Power Level To Which Restricted, If Any (Net MWe): _____
10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>5,087</u>	<u>93,392.6</u>
12. Number Of Hours Reactor Was Critical	<u>744.0</u>	<u>5,039.7</u>	<u>65,840</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>844.4</u>
14. Hours Generator On-Line	<u>744.0</u>	<u>4,955.0</u>	<u>64,460.1</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>121.8</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,627,091</u>	<u>10,866,725</u>	<u>132,284,637</u>
17. Gross Electrical Energy Generated (MWH)	<u>516,160</u>	<u>3,535,925</u>	<u>42,197,915</u>
18. Net Electrical Energy Generated (MWH)	<u>491,484</u>	<u>3,370,028</u>	<u>39,957,580</u>
19. Unit Service Factor	<u>100.0</u>	<u>97.4</u>	<u>69.0</u>
20. Unit Availability Factor	<u>100.0</u>	<u>97.4</u>	<u>69.2</u>
21. Unit Capacity Factor (Using MDC Net)	<u>99.2</u>	<u>101.5</u>	<u>66.2</u>
22. Unit Capacity Factor (Using DER Net)	<u>95.3</u>	<u>95.6</u>	<u>61.7</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>2.1</u>	<u>5.4</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):	<u>Refueling, October, 1983, 2 months</u>		

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-250
 UNIT NAME Turkey Point #3
 DATE 8/15/83
 COMPLETED BY N. W. Grant
 TELEPHONE (305) 552-3675

REPORT MONTH July, 1983

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
8	830730	F	0.0	A	5		HA	HTEXCH	Power was reduced for repairs to the turbine cooling water heat exchanger. The unit then returned to full power.

1
 F: Forced
 S: Scheduled

2
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

3
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)

4- CONTINUED
 5- LOAD REDUCTION

4
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

5
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-250</u>
UNIT	<u>Turkey Point 3</u>
DATE	<u>August 15, 1983</u>
COMPLETED BY	<u>P. L. Pace</u>
TELEPHONE	<u>(305) 552-3654</u>

REPORT MONTH July, 1983

Unit 3 operated at essentially full power for the entire month.

Major safety related maintenance activities included:

An area radiation monitor detector was replaced.

A leak on a charging system valve weld was repaired.

The B charging pump was overhauled and all valves replaced.

Inspections and requirements of IE Bulletins and NUREG-0737 are continuing.

Florida Power & Light Company commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-251
 UNIT Turkey Point Unit #4
 DATE 8/15/83
 COMPLETED BY N. W. Grant
 TELEPHONE (305) 552-3675

MONTH July, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>665</u>
2	<u>665</u>
3	<u>667</u>
4	<u>668</u>
5	<u>379</u>
6	<u>664</u>
7	<u>667</u>
8	<u>675</u>
9	<u>677</u>
10	<u>677</u>
11	<u>671</u>
12	<u>674</u>
13	<u>677</u>
14	<u>667</u>
15	<u>653</u>
16	<u>652</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>652</u>
18	<u>655</u>
19	<u>662</u>
20	<u>666</u>
21	<u>665</u>
22	<u>664</u>
23	<u>666</u>
24	<u>653</u>
25	<u>658</u>
26	<u>657</u>
27	<u>660</u>
28	<u>667</u>
29	<u>667</u>
30	<u>667</u>
31	<u>668</u>

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-251
 DATE 8/15/83
 COMPLETED BY N. W. Grant
 TELEPHONE (305) 552-3675

OPERATING STATUS

1. Unit Name: Turkey Point 4
2. Reporting Period: July, 1983
3. Licensed Thermal Power (MWt): 2200
4. Nameplate Rating (Gross MWe): 760
5. Design Electrical Rating (Net MWe): 693
6. Maximum Dependable Capacity (Gross MWe): 700
7. Maximum Dependable Capacity (Net MWe): 666
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes Unit 4 operated at essentially full power except as noted in the Unit Shutdowns and Power Reductions Report.

9. Power Level To Which Restricted, If Any (Net MWe):
10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	5,087	87,120
12. Number Of Hours Reactor Was Critical	740.0	1,847.3	61,702.6
13. Reactor Reserve Shutdown Hours	0	0	166.6
14. Hours Generator On-Line	736.9	1,670.1	59,566.1
15. Unit Reserve Shutdown Hours	0	0	31.2
16. Gross Thermal Energy Generated (MWH)	1,610,351	3,495,131	125,413,375
17. Gross Electrical Energy Generated (MWH)	512,880	1,103,380	39,878,892
18. Net Electrical Energy Generated (MWH)	488,067	1,042,038	37,767,211
19. Unit Service Factor	99.0	32.8	68.4
20. Unit Availability Factor	99.0	32.8	68.4
21. Unit Capacity Factor (Using MDC Net)	98.5	31.4	67.1
22. Unit Capacity Factor (Using DER Net)	94.7	29.6	62.6
23. Unit Forced Outage Rate	1.0	7.6	4.0
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup:
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July, 1983

DOCKET NO. 50-251
 UNIT NAME Turkey Point #4
 DATE 8/15/83
 COMPLETED BY N. W. Grant
 TELEPHONE (305) 552-3675

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
12	830705	F	7.1	A	1	250-83-10	SF	ACCUMU	Unit removed from service as required by Technical Specifications due to low pressure in accumulator. Unit then returned to service.

1
 F: Forced
 S: Scheduled

(9/77)

2
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

3
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)
 4- CONTINUED
 5- LOAD REDUCTION

4
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

5
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-251

UNIT Turkey Point 4

DATE August 15, 1983

COMPLETED BY P. L. Pace

TELEPHONE (305) 552-3654

REPORT MONTH July, 1983

Unit 4 operated at power except as noted in the Unit Shutdowns Report.

Other major safety related maintenance activities included:

A boric acid heat tracing circuit was repaired.

An accumulator nitrogen vent valve was replaced.

Inspections and requirements of IE Bulletins and NUREG-0737 are continuing.

Florida Power & Light Company Commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335

UNIT St. Lucie Unit #1

DATE 8/15/83

COMPLETED BY N. W. Grant

TELEPHONE (305) 552-3675

MONTH July, 1983

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	---		

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-335
 DATE 8/15/83
 COMPLETED BY N.W. Grant
 TELEPHONE (305) 552-3675

OPERATING STATUS

1. Unit Name: St. Lucie Unit 1
2. Reporting Period: July, 1983
3. Licensed Thermal Power (MWt): 2700
4. Nameplate Rating (Gross MWe): 890
5. Design Electrical Rating (Net MWe): 830
6. Maximum Dependable Capacity (Gross MWe): 867
7. Maximum Dependable Capacity (Net MWe): 822
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes Unit remained out of service for refueling and scheduled maintenance.

9. Power Level To Which Restricted, If Any (Net MWe):
10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	5,087	57,935
12. Number Of Hours Reactor Was Critical	0	1,366.9	44,466.1
13. Reactor Reserve Shutdown Hours	0	0	205.3
14. Hours Generator On-Line	0	1,350.9	43,576.2
15. Unit Reserve Shutdown Hours	0	0	39.3
16. Gross Thermal Energy Generated (MWH)	0	3,352,422	108,667,938
17. Gross Electrical Energy Generated (MWH)	0	1,160,280	35,373,875
18. Net Electrical Energy Generated (MWH)	-3,204	1,086,469	33,350,660
19. Unit Service Factor	0	26.6	75.2
20. Unit Availability Factor	0	26.6	75.3
21. Unit Capacity Factor (Using MDC Net)	0	26.1	73.2
22. Unit Capacity Factor (Using DER Net)	0	25.7	71.2
23. Unit Forced Outage Rate	0	1.1	4.6
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: October, 1983
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July, 1983

DOCKET NO. 50-335
 UNIT NAME St. Lucie #1
 DATE 8/15/83
 COMPLETED BY N. W. Grant
 TELEPHONE (305) 552-3675

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
3	830226	S	720	C	4		RC	FUELXX	Unit 1 remaining out of service for refueling and scheduled maintenance.

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)
 4- CONTINUED
 5- LOAD REDUCTION

⁴
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

⁵
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-335</u>
UNIT	<u>St. Lucie Unit 1</u>
DATE	<u>August 15, 1983</u>
COMPLETED BY	<u>P. L. Pace</u>
TELEPHONE	<u>(305) 552-3654</u>

REPORT MONTH July, 1983

St. Lucie Unit 1 remained out of service for a refueling and maintenance outage.

Major safety related maintenance included:

A containment spray valve was repaired.

A boric acid heat tracing circuit was repaired.

The power supply to an area radiation monitor was repaired.

Inspections and requirements of IE Bulleting and NUREG-0737 are continuing.

Florida Power & Light Company commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

In accordance with requirements of NUREG-0737 Item II.K.3.3, there were no challenges to PORV or safety valves during the report month.

See correspondence between FPL and NRC for information concerning the thermal shield.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-389
 UNIT St. Lucie Unit #2
 DATE 8/15/83
 COMPLETED BY N. W. Grant
 TELEPHONE (305) 552-3675

MONTH July, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	---
2	---
3	---
4	---
5	---
6	---
7	---
8	---
9	---
10	---
11	---
12	---
13	84
14	265
15	362
16	366

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	365
18	364
19	378
20	595
21	645
22	644
23	651
24	638
25	63
26	---
27	---
28	---
29	391
30	394
31	709

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-389
DATE 8/15/83
COMPLETED BY N. W. Grant
TELEPHONE (305) 552-3675

OPERATING STATUS

1. Unit Name: St. Lucie Unit 2
2. Reporting Period: July, 1983
3. Licensed Thermal Power (MWt): 2,560
4. Nameplate Rating (Gross MWe): 850
5. Design Electrical Rating (Net MWe): Approximately 802
6. Maximum Dependable Capacity (Gross MWe): to be determined
7. Maximum Dependable Capacity (Net MWe): to be determined
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes Unit 2 continued power ascension testing.

9. Power Level To Which Restricted, If Any (Net MWe): _____

10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744		
12. Number Of Hours Reactor Was Critical	393.7		
13. Reactor Reserve Shutdown Hours	0		
14. Hours Generator On-Line	361.1		
15. Unit Reserve Shutdown Hours	0		
16. Gross Thermal Energy Generated (MWH)	545,984		
17. Gross Electrical Energy Generated (MWH)	181,880		
18. Net Electrical Energy Generated (MWH)	161,494		
19. Unit Service Factor	48.5		
20. Unit Availability Factor	48.5		
21. Unit Capacity Factor (Using MDC Net)	NA		
22. Unit Capacity Factor (Using DER Net)	NA		
23. Unit Forced Outage Rate	9.5		
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____

26. Units In Test Status (Prior to Commercial Operation):

Forecast

Achieved

INITIAL CRITICALITY

5/27/83

6/2/83

INITIAL ELECTRICITY

6/83

6/13/83

COMMERCIAL OPERATION

Late July, 1983

8/8/83

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July, 1983

DOCKET NO. 50-389
 UNIT NAME St. Lucie #2
 DATE 8/15/83
 COMPLETED BY N. W. Grant
 TELEPHONE (305) 552-3675

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
12	830622	S	298.9	B	4		HC	HTEXCH	Unit removed from service to clean condensate pump strainers. Outage extended to repair reactor coolant pump seal injection.
13	830725	S	28.0	B	3		XX	XXXXXX	Conducted unit trip for power ascension testing. Unit remained off line for other testing and maintenance.
14	830726	F	3.7	A	3		HA	TURBIN	Unit tripped on high steam generator level. Unit returned to service.
15	830726	F	34.1	A	3		EG	INSTRU	Unit trip due to loss of a power panel. Outage extended for repair of condenser tube.
16	830728	S	18.3	B	2		XX	XXXXXX	Unit tripped for power ascension test.

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)
 4- CONTINUED
 5- LOAD REDUCTION

⁴
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

⁵
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-389</u>
UNIT	<u>St. Lucie Unit 2</u>
DATE	<u>August 15, 1983</u>
COMPLETED BY	<u>P. L. Pace</u>
TELEPHONE	<u>(305) 552-3654</u>

REPORT MONTH July 1983

Unit 2 conducted power ascension testing during the month.

See the Unit Shutdowns and Power Reductions report for details on unit outages.

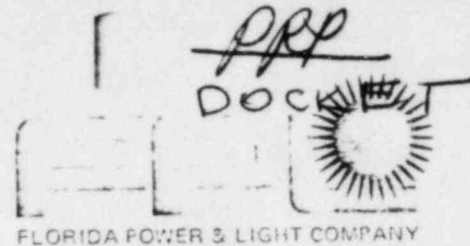
Inspections and requirements of IE Bulletins and NUREG-0737 are continuing.

Florida Power & Light Company commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

In accordance with requirements of NUREG-0737 Item II.K.3.3., there were no challenges to PORV or safety valves during the report month.

USNRC REGION II
ATLANTA, FLORIDA

83 SEP 19 P2:06



September 15, 1983
PNS-LI-83-611

50-250/H

Director, Office of Resource Management
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Sir:

Attached are the August 1983 Operating Status Reports and Operating Summary Reports for Turkey Point Units No. 3 and 4 and St. Lucie Units No. 1 and 2.

Very truly yours,

J. W. Williams, Jr.
for J. W. Williams, Jr.
Vice President
Nuclear Energy

JWW/NWG/js

Attachment

cc: J. P. O'Reilly, Region II

8310190023

OFFICIAL COPY
83-164

PEOPLE...SERVING PEOPLE

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250

UNIT Turkey Point Unit 3

DATE 9-15-83

COMPLETED BY N. W. Grant

TELEPHONE (305) 552-3675

MONTH August 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>665</u>
2	<u>669</u>
3	<u>662</u>
4	<u>663</u>
5	<u>666</u>
6	<u>666</u>
7	<u>667</u>
8	<u>664</u>
9	<u>665</u>
10	<u>667</u>
11	<u>662</u>
12	<u>661</u>
13	<u>667</u>
14	<u>663</u>
15	<u>663</u>
16	<u>664</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>665</u>
18	<u>663</u>
19	<u>665</u>
20	<u>660</u>
21	<u>659</u>
22	<u>662</u>
23	<u>661</u>
24	<u>604</u>
25	<u>579</u>
26	<u>661</u>
27	<u>661</u>
28	<u>658</u>
29	<u>661</u>
30	<u>662</u>
31	<u>660</u>

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-250
 DATE 9-15-83
 COMPLETED BY N. W. Grant
 TELEPHONE (305) 552-3675

OPERATING STATUS

1. Unit Name: Turkey Point 3
2. Reporting Period: August 1983
3. Licensed Thermal Power (MWt): 2200
4. Nameplate Rating (Gross MWe): 760
5. Design Electrical Rating (Net MWe): 693
6. Maximum Dependable Capacity (Gross MWe): 700
7. Maximum Dependable Capacity (Net MWe): 666
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

Unit #3 operated at essentially full power.

9. Power Level To Which Restricted, If Any (Net MWe):
10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	5,831	94,136.6
12. Number Of Hours Reactor Was Critical	744.0	5,783.7	65,584.0
13. Reactor Reserve Shutdown Hours	0	0	844.4
14. Hours Generator On-Line	744.0	5,699.0	65,204.1
15. Unit Reserve Shutdown Hours	0	0	121.8
16. Gross Thermal Energy Generated (MWH)	1,631,788	12,498,513	133,916,425
17. Gross Electrical Energy Generated (MWH)	514,740	4,050,665	42,712,655
18. Net Electrical Energy Generated (MWH)	489,983	3,860,011	40,447,563
19. Unit Service Factor	100	97.7	69.3
20. Unit Availability Factor	100	97.7	69.4
21. Unit Capacity Factor (Using MDC Net)	98.9	101.2	66.5
22. Unit Capacity Factor (Using DER Net)	95.0	95.5	62.0
23. Unit Forced Outage Rate	0	1.8	5.4

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

Refueling, October 1983 2 months

25. If Shut Down At End Of Report Period, Estimated Date of Startup:
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August 1983

DOCKET NO. 50-250
 UNIT NAME Turkey Point ³
 DATE 9-15-83
 COMPLETED BY P. Pace
 TELEPHONE (305) 552-3654

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
									No unit shutdowns or significant power reductions.

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)
 4- CONTINUED
 5- LOAD REDUCTION

⁴
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

⁵
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-250
UNIT Turkey Point 3
DATE September 15, 1983
COMPLETED BY P. L. Pace
TELEPHONE (305) 552-3654

REPORT MONTH August 1983

Unit 3 operated at essentially full power for the entire month.

Major safety related maintenance activities included:

A primary sample valve was replaced.

A boric acid transfer pump was repaired.

The charging pumps were overhauled.

Inspections and requirements of IE Bulletins and NUREG-0737 are continuing.

Florida Power & Light Company commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-251

UNIT Turkey Point Unit 4

DATE 9-15-83

COMPLETED BY N. W. Grant

TELEPHONE (305) 552-3675

MONTH August 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	662
2	665
3	82
4	657
5	668
6	494
7	---
8	---
9	---
10	---
11	---
12	---
13	---
14	---
15	---
16	---

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	---
18	---
19	---
20	---
21	105
22	584
23	666
24	669
25	668
26	670
27	670
28	597
29	668
30	669
31	667

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-251
DATE 9-15-83
COMPLETED BY N. W. Grant
TELEPHONE (305) 552-3675

OPERATING STATUS

1. Unit Name: Turkey Point #4
2. Reporting Period: August 1983
3. Licensed Thermal Power (MWt): 2200
4. Nameplate Rating (Gross MWe): 760
5. Design Electrical Rating (Net MWe): 693
6. Maximum Dependable Capacity (Gross MWe): 700
7. Maximum Dependable Capacity (Net MWe): 666
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

Unit #4 operated at essentially full power except as noted in the Unit Shutdowns and Power Reductions Report.

9. Power Level To Which Restricted, If Any (Net MWe):

10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	5,831	87,864
12. Number Of Hours Reactor Was Critical	389.7	2,237	62,092.3
13. Reactor Reserve Shutdown Hours	0	0	168.6
14. Hours Generator On-Line	373.7	2,043.8	59,939.8
15. Unit Reserve Shutdown Hours	0	0	31.2
16. Gross Thermal Energy Generated (MWH)	786,125	4,281,256	126,199,500
17. Gross Electrical Energy Generated (MWH)	249,769	1,353,149	40,128,661
18. Net Electrical Energy Generated (MWH)	232,928	1,274,966	38,000,139
19. Unit Service Factor	50.2	35.1	68.2
20. Unit Availability Factor	50.2	35.1	68.3
21. Unit Capacity Factor (Using MDC Net)	47.0	33.4	66.9
22. Unit Capacity Factor (Using DER Net)	45.2	31.6	62.4
23. Unit Forced Outage Rate	6.1	7.4	4.0
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup:

26. Units In Test Status (Prior to Commercial Operation):

Forecast

Achieved

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August 1983

DOCKET NO. 50-251
 UNIT NAME Turkey Point 4
 DATE 9-15-83
 COMPLETED BY P. Pace
 TELEPHONE (305) 552-3654

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
	830803	F	19.0	A	3		CH	PUMPXX	Unit tripped following a trip of a condensate pump. The pump was repaired and the unit returned to service.
	830806	F	0	A	5		RB	CONROD	Power reduced due to a dropped rod.
	830806	s	346.3	B	1		XX	XXXXXX	Unit removed from service for repairs of primary and secondary systems.
	830821	F	4.0	H	2		HA	TURBIN	Unit manually tripped following spurious loss of load indication
	830828	F	1.1	A	3		EB	ELECON	Unit tripped as a result of an inverter malfunction. Unit returned to service.

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)
 4- CONTINUED
 5- LOAD REDUCTION

⁴
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

⁵
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-251</u>
UNIT	<u>Turkey Point 4</u>
DATE	<u>September 15, 1983</u>
COMPLETED BY	<u>P. L. Pace</u>
TELEPHONE	<u>(305) 552-3654</u>

REPORT MONTH August 1983

Unit 4 operated at power except as noted in the Unit Shutdowns Report.

Other major safety related maintenance activities included:

A DC static inverter was replaced.

A control rod that had dropped was recovered.

An incore detector was replaced.

Two charging pumps were overhauled.

A motor operated pressurizer control valve was overhauled.

A process radiation monitor and an area radiation monitor were repaired.

A rod position indication indicator was replaced.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335
 UNIT St. Lucie Unit 1
 DATE 9-15-83
 COMPLETED BY N. W. Grant
 TELEPHONE (305) 552-3675

MONTH August 1983

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	---

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-335
 DATE 9-15-83
 COMPLETED BY N. W. Grant
 TELEPHONE (305) 552-3675

OPERATING STATUS

1. Unit Name: St. Lucie Unit #1
2. Reporting Period: August 1983
3. Licensed Thermal Power (MWt): 2700
4. Nameplate Rating (Gross MWe): 890
5. Design Electrical Rating (Net MWe): 830
6. Maximum Dependable Capacity (Gross MWe): 867
7. Maximum Dependable Capacity (Net MWe): 822
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

Unit 1 remained out of service for refueling and scheduled maintenance.

9. Power Level To Which Restricted, If Any (Net MWe):

10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	5,831	58,679
12. Number Of Hours Reactor Was Critical	0	1,366.9	44,466.1
13. Reactor Reserve Shutdown Hours	0	0	205.3
14. Hours Generator On-Line	0	1,350.9	43,576.2
15. Unit Reserve Shutdown Hours	0	0	39.3
16. Gross Thermal Energy Generated (MWH)	0	3,352,422	108,667,938
17. Gross Electrical Energy Generated (MWH)	0	1,160,280	35,373,875
18. Net Electrical Energy Generated (MWH)	-3,764	1,082,705	33,346,896
19. Unit Service Factor	0	23.2	74.2
20. Unit Availability Factor	0	23.2	74.3
21. Unit Capacity Factor (Using MDC Net)	0	22.7	72.3
22. Unit Capacity Factor (Using DER Net)	0	22.4	70.3
23. Unit Forced Outage Rate	0	1.1	4.6
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: November 19, 1983

26. Units In Test Status (Prior to Commercial Operation):

Forecast Achieved

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August 1983

DOCKET NO. 50-335
 UNIT NAME St. Lucie #1
 DATE 9-15-83
 COMPLETED BY N. W. Grant
 TELEPHONE (305) 552-3675

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
3	830226	S	744	C	4		RC	FUELXX	Unit 1 remaining out of service for refueling and scheduled maintenance.

1
 F: Forced
 S: Scheduled

2
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

3
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)
 4- CONTINUED
 5- LOAD REDUCTION

4
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

5
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-335</u>
UNIT	<u>St. Lucie Unit 1</u>
DATE	<u>September 15, 1983</u>
COMPLETED BY	<u>P. L. Pace</u>
TELEPHONE	<u>(305) 552-3654</u>

REPORT MONTH August 1983

St. Lucie Unit 1 remained out of service for a refueling and maintenance outage.

Major safety related maintenance included:

- A 120-140VDC battery was replaced.

- An area radiation monitor power supply was replaced.

- A volume control tank valve was repaired.

- A containment spray control valve indication was repaired.

Inspections and requirements of IE Bulletin and NUREG-0737 are continuing.

Florida Power & Light Company commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

In accordance with requirements of NUREG-0737 Item II.K.3.3, there were no challenges to PORV or safety valves during the report month.

See correspondence between FPL and NRC for information concerning the thermal shield.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-389

UNIT St. Lucie Unit 2

DATE 9-15-83

COMPLETED BY N. W. Grant

TELEPHONE (305)552-3675

MONTH August 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>777</u>
2	<u>802</u>
3	<u>740</u>
4	<u>10</u>
5	<u>777</u>
6	<u>808</u>
7	<u>811</u>
8	<u>805</u>
9	<u>804</u>
10	<u>808</u>
11	<u>809</u>
12	<u>814</u>
13	<u>814</u>
14	<u>815</u>
15	<u>808</u>
16	<u>810</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>811</u>
18	<u>811</u>
19	<u>810</u>
20	<u>810</u>
21	<u>811</u>
22	<u>804</u>
23	<u>808</u>
24	<u>806</u>
25	<u>809</u>
26	<u>812</u>
27	<u>808</u>
28	<u>808</u>
29	<u>805</u>
30	<u>813</u>
31	<u>815</u>

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August 1983

DOCKET NO. 50-389
 UNIT NAME St. Lucie 2
 DATE 9-15-83
 COMPLETED BY P. Pace
 TELEPHONE (305) 552-3654

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
NA*	830803	F	11.1	A	1		CB	PUMPXX	Unit removed from service to investigate and repair oil leakage from a reactor coolant pump.
NA*	830804	F	8.9	H	1		ID	INSTRU	Unit removed from service while returning to power due to axial shape index limits.
									*unit not commercial until 8-8-83

1
 F: Forced
 S: Scheduled

2
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

3
 Method:
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 2-Manual Scram.
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 4- CONTINUED
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 for Preparation of Data
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 0161)

5
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-389</u>
UNIT	<u>St. Lucie Unit 2</u>
DATE	<u>September 15, 1983</u>
COMPLETED BY	<u>P. L. Pace</u>
TELEPHONE	<u>(305) 552-3654</u>

REPORT MONTH August 1983

Unit 2 declared commercial August 8, 1983.

See the Unit Shutdowns and Power Reductions report for details on unit outages.

Major safety related maintenance included:

A reactor incore instrumentation amplifier was replaced.

An area radiation monitor was repaired.

Inspections and requirements of IE Bulletins and NUREG-0737 are continuing.

Florida Power & Light Company commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

In accordance with requirements of Technical Specification 6.9.1.6, there were no challenges to PORV or safety valves during the report month.

OPERATING DATA REPORT

DOCKET NO. 50-389
 DATE 9-15-83
 COMPLETED BY N. W. Grant
 TELEPHONE (305) 552-3675

OPERATING STATUS

1. Unit Name: St. Lucie Unit #2
2. Reporting Period: August 1983
3. Licensed Thermal Power (MWt): 2,560
4. Nameplate Rating (Gross MWe): 850
5. Design Electrical Rating (Net MWe): 804
6. Maximum Dependable Capacity (Gross MWe): 832
7. Maximum Dependable Capacity (Net MWe): 786
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

Unit 2 commenced commercial operation on August 8, 1983.

9. Power Level To Which Restricted, If Any (Net MWe):

10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date *	Cumulative*
11. Hours In Reporting Period	744	576	576
12. Number Of Hours Reactor Was Critical	744	576	576
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	724.0	576.0	576.0
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,837,085	1,473,160	1,473,160
17. Gross Electrical Energy Generated (MWH)	612,590	491,990	491,990
18. Net Electrical Energy Generated (MWH)	579,657	466,280	466,280
19. Unit Service Factor	97.3	100.0	100.0
20. Unit Availability Factor	97.3	100.0	100.0
21. Unit Capacity Factor (Using MDC Net)	99.1	103.0	103.0
22. Unit Capacity Factor (Using DER Net)	96.9	100.7	100.7
23. Unit Forced Outage Rate	0	0	0
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup:

26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast

Achieved

5-27-83

6-2-83

6 -83

6-13-83

Late July 1983

8-8-83

*These columns contain data from date of commercial operation only.

61 let
Feb PRP



03 NOV 7 AIO: 38

October 17, 1983
PNS-LI-83-668

Director, Office of Resource Management
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

50-250/H

Dear Sir:

Attached are the September 1983 Operating Status Reports and Operating Summary Reports for Turkey Point Units No. 3 and 4 and St. Lucie Units No. 1 and 2.

Very truly yours,

J. W. Williams, Jr.
Vice President
Nuclear Energy Department

JWW/NWG/js

Attachment

cc: J. P. O'Reilly, Region II

83-196

8311170284

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250
 UNIT Turkey Point Unit 3
 DATE 10-15-83
 COMPLETED BY N. W. Grant
 TELEPHONE 305/552-3675

MONTH September 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>666</u>
2	<u>674</u>
3	<u>670</u>
4	<u>665</u>
5	<u>663</u>
6	<u>661</u>
7	<u>666</u>
8	<u>669</u>
9	<u>666</u>
10	<u>665</u>
11	<u>241</u>
12	<u>303</u>
13	<u>656</u>
14	<u>662</u>
15	<u>664</u>
16	<u>660</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>659</u>
18	<u>664</u>
19	<u>668</u>
20	<u>667</u>
21	<u>663</u>
22	<u>663</u>
23	<u>659</u>
24	<u>667</u>
25	<u>674</u>
26	<u>681</u>
27	<u>681</u>
28	<u>682</u>
29	<u>679</u>
30	<u>676</u>
31	<u></u>

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-250
DATE 10-15-83
COMPLETED BY N. W. Grant
TELEPHONE 305/552-3675

OPERATING STATUS

1. Unit Name: Turkey Point Unit #3
2. Reporting Period: September 1983
3. Licensed Thermal Power (MWt): 2200
4. Nameplate Rating (Gross MWe): 760
5. Design Electrical Rating (Net MWe): 693
6. Maximum Dependable Capacity (Gross MWe): 700
7. Maximum Dependable Capacity (Net MWe): 666
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

Unit #3 operated at essentially full power except as noted in the Unit Shutdowns and Power Reductions Report.

9. Power Level To Which Restricted, If Any (Net MWe): _____
10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>720</u>	<u>6,551</u>	<u>94,856.6</u>
12. Number Of Hours Reactor Was Critical	<u>699.3</u>	<u>6,483.0</u>	<u>66,283.3</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>844.4</u>
14. Hours Generator On-Line	<u>695.1</u>	<u>6,394.1</u>	<u>65,899.2</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>121.8</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,531,474</u>	<u>14,029,987</u>	<u>135,447,899</u>
17. Gross Electrical Energy Generated (MWH)	<u>485,425</u>	<u>4,536,090</u>	<u>43,198,080</u>
18. Net Electrical Energy Generated (MWH)	<u>461,605</u>	<u>4,321,616</u>	<u>40,909,168</u>
19. Unit Service Factor	<u>96.5</u>	<u>97.6</u>	<u>69.5</u>
20. Unit Availability Factor	<u>96.5</u>	<u>97.6</u>	<u>69.6</u>
21. Unit Capacity Factor (Using MDC Net)	<u>96.3</u>	<u>100.6</u>	<u>66.7</u>
22. Unit Capacity Factor (Using DER Net)	<u>92.5</u>	<u>95.2</u>	<u>62.2</u>
23. Unit Forced Outage Rate	<u>3.5</u>	<u>2.0</u>	<u>5.4</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

Refueling, October 1, 1983, 2 months

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____

26. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY	<u> </u>	<u> </u>
INITIAL ELECTRICITY	<u> </u>	<u> </u>
COMMERCIAL OPERATION	<u> </u>	<u> </u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH September 1983

DOCKET NO. 50-250
 UNIT NAME Turkey Point Unit 3
 DATE 10-15-83
 COMPLETED BY N. W. Grant
 TELEPHONE 305/552-3675

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
9	830911	F	24.9	A	1	250-83-15	EG	HEATER	Unit removed from service for repairs to heat tracing circuits.

¹
 F- Forced
 S- Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)
 4- CONTINUED
 5- LOAD REDUCTION

⁴
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

⁵
 Exhibit I - Same Source

(9/77)l

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-250</u>
UNIT	<u>Turkey Point 3</u>
DATE	<u>October 17, 1983</u>
COMPLETED BY	<u>P. L. Pace</u>
TELEPHONE	<u>305/552-3654</u>

REPORT MONTH September 1983

Unit 3 operated at essentially full power except for a brief outage as discussed in the Unit Shutdowns and Power Reductions Report.

Major safety related maintenance activities included:

Two boric acid heat tracing circuits were repaired.

Two charging pumps were overhauled.

Inspections and requirements of IE Bulletins and NUREG-0737 are continuing.

Florida Power & Light Company commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-251

UNIT Turkey Point Unit 4

DATE 10-15-83

COMPLETED BY N. W. Grant

TELEPHONE 305/552-3675

MONTH September 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>684</u>
2	<u>678</u>
3	<u>675</u>
4	<u>669</u>
5	<u>668</u>
6	<u>665</u>
7	<u>669</u>
8	<u>671</u>
9	<u>669</u>
10	<u>669</u>
11	<u>671</u>
12	<u>667</u>
13	<u>669</u>
14	<u>667</u>
15	<u>668</u>
16	<u>669</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>632</u>
18	<u>670</u>
19	<u>675</u>
20	<u>672</u>
21	<u>671</u>
22	<u>671</u>
23	<u>667</u>
24	<u>674</u>
25	<u>684</u>
26	<u>688</u>
27	<u>685</u>
28	<u>686</u>
29	<u>685</u>
30	<u>684</u>
31	<u> </u>

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-251
 DATE 10-15-83
 COMPLETED BY N.W. Grant
 TELEPHONE 305/552-3675

OPERATING STATUS

1. Unit Name: Turkey Point Unit #4
2. Reporting Period: September 1983
3. Licensed Thermal Power (MWt): 2200
4. Nameplate Rating (Gross MWe): 760
5. Design Electrical Rating (Net MWe): 693
6. Maximum Dependable Capacity (Gross MWe): 700
7. Maximum Dependable Capacity (Net MWe): 666
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

Unit #4 operated at essentially full power.

9. Power Level To Which Restricted, If Any (Net MWe): _____
10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>720</u>	<u>6,551</u>	<u>88,584</u>
12. Number Of Hours Reactor Was Critical	<u>720.0</u>	<u>2,957.0</u>	<u>62,812.3</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>166.6</u>
14. Hours Generator On-Line	<u>720.0</u>	<u>2,763.8</u>	<u>60,659.8</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>31.2</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,586,389</u>	<u>5,867,645</u>	<u>127,785,889</u>
17. Gross Electrical Energy Generated (MWH)	<u>508,121</u>	<u>1,861,270</u>	<u>40,636,782</u>
18. Net Electrical Energy Generated (MWH)	<u>484,140</u>	<u>1,759,106</u>	<u>38,484,279</u>
19. Unit Service Factor	<u>100</u>	<u>42.2</u>	<u>68.5</u>
20. Unit Availability Factor	<u>100</u>	<u>42.2</u>	<u>68.5</u>
21. Unit Capacity Factor (Using MDC Net)	<u>101.0</u>	<u>41.0</u>	<u>67.2</u>
22. Unit Capacity Factor (Using DER Net)	<u>97.0</u>	<u>38.7</u>	<u>62.7</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>5.5</u>	<u>4.0</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____
 26. Units In Test Status (Prior to Commercial Operation):
- | | Forecast | Achieved |
|----------------------|----------|----------|
| INITIAL CRITICALITY | _____ | _____ |
| INITIAL ELECTRICITY | _____ | _____ |
| COMMERCIAL OPERATION | _____ | _____ |

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH September 1983

DOCKET NO. 50-251
 UNIT NAME Turkey Point 4
 DATE 10-15-83
 COMPLETED BY N.W. Grant
 TELEPHONE (305) 552-3675

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
									There were no shutdowns or significant power reductions below 80 percent of the average daily power level.

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)
 4- CONTINUED
 5- LOAD REDUCTION

⁴
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

⁵
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-251</u>
UNIT	<u>Turkey Point 4</u>
DATE	<u>October 17, 1983</u>
COMPLETED BY	<u>P. L. Pace</u>
TELEPHONE	<u>305/552-3654</u>

REPORT MONTH September 1983

Unit 4 operated at power with no outages or significant power reductions.

Major safety related maintenance activities included:

Two charging pumps were overhauled.

A steam generator level instrument power supply was replaced.

Inspections and requirements of IE Bulletins and NUREG-0737 are continuing.

Florida Power & Light Company commitments to NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335
 UNIT St. Lucie Unit 1
 DATE 10-15-83
 COMPLETED BY N. W. Grant
 TELEPHONE 305/552-3675

MONTH September 1983

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	---		

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-335
 DATE 10-15-83
 COMPLETED BY N.W. Grant
 TELEPHONE 305/552-3675

OPERATING STATUS

1. Unit Name: St. Lucie Unit #1
2. Reporting Period: September 1983
3. Licensed Thermal Power (MWt): 2700
4. Nameplate Rating (Gross MWe): 890
5. Design Electrical Rating (Net MWe): 830
6. Maximum Dependable Capacity (Gross MWe): 867
7. Maximum Dependable Capacity (Net MWe): 822
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

Unit #1 Remained out of service for refueling and scheduled maintenance.

9. Power Level To Which Restricted, If Any (Net MWe):
10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720	6,551	59,399
12. Number Of Hours Reactor Was Critical	0	1,366.9	44,466.1
13. Reactor Reserve Shutdown Hours	0	0	205.3
14. Hours Generator On-Line	0	1,350.9	43,576.2
15. Unit Reserve Shutdown Hours	0	0	39.3
16. Gross Thermal Energy Generated (MWH)	0	3,352,422	108,667,938
17. Gross Electrical Energy Generated (MWH)	0	1,160,280	35,373,875
18. Net Electrical Energy Generated (MWH)	-3,254	1,079,451	33,343,642
19. Unit Service Factor	0	20.6	73.4
20. Unit Availability Factor	0	20.6	73.4
21. Unit Capacity Factor (Using MDC Net)	0	20.1	71.3
22. Unit Capacity Factor (Using DER Net)	0	19.9	69.4
23. Unit Forced Outage Rate	0	1.1	4.6
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: Jan-Feb 1984

26. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY	---	---
INITIAL ELECTRICITY	---	---
COMMERCIAL OPERATION	---	---

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH September 1983

DOCKET NO. 50-335
 UNIT NAME St. Lucie #1
 DATE 10-15-83
 COMPLETED BY N. W. Grant
 TELEPHONE 305/552-3675

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
3	830226	S	720	C	4		RC	FUELXX	Unit 1 remained out of service for refueling and scheduled maintenance.

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)
 4- CONTINUED
 5- LOAD REDUCTION

⁴
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

⁵
 Exhibit I - Same Source

(9/77)

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-335</u>
UNIT	<u>St. Lucie Unit 1</u>
DATE	<u>October 17, 1983</u>
COMPLETED BY	<u>P. L. Pace</u>
TELEPHONE	<u>305/552-3654</u>

REPORT MONTH September 1983

St. Lucie Unit 1 remained out of service for a refueling and maintenance outage.

Major safety related maintenance included:

Several heat tracing circuits were repaired or replaced.

A low pressure safety injection control valve was repaired.

Inspections and requirements of IE Bulletin and NUREG-0737 are continuing.

Florida Power & Light Company commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

In accordance with requirements of NUREG-0737 Item II.K.3.3, there were no challenges to PORV or safety valves during the report month.

See correspondence between FPL and NRC for information concerning the thermal shield.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-389
 UNIT St. Lucie Unit 2
 DATE 10-15-83
 COMPLETED BY N. W. Grant
 TELEPHONE 305/552-3675

MONTH September 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	576
2	---
3	---
4	---
5	---
6	---
7	---
8	---
9	---
10	---
11	---
12	---
13	---
14	---
15	4
16	89

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	68
18	159
19	168
20	239
21	364
22	562
23	369
24	722
25	745
26	749
27	748
28	707
29	752
30	751
31	

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-389
 DATE 10-15-83
 COMPLETED BY N.W. Grant
 TELEPHONE 305/552-3675

OPERATING STATUS

1. Unit Name: St. Lucie Unit #2
2. Reporting Period: September 1983
3. Licensed Thermal Power (MWt): 2560
4. Nameplate Rating (Gross MWe): 850
5. Design Electrical Rating (Net MWe): 804
6. Maximum Dependable Capacity (Gross MWe): 832
7. Maximum Dependable Capacity (Net MWe): 786
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

Unit 2 operated at power except as indicated in the Unit Shutdowns and Power Reduction Report.

9. Power Level To Which Restricted, If Any (Net MWe): _____
10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date *	Cumulative *
11. Hours In Reporting Period	720	1,296	1,296
12. Number Of Hours Reactor Was Critical	448.7	1,024.7	1,024.7
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	354.9	930.9	930.9
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWt)	646,373	2,119,533	2,119,533
17. Gross Electrical Energy Generated (MWh)	202,790	694,780	694,780
18. Net Electrical Energy Generated (MWh)	181,733	648,013	648,013
19. Unit Service Factor	49.3	71.8	71.8
20. Unit Availability Factor	49.3	71.8	71.8
21. Unit Capacity Factor (Using MDC Net)	32.1	63.6	63.6
22. Unit Capacity Factor (Using DER Net)	31.4	60.2	60.2
23. Unit Forced Outage Rate	50.7	28.2	28.2
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____

26. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

*These columns contain data from the date of commercial operation only.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH September 1983

DOCKET NO. 50-389
 UNIT NAME St. Lucie 2
 DATE 10-15-83
 COMPLETED BY N. W. Grant
 TELEPHONE 305/552-3675

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
1*	830901	F	321.4	H	3		CH	PUMPXX	Loss of a main feed pump while performing a ground isolation resulted in a reactor trip. Outage extended due to secondary chemistry problems.
2	830915	F	15.7	H	1		CH	XXXXXX	Unit removed from service due to high secondary system conductivity.
3	830916	F	7.6	H	1		CH	XXXXXX	Unit removed from service due to high secondary system conductivity. Unit returned to service at approximately 30% power.
4	830916	F	11.1	G	3		HA	TURBIN	Reactor tripped following turbine trip due to left open bleed off valve. Unit returned to service at 30% due to chemistry problems in secondary.

¹ F: Forced
S: Scheduled

² Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & License Examination
F-Administrative
G-Operational Error (Explain)
H-Other (Explain)

³ Method:
1-Manual
2-Manual Scram.
3-Automatic Scram.
4-Other (Explain)

4- CONTINUED
5- LOAD REDUCTION

⁴ Exhibit G - Instructions
for Preparation of Data
Entry Sheets for Licensee
Event Report (LER) File (NUREG-
0161)

⁵ Exhibit I - Same Source

(9/77)

* Sequential numbers restarted with commercial operation.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH September 1983

DOCKET NO. 50-389
 UNIT NAME St. Lucie 2
 DATE 10-15-83
 COMPLETED BY N. W. Grant
 TELEPHONE 305/552-3675

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
5	830917	F	0.0	H	5		CH	XXXXXX	Unit operated at 70% power due to secondary system chemistry problems.
6	830919	F	0.0	H	5		CH	XXXXXX	Unit operated at reduced power due to condensate pump suction strainer clogging and secondary system chemistry problems until 9-23-83.
7	830923	F	9.3	G	3		HA	TURBIN	Reactor tripped due to a turbine trip while performing a turbine trip test.
8	830924	F	0.0	A	5		CH	HTEXCH	Unit operated at approximately 96% due to a feedwater heater being out of service.

1
 F: Forced
 S: Scheduled

2
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

3
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)
 4- CONTINUED
 5- LOAD REDUCTION

4
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

5
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-389</u>
UNIT	<u>St. Lucie Unit 2</u>
DATE	<u>October 17, 1983</u>
COMPLETED BY	<u>P. L. Pace</u>
TELEPHONE	<u>305/552-3654</u>

REPORT MONTH September 1983

See the Unit Shutdowns and Power Reductions report for details on unit outages.

Major safety related maintenance included:

A reactor coolant pump seal assembly was repaired.

Electrical circuits in diesel generator turbo charger, a diesel generator governor motor, static inverter, and a motor control center were repaired.

A 4160 BUS tie breaker circuit was repaired.

Inspections and requirements of IE Bulletins and NUREG-0737 are continuing.

Florida Power & Light Company commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

In accordance with requirements of Technical Specification 6.9.1.6, there were no challenges to PORV or safety valves during the report month.



November 15, 1983
PNS-LI-83-706

USN99 R1

93 NOV 18 P1:38

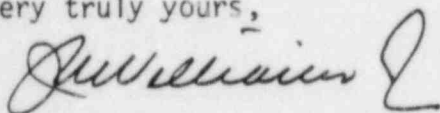
Director, Office of Resource Management
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Sir:

50 250/H

Attached are the October 1983 Operating Status Reports and Operating Summary Reports for Turkey Point Units No. 3 and 4 and St. Lucie Units No. 1 and 2.

Very truly yours,



J. W. Williams, Jr.
Vice President
Nuclear Energy Department

JWW/PLP/js

Attachment

cc: J. P. O'Reilly, Region II

8302150001

✓
83-#36
199

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250

UNIT Turkey Point Unit #3

DATE 11-15-83

COMPLETED BY N.W. Grant

TELEPHONE (305)552-3675

MONTH October, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>489</u>
2	<u>---</u>
3	<u>---</u>
4	<u>---</u>
5	<u>---</u>
6	<u>---</u>
7	<u>---</u>
8	<u>---</u>
9	<u>---</u>
10	<u>---</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>

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-250
 DATE 11-15-83
 COMPLETED BY N.W. Grant
 TELEPHONE (305) 552-3675

OPERATING STATUS

1. Unit Name: Turkey Point Unit #3
2. Reporting Period: October, 1983
3. Licensed Thermal Power (MWt): 2200
4. Nameplate Rating (Gross MWe): 760
5. Design Electrical Rating (Net MWe): 693
6. Maximum Dependable Capacity (Gross MWe): 700
7. Maximum Dependable Capacity (Net MWe): 666
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes
 Unit 3 was removed from service for scheduled refueling and maintenance

9. Power Level To Which Restricted, If Any (Net MWe): _____
10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	745	7296	95601.6
12. Number Of Hours Reactor Was Critical	22.9	6505.9	66306.2
13. Reactor Reserve Shutdown Hours	0	0	844.4
14. Hours Generator On-Line	22.7	6416.8	65921.9
15. Unit Reserve Shutdown Hours	0	0	121.8
16. Gross Thermal Energy Generated (MWH)	40693	14070680	135488592
17. Gross Electrical Energy Generated (MWH)	12485	4584575	43210565
18. Net Electrical Energy Generated (MWH)	9318	4330934	40918486
19. Unit Service Factor	3.0	87.9	69.0
20. Unit Availability Factor	3.0	87.9	69.1
21. Unit Capacity Factor (Using MDC Net)	1.9	90.4	66.2
22. Unit Capacity Factor (Using DER Net)	1.8	85.7	61.8
23. Unit Forced Outage Rate	0	2.0	5.4
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: December 6, 1983
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-250
 UNIT NAME Turkey Point Unit #3
 DATE 11-15-83
 COMPLETED BY N.W. Grant
 TELEPHONE (305)552-3675

REPORT MONTH October, 1983

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
10	831001	S	722.3	C	1		RC	FUELXX	Unit removed from Service for refueling and scheduled maintenance

¹
 F- Forced
 S- Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)
 4- CONTINUED
 5- LOAD REDUCTION

⁴
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

⁵
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-250
UNIT Turkey Point 3
DATE November 15, 1983
COMPLETED BY P.L. Pace
TELEPHONE 305/552-3654

REPORT MONTH October, 1983

Unit 3 was removed from service for refueling and scheduled maintenance.

Major safety related maintenance activities included:

A primary water makeup pump was overhauled

A containment spray pump was switched with one for Unit 4

Inspections and requirements of IE Bulletins and NUREG-0737 are continuing.

Florida Power & Light Company commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-251

UNIT Turkey Point Unit #4

DATE 11-15-83

COMPLETED BY N.W. Grant

TELEPHONE (305) 552-3675

MONTH October, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>684</u>
2	<u>681</u>
3	<u>678</u>
4	<u>681</u>
5	<u>679</u>
6	<u>678</u>
7	<u>676</u>
8	<u>676</u>
9	<u>639</u>
10	<u>618</u>
11	<u>681</u>
12	<u>237</u>
13	<u>---</u>
14	<u>---</u>
15	<u>---</u>
16	<u>66</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>674</u>
18	<u>679</u>
19	<u>679</u>
20	<u>678</u>
21	<u>675</u>
22	<u>678</u>
23	<u>654</u>
24	<u>679</u>
25	<u>679</u>
26	<u>685</u>
27	<u>689</u>
28	<u>685</u>
29	<u>689</u>
30	<u>689</u>
31	<u>689</u>

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-251
DATE 11-15-83
COMPLETED BY N.W. Grant
TELEPHONE (305) 552-3675

OPERATING STATUS

1. Unit Name: Turkey Point Unit #4
2. Reporting Period: October 1983
3. Licensed Thermal Power (MWt): 2200
4. Nameplate Rating (Gross MWe): 760
5. Design Electrical Rating (Net MWe): 693
6. Maximum Dependable Capacity (Gross MWe): 700
7. Maximum Dependable Capacity (Net MWe): 666
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

Unit #4 operated at power except as noted in the unit shutdowns and power reductions report.

9. Power Level To Which Restricted, If Any (Net MWe): _____
10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	745	7296	89329
12. Number Of Hours Reactor Was Critical	644.7	3601.7	63457.0
13. Reactor Reserve Shutdown Hours	0	0	166.6
14. Hours Generator On-Line	641.0	3404.8	61300.8
15. Unit Reserve Shutdown Hours	0	0	31.2
16. Gross Thermal Energy Generated (MWH)	1397520	7265165	129183409
17. Gross Electrical Energy Generated (MWH)	451655	2312925	41088437
18. Net Electrical Energy Generated (MWH)	428118	2187224	38912397
19. Unit Service Factor	86.0	46.7	68.6
20. Unit Availability Factor	86.0	46.7	68.7
21. Unit Capacity Factor (Using MDC Net)	86.3	45.7	67.3
22. Unit Capacity Factor (Using DER Net)	82.9	43.3	62.9
23. Unit Forced Outage Rate	14.0	7.3	4.1

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____

26. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH October, 1983

DOCKET NO. 50-251
 UNIT NAME Turkey Point #4
 DATE 11-15-83
 COMPLETED BY N.W. Grant
 TELEPHONE 305/552-3654

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
18	831012	F	104.0	A	1	251-83-18	CF	ELECON	Unit removed from service to repair electrical connections to residual heat removal pump motor. The unit then returned to service.

¹ F- Forced
S- Scheduled

² Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³ Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)
 4- CONTINUED
 5- LOAD REDUCTION

⁴ Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

⁵ Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENC.

DOCKET NO. 50-251
UNIT Turkey Point 4
DATE November 15, 1983
COMPLETED BY P. L. Pace
TELEPHONE 305/552-3654

REPORT MONTH October, 1983

Unit 4 operated at power, see the Unit Shutdowns and Power Reductions Report for outage details.

Major safety related maintenance activities included:

A low pressure safety injection pump was repaired.
A containment spray pump was repaired

Inspections and requirements of IE Bulletins and NUREG-0737 are continuing.

Florida Power & Light Company commitments to NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335
 UNIT St. Lucie Unit #1
 DATE 11-15-83
 COMPLETED BY N.W. Grant
 TELEPHONE (305)552-3675

MONTH October, 1983

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	---		

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-335
 DATE 11-15-83
 COMPLETED BY N.W. Grant
 TELEPHONE (305)552-3675

OPERATING STATUS

1. Unit Name: St. Lucie Unit #1
2. Reporting Period: October, 1983
3. Licensed Thermal Power (MWt): 2700
4. Nameplate Rating (Gross MWe): 890
5. Design Electrical Rating (Net MWe): 830
6. Maximum Dependable Capacity (Gross MWe): 867
7. Maximum Dependable Capacity (Net MWe): 822
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

Unit #1 remained out of service for refueling and scheduled maintenance

9. Power Level To Which Restricted, If Any (Net MWe): _____
10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>745</u>	<u>7296</u>	<u>60144</u>
12. Number Of Hours Reactor Was Critical	<u>0</u>	<u>1366.9</u>	<u>44466.1</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>205.3</u>
14. Hours Generator On-Line	<u>0</u>	<u>1350.9</u>	<u>43576.2</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>39.3</u>
16. Gross Thermal Energy Generated (MWH)	<u>0</u>	<u>3352422</u>	<u>108667938</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>1160280</u>	<u>35373875</u>
18. Net Electrical Energy Generated (MWH)	<u>-3435</u>	<u>1076016</u>	<u>33340207</u>
19. Unit Service Factor	<u>0</u>	<u>18.5</u>	<u>72.5</u>
20. Unit Availability Factor	<u>0</u>	<u>18.5</u>	<u>72.5</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0</u>	<u>18.0</u>	<u>70.4</u>
22. Unit Capacity Factor (Using DER Net)	<u>0</u>	<u>17.8</u>	<u>68.5</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>1.1</u>	<u>4.6</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: March, 1983
 26. Units In Test Status (Prior to Commercial Operation):
- | | Forecast | Achieved |
|----------------------|----------|----------|
| INITIAL CRITICALITY | _____ | _____ |
| INITIAL ELECTRICITY | _____ | _____ |
| COMMERCIAL OPERATION | _____ | _____ |

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH October, 1983

DOCKET NO. 50-335
 UNIT NAME St Lucie #1
 DATE 11-15-83
 COMPLETED BY N.W. Grant
 TELEPHONE (305)552-3675

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
3	830226	S	744	C	4		RC	FUELXX	Unit remained out of service for refueling and scheduled maintenance.

¹
 F- Forced
 S- Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)
 4- CONTINUED
 5- LOAD REDUCTION

⁴
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

⁵
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENC

DOCKET NO. 50-335
UNIT ST. Lucie Unit 1
DATE November, 15, 1983
COMPLETED BY P.L. Pace
TELEPHONE 305/5523654

REPORT MONTH October, 1983

ST. Lucie Unit 1 remained out of service for a refueling and maintenance outage.

Major safety related maintenance included:

Two heat tracing circuits were replaced.

A diesel generator engine was repaired.

A containment spray pump motor was adjusted.

Inspections and requirements of IE Bulletin and NUREG-0737 are continuing.

Florida Power & Light Company commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

In accordance with requirements of NUREG-0737 Item II.K.3.3, there were no challenges to PORV or safety valves during the report month.

See correspondence between FPL and NRC for information concerning the thermal shield.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-389
 UNIT St. Lucie Unit #2
 DATE 11-15-83
 COMPLETED BY N W Grant
 TELEPHONE (305)552-3675

MONTH October, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>788</u>
2	<u>809</u>
3	<u>619</u>
4	<u>750</u>
5	<u>169</u>
6	<u>724</u>
7	<u>806</u>
8	<u>808</u>
9	<u>807</u>
10	<u>780</u>
11	<u>805</u>
12	<u>799</u>
13	<u>808</u>
14	<u>808</u>
15	<u>806</u>
16	<u>806</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>798</u>
18	<u>808</u>
19	<u>808</u>
20	<u>807</u>
21	<u>808</u>
22	<u>759</u>
23	<u>806</u>
24	<u>800</u>
25	<u>774</u>
26	<u>808</u>
27	<u>807</u>
28	<u>809</u>
29	<u>810</u>
30	<u>809</u>
31	<u>799</u>

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-389
 DATE 11-15-83
 COMPLETED BY N.W. Grant
 TELEPHONE (305)552-3675

OPERATING STATUS

1. Unit Name: St. Lucie Unit #2
2. Reporting Period: October, 1983
3. Licensed Thermal Power (MWt): 2560
4. Nameplate Rating (Gross MWe): 850
5. Design Electrical Rating (Net MWe): 804
6. Maximum Dependable Capacity (Gross MWe): 832
7. Maximum Dependable Capacity (Net MWe): 786
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes
 Unit #2 operated at essentially full power except as noted in the unit shutdowns and power reductions report.

9. Power Level To Which Restricted, If Any (Net MWe): _____
10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date *	Cumulative *
11. Hours In Reporting Period	745	2041	2041
12. Number Of Hours Reactor Was Critical	738.3	1763	1763
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	735.5	1666.4	1666.4
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1828385	3947918	3947918
17. Gross Electrical Energy Generated (MWH)	607530	1302310	1302310
18. Net Electrical Energy Generated (MWH)	574439	1222452	1222452
19. Unit Service Factor	98.7	81.6	81.6
20. Unit Availability Factor	98.7	81.6	81.6
21. Unit Capacity Factor (Using MDC Net)	98.1	76.2	76.2
22. Unit Capacity Factor (Using DER Net)	95.9	74.5	74.5
23. Unit Forced Outage Rate	1.3	18.4	18.4
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____
 26. Units In Test Status (Prior to Commercial Operation):
- | | Forecast | Achieved |
|----------------------|----------|----------|
| INITIAL CRITICALITY | _____ | _____ |
| INITIAL ELECTRICITY | _____ | _____ |
| COMMERCIAL OPERATION | _____ | _____ |

*These columns contain data from the date of commercial operation only.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH October, 1983

DOCKET NO. 503389
 UNIT NAME ST. Lucie Unit #2
 DATE 11-15-83
 COMPLETED BY N.W. Grant
 TELEPHONE 305/552-3675

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
9	831003	S	0.0	H	5		XX	XXXXXX	Power reduced for turbine valve testing, and condensate pump strainer cleaning.
10	831004	F	9.5	A	3		IA	INSTRU	Turbine tripped and reactor tripped as a result of excess feed due to fuse failure in steam generator level transmitter. Unit returned at reduced power for chemistry and axial shape index reasons. Unit at full power 10/6/83.

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)

4- CONTINUED
 5- LOAD REDUCTION

⁴
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

⁵
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-389
UNIT ST. Lucie Unit 2
DATE November 15, 1983
COMPLETED BY P. L. Pace
TELEPHONE 305/552-3654

REPORT MONTH October, 1983

See the Unit Shutdowns and Power Reductions report for details on unit outages. Major safety related maintenance included:

Charging pumps leaks were repaired.
HPSI pump leaks were repaired

Inspections and requirements of IE Bulletins and NUREG-0737 are continuing.

Florida Power & Light Company Commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

In accordance with requirements of Technical Specification 6.9.1.6, there were no challenges to PORV or safety valves during the report month.

1 Docket ~~PRP~~



03 DEC 27 AM 11:05

December 15, 1983
PNS-LI-83-739

Director, Office of Resource Management
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Sir:

50-350/H

Attached are the November 1983 Operating Status Reports and Operating Summary Reports for Turkey Point Units No. 3 and 4 and St. Lucie Units No. 1 and 2.

Very truly yours,

J. W. Williams, Jr.
Vice President
Nuclear Energy Department

JWW/NWG/djc

Attachment

cc: J.P. O'Reilly, Region II

OFFICIAL COPY

83-313

8401120363

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250

UNIT Turkey Point Unit

DATE 12-15-83

COMPLETED BY N.W. Grant

TELEPHONE (305) 552-3675

MONTH November, 1983

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	-

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-250
 DATE 12-15-83
 COMPLETED BY N.W. Grant
 TELEPHONE (305) 552-3675

OPERATING STATUS

1. Unit Name: Turkey Point Unit #3
2. Reporting Period: November, 1983
3. Licensed Thermal Power (MWt): 2,200
4. Nameplate Rating (Gross MWe): 760
5. Design Electrical Rating (Net MWe): 693
6. Maximum Dependable Capacity (Gross MWe): 700
7. Maximum Dependable Capacity (Net MWe): 666
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

Unit #3 remained out of service for refueling and scheduled maintenance.

9. Power Level To Which Restricted, If Any (Net MWe): _____
10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>720</u>	<u>8,016</u>	<u>96,321.6</u>
12. Number Of Hours Reactor Was Critical	<u>0</u>	<u>6,505.9</u>	<u>66,306.2</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>844.4</u>
14. Hours Generator On-Line	<u>0</u>	<u>6,416.8</u>	<u>65,921.9</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>121.8</u>
16. Gross Thermal Energy Generated (MWH)	<u>0</u>	<u>14,070,680</u>	<u>135,488,592</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>4,584,575</u>	<u>43,210,565</u>
18. Net Electrical Energy Generated (MWH)	<u>-1,344</u>	<u>4,329,590</u>	<u>40,917,142</u>
19. Unit Service Factor	<u>0</u>	<u>80.0</u>	<u>68.4</u>
20. Unit Availability Factor	<u>0</u>	<u>80.0</u>	<u>68.6</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0</u>	<u>82.2</u>	<u>65.7</u>
22. Unit Capacity Factor (Using DER Net)	<u>0</u>	<u>77.9</u>	<u>61.3</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>2.0</u>	<u>5.4</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: December 17, 1983
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November, 1983

DOCKET NO. 50-250
 UNIT NAME Turkey Point Unit #3
 DATE 12-15-83
 COMPLETED BY N.W. Grant
 TELEPHONE (305) 552-3675

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
10	831001	S	720	C	1		RC	FUELXX	Unit #3 removed from service for refueling and scheduled maintenance.

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)
 4- CONTINUED
 5- LOAD REDUCTION

⁴
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

⁵
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-250</u>
UNIT	<u>Turkey Point Unit #3</u>
DATE	<u>December 15, 1983</u>
COMPLETED BY	<u>N.W. Grant</u>
TELEPHONE	<u>(305) 552-3675</u>

REPORT MONTH November, 1983

Unit 3 remained out of service for refueling and scheduled maintenance.

Major safety related maintenance activities included:

Replaced diesel starting air compressor gasket

Boric acid supply pump leaks were repaired

Repair bent control rod drive extensions

Charging pump leaks were repaired

Inspections and requirements of IE Bulletins and NUREG-0737 are continuing.

Florida Power & Light Company commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-251
UNIT Turkey Point Uni
DATE 12-15-83
COMPLETED BY N.W. Grant
TELEPHONE (305) 552-3675

MONTH November, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>687</u>
2	<u>689</u>
3	<u>686</u>
4	<u>686</u>
5	<u>686</u>
6	<u>687</u>
7	<u>683</u>
8	<u>685</u>
9	<u>685</u>
10	<u>684</u>
11	<u>683</u>
12	<u>159</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>426</u>
25	<u>678</u>
26	<u>685</u>
27	<u>688</u>
28	<u>686</u>
29	<u>685</u>
30	<u>685</u>
31	<u>-</u>

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-251
 DATE 12-15-83
 COMPLETED BY N.W. Grant
 TELEPHONE (305) 552-3675

OPERATING STATUS

1. Unit Name: Turkey Point Unit #4
2. Reporting Period: November, 1983
3. Licensed Thermal Power (MWt): 2,200
4. Nameplate Rating (Gross MWe): 760
5. Design Electrical Rating (Net MWe): 693
6. Maximum Dependable Capacity (Gross MWe): 700
7. Maximum Dependable Capacity (Net MWe): 666
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

Unit #4 operated at essentially full power except for an outage as described in the unit shutdowns and power reductions report.

9. Power Level To Which Restricted, If Any (Net MWe):
10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>720</u>	<u>8,016</u>	<u>90,049</u>
12. Number Of Hours Reactor Was Critical	<u>444.5</u>	<u>4,046.2</u>	<u>63,901.5</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>166.6</u>
14. Hours Generator On-Line	<u>433.6</u>	<u>3,838.4</u>	<u>61,734.4</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>31.2</u>
16. Gross Thermal Energy Generated (MWH)	<u>948,337</u>	<u>8,213,502</u>	<u>130,131,746</u>
17. Gross Electrical Energy Generated (MWH)	<u>308,285</u>	<u>2,621,210</u>	<u>41,396,722</u>
18. Net Electrical Energy Generated (MWH)	<u>291,504</u>	<u>2,478,728</u>	<u>39,203,901</u>
19. Unit Service Factor	<u>60.2</u>	<u>47.9</u>	<u>68.6</u>
20. Unit Availability Factor	<u>60.2</u>	<u>47.9</u>	<u>68.6</u>
21. Unit Capacity Factor (Using MDC Net)	<u>60.8</u>	<u>47.0</u>	<u>67.3</u>
22. Unit Capacity Factor (Using DER Net)	<u>58.4</u>	<u>44.6</u>	<u>62.8</u>
23. Unit Forced Outage Rate	<u>39.8</u>	<u>12.6</u>	<u>4.5</u>

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

25. If Shut Down At End Of Report Period, Estimated Date of Startup:

26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
<u> </u>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November, 1983

DOCKET NO. 50-251
 UNIT NAME Turkey Point Unit #4
 DATE 12-15-83
 COMPLETED BY N.W. Grant
 TELEPHONE (305) 552-3675

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
19	831112	F	286.4	A	1		CB	PUMPXX	Unit removed from service to repair No 1 seal leak. Outage extended for repairs to PORV block valves. The unit then returned to power.

1
 F - Forced
 S - Scheduled

2
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

3
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)
 4- CONTINUED
 5- LOAD REDUCTION

4
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

5
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-251</u>
UNIT	<u>Turkey Point Unit #4</u>
DATE	<u>December 15, 1983</u>
COMPLETED BY	<u>N.W. Grant</u>
TELEPHONE	<u>(305) 552-3675</u>

REPORT MONTH November, 1983

See the Unit Shutdowns and Power Reductions report for details on unit outages.
Major safety related maintenance activities included:

- Main feedwater check valve replaced
- Replaced C reactor coolant pump seal assembly
- Replaced personnel hatch O-ring

Inspections and requirements of IB Bulletins and NUREG-0737 are continuing.

Florida Power & Light Company commitments to NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335

UNIT St. Lucie Unit #1

DATE 12-15-83

COMPLETED BY N.W. Grant

TELEPHONE (305) 552-3675

MONTH November, 1983

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	-

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-335
 DATE 12-15-83
 COMPLETED BY N.W. Grant
 TELEPHONE (305) 552-3675

OPERATING STATUS

1. Unit Name: St. Lucie Unit #1
2. Reporting Period: November, 1983
3. Licensed Thermal Power (MWt): 2,700
4. Nameplate Rating (Gross MWe): 890
5. Design Electrical Rating (Net MWe): 830
6. Maximum Dependable Capacity (Gross MWe): 867
7. Maximum Dependable Capacity (Net MWe): 822
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

Unit #1 remained out of service for refueling and scheduled maintenance.

9. Power Level To Which Restricted, If Any (Net MWe):
10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720	8,016	60,864
12. Number Of Hours Reactor Was Critical	0	1,366.9	44,466.1
13. Reactor Reserve Shutdown Hours	0	0	205.3
14. Hours Generator On-Line	0	1,350.9	43,576.2
15. Unit Reserve Shutdown Hours	0	0	39.3
16. Gross Thermal Energy Generated (MWH)	0	3,352,422	108,667,938
17. Gross Electrical Energy Generated (MWH)	0	1,160,280	35,373,875
18. Net Electrical Energy Generated (MWH)	-2,896	1,073,120	33,337,311
19. Unit Service Factor	0	16.9	71.6
20. Unit Availability Factor	0	16.9	71.7
21. Unit Capacity Factor (Using MDC Net)	0	16.3	69.5
22. Unit Capacity Factor (Using DER Net)	0	16.1	67.7
23. Unit Forced Outage Rate	0	1.1	4.6

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

25. If Shut Down At End Of Report Period, Estimated Date of Startup: Spring 1984

26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast
 Achieved

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November, 1983

DOCKET NO. 50-335
 UNIT NAME St. Lucie Unit 1
 DATE 12-15-83
 COMPLETED BY N.W. Grant
 TELEPHONE (305) 552-3675

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
3	830226	S	720	C	4		RC	FUELXX	Unit #1 remained out of service for refueling and scheduled maintenance.

¹
 F- Forced
 S- Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)
 4- CONTINUED
 5- LOAD REDUCTION

⁴
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

⁵
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-335</u>
UNIT	<u>St. Lucie Unit 1</u>
DATE	<u>December 15, 1983</u>
COMPLETED BY	<u>N.W. Grant</u>
TELEPHONE	<u>(305) 552-3675</u>

REPORT MONTH November, 1983

St. Lucie Unit 1 remained out of service for a refueling and maintenance outage.

Major safety related maintenance included:

A heat tracing circuit was repaired

Inspections and requirements of IE Bulletin and NUREG-0737 are continuing.

Florida Power & Light Company commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

In accordance with requirements of NUREG-0737 Item II.K.3.3, there were no challenges to PORV or safety valves during the report month.

See correspondence between FPL and NRC for information concerning the thermal shield.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-389
 UNIT St. Lucie Unit #2
 DATE 12-15-83
 COMPLETED BY N.W. Grant
 TELEPHONE (305) 552-3675

MONTH November, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>760</u>
2	<u>812</u>
3	<u>812</u>
4	<u>811</u>
5	<u>810</u>
6	<u>810</u>
7	<u>806</u>
8	<u>811</u>
9	<u>810</u>
10	<u>812</u>
11	<u>812</u>
12	<u>812</u>
13	<u>812</u>
14	<u>806</u>
15	<u>810</u>
16	<u>810</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>812</u>
18	<u>812</u>
19	<u>813</u>
20	<u>810</u>
21	<u>809</u>
22	<u>739</u>
23	<u>807</u>
24	<u>793</u>
25	<u>812</u>
26	<u>811</u>
27	<u>812</u>
28	<u>798</u>
29	<u>811</u>
30	<u>810</u>
31	<u></u>

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-389
 DATE 12/15/83
 COMPLETED BY N.W. Grant
 TELEPHONE (305) 552-3675

OPERATING STATUS

1. Unit Name: St. Lucie Unit #2
2. Reporting Period: November, 1983
3. Licensed Thermal Power (MWt): 2,560
4. Nameplate Rating (Gross MWe): 850
5. Design Electrical Rating (Net MWe): 804
6. Maximum Dependable Capacity (Gross MWe): 832
7. Maximum Dependable Capacity (Net MWe): 786
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

Unit #2 operated at essentially full power.

9. Power Level To Which Restricted, If Any (Net MWe):
10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date *	Cumulative *
11. Hours In Reporting Period	720	2,761	2,761
12. Number Of Hours Reactor Was Critical	720	2,483	2,483
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	720	2,386.4	2,386.4
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,833,226	5,781,144	5,781,144
17. Gross Electrical Energy Generated (MWH)	612,330	1,914,640	1,914,640
18. Net Electrical Energy Generated (MWH)	579,887	1,802,339	1,802,339
19. Unit Service Factor	100.0	86.4	86.4
20. Unit Availability Factor	100.0	86.4	86.4
21. Unit Capacity Factor (Using MDC Net)	102.5	83.1	82.9
22. Unit Capacity Factor (Using DER Net)	100.2	81.2	99.5
23. Unit Forced Outage Rate	0	13.6	13.6
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup:
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

*These columns contain data from date of commercial operation only.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November, 1983

DOCKET NO. 50-389
 UNIT NAME St. Lucie Unit #2
 DATE 12-15-83
 COMPLETED BY N.W. Grant
 TELEPHONE (305) 552-3675

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
11	831122	S	11.9	A	1		HC	HTEXCH	Unit removed from service for condenser 2B2 and 2A1 cleaning.

¹
 F - Forced
 S - Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)
 4 - CONTINUED
 5 - LOAD REDUCTION

⁴
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

⁵
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-389</u>
UNIT	<u>St. Lucie Unit #2</u>
DATE	<u>December 15, 1983</u>
COMPLETED BY	<u>N.W. Grant</u>
TELEPHONE	<u>(305) 552-3675</u>

REPORT MONTH November, 1983

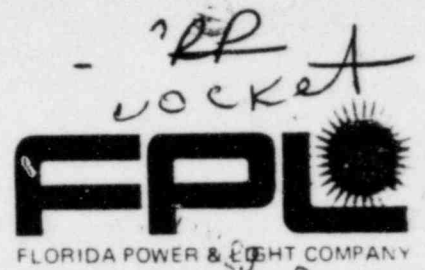
See the Unit Shutdowns and Power Reductions report for details on unit outages.
Major safety related maintenance included:

- C & D batteries were cleaned
- HPSI pump leaks were repaired
- Charging pumps leaks were repaired

Inspections and requirements of IE Bulletins and NUREG-0737 are continuing.

Florida Power & Light Company Commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

In accordance with requirements of Technical Specification 6.9.1.6, there were no challenges to PORV or safety valves during the report month.



January 16, 1984 : *03*
PNS-LI-84-20

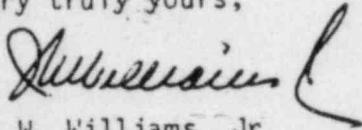
550307A
50-3357A

Director, Office of Resource Management
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Sir:

Attached are the December 1983 Operating Status Reports and Operating Summary Reports for Turkey Point Units NO. 3 and 4 and St. Lucie Units No. 1 and 2.

Very truly yours,



J. W. Williams, Jr.
Vice President
Nuclear Energy Department

JWW/NWC/cas

Attachment

cc: J.P. O'Reilly, Region II

8401270459

OFFICIAL COPY
24
84-03
PEOPLE... SERVING PEOPLE

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250
 UNIT Turkey Point #3
 DATE 1-16-84
 COMPLETED BY N.W. Grant
 TELEPHONE (305) 552-3675

MONTH December, 1983

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	-

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-250
 DATE 1-16-84
 COMPLETED BY NW Grant
 TELEPHONE (305) 552-3675

OPERATING STATUS

1. Unit Name: Turkey Point Unit #3
2. Reporting Period: December, 1983
3. Licensed Thermal Power (MWt): 2,200
4. Nameplate Rating (Gross MWe): 760
5. Design Electrical Rating (Net MWe): 693
6. Maximum Dependable Capacity (Gross MWe): 700
7. Maximum Dependable Capacity (Net MWe): 666
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

Unit 3 remained out of service for refueling and scheduled maintenance.

9. Power Level To Which Restricted, If Any (Net MWe):
10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>8,760</u>	<u>97,065.6</u>
12. Number Of Hours Reactor Was Critical	<u>0</u>	<u>6,505.9</u>	<u>66,306.2</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>844.4</u>
14. Hours Generator On-Line	<u>0</u>	<u>6,416.8</u>	<u>65,921.9</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>121.8</u>
16. Gross Thermal Energy Generated (MWH)	<u>0</u>	<u>14,070,680</u>	<u>135,488,592</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>4,584,575</u>	<u>43,210,565</u>
18. Net Electrical Energy Generated (MWH)	<u>-4,125</u>	<u>4,325,465</u>	<u>40,913,017</u>
19. Unit Service Factor	<u>0</u>	<u>73.3</u>	<u>67.9</u>
20. Unit Availability Factor	<u>0</u>	<u>73.3</u>	<u>68.0</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0</u>	<u>75.0</u>	<u>65.1</u>
22. Unit Capacity Factor (Using DER Net)	<u>0</u>	<u>71.3</u>	<u>60.8</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>2.0</u>	<u>5.4</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: January 7, 1984 (actual)
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December, 1983

DOCKET NO. 50-250
 UNIT NAME Turkey Point Unit #3
 DATE 1-16-84
 COMPLETED BY N.W. Grant
 TELEPHONE (305) 552-3675

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
10	831001	s	744	C	4		RC	FUELXX	Unit #3 removed from service for re-fueling and scheduled maintenance. (continued)

¹
 F - Forced
 S - Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)
 4- CONTINUED
 5- LOAD REDUCTION

⁴
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

⁵
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-250</u>
UNIT	<u>Turkey Point Unit #3</u>
DATE	<u>January 16, 1984</u>
COMPLETED BY	<u>N.W. Grant</u>
TELEPHONE	<u>(305) 552-3675</u>

REPORT MONTH December, 1983

Unit 3 remained out of service for refueling and scheduled maintenance.

Major safety related maintenance activities included:

The unit was refueled for Cycle 9

Bent control rod drive shafts were replaced

PORV's were overhauled

A containment spray pump motor was repaired

A steam header pressure instrument short circuit was repaired

Several component cooling water heat exchanger tubes were plugged

Inspections and requirements of IE Bulletins and NUREG-0737 are continuing.

Florida Power & Light Company commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-251
 UNIT Turkey Point #4
 DATE 1-16-84
 COMPLETED BY N.W. Grant
 TELEPHONE (305) 552-3675

MONTH December, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>683</u>	17	<u>683</u>
2	<u>683</u>	18	<u>682</u>
3	<u>612</u>	19	<u>680</u>
4	<u>375</u>	20	<u>680</u>
5	<u>677</u>	21	<u>678</u>
6	<u>677</u>	22	<u>679</u>
7	<u>682</u>	23	<u>678</u>
8	<u>684</u>	24	<u>682</u>
9	<u>687</u>	25	<u>691</u>
10	<u>687</u>	26	<u>697</u>
11	<u>685</u>	27	<u>695</u>
12	<u>686</u>	28	<u>692</u>
13	<u>687</u>	29	<u>688</u>
14	<u>684</u>	30	<u>686</u>
15	<u>685</u>	31	<u>691</u>
16	<u>585</u>		

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-251
 DATE 1-16-84
 COMPLETED BY N.W. Grant
 TELEPHONE (305) 552-3675

OPERATING STATUS

1. Unit Name: Turkey Point #4
2. Reporting Period: December, 1983
3. Licensed Thermal Power (MWt): 2200
4. Nameplate Rating (Gross MWe): 760
5. Design Electrical Rating (Net MWe): 693
6. Maximum Dependable Capacity (Gross MWe): 700
7. Maximum Dependable Capacity (Net MWe): 666
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes Unit 4 operated at essentially full power except for brief outage to conduct Unit 3 safeguard Test.

9. Power Level To Which Restricted, If Any (Net MWe): _____
10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>8760</u>	<u>90,793</u>
12. Number Of Hours Reactor Was Critical	<u>737.1</u>	<u>4783.3</u>	<u>64,638.6</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>166.6</u>
14. Hours Generator On-Line	<u>733.7</u>	<u>4572.1</u>	<u>62,468.1</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>31.2</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,614,995</u>	<u>9,828,497</u>	<u>131,746,741</u>
17. Gross Electrical Energy Generated (MWH)	<u>524,580</u>	<u>3,145,790</u>	<u>41,921,302</u>
18. Net Electrical Energy Generated (MWH)	<u>500,158</u>	<u>2,978,886</u>	<u>39,704,059</u>
19. Unit Service Factor	<u>98.6</u>	<u>52.2</u>	<u>68.8</u>
20. Unit Availability Factor	<u>98.6</u>	<u>52.2</u>	<u>68.8</u>
21. Unit Capacity Factor (Using MDC Net)	<u>100.9</u>	<u>51.7</u>	<u>67.6</u>
22. Unit Capacity Factor (Using DER Net)	<u>97.0</u>	<u>49.1</u>	<u>63.1</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>10.8</u>	<u>4.4</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

Refueling, March 1984, 2 months

25. If Shut Down At End Of Report Period, Estimated Date of Startup: _____
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December, 1983

DOCKET NO. 50-251

UNIT NAME Turkey Point Unit #4

DATE 1-16-84

COMPLETED BY N.W. Grant

TELEPHONE B05 (305) 552-3675

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
20	831203	S	10.1	H	1		ZZ	ZZZZZZ	Unit #4 removed from service to conduct integrated safeguards test for Unit #3

¹ F - Forced
S - Scheduled

² Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & License Examination
F-Administrative
G-Operational Error (Explain)
H-Other (Explain)

³ Method:
1-Manual
2-Manual Scram.
3-Automatic Scram.
4-Other (Explain)

4- CONTINUED
5- LOAD REDUCTION

⁴ Exhibit C - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

⁵ Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-251</u>
UNIT	<u>Turkey Point Unit #4</u>
DATE	<u>January 16, 1984</u>
COMPLETED BY	<u>N.W. Grant</u>
TELEPHONE	<u>(305) 552-3675</u>

REPORT MONTH December, 1983

Unit 4 operated at essentially full power except for a brief outage to conduct the Unit 3 integrated safeguards test.

Major safety related maintenance activities included replacing a 120-140 VDC static inverter transformer.

Inspections and requirements of IB Bullentins and NUREG-0737 are continuing.

Florida Power & Light Company commitments to NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335
 UNIT St. Lucie #1
 DATE 1-16-84
 COMPLETED BY N.W. Grant
 TELEPHONE (305) 552-3675

MONTH December, 1983

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	-		

INSTRUCTIONS

On this form, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-335
DATE 1-16-84
COMPLETED BY N.W. Grant
TELEPHONE (305) 552-3675

OPERATING STATUS

1. Unit Name: St. Lucie Unit #1
2. Reporting Period: December, 1983
3. Licensed Thermal Power (MWt): 2700
4. Nameplate Rating (Gross MWe): 890
5. Design Electrical Rating (Net MWe): 830
6. Maximum Dependable Capacity (Gross MWe): 867
7. Maximum Dependable Capacity (Net MWe): 822
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes Unit 1 remained out of service for refueling and scheduled maintenance.

9. Power Level To Which Restricted, If Any (Net MWe): _____
10. Reasons For Restrictions, If Any: _____

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744	8,760	61,608
12. Number Of Hours Reactor Was Critical	0	1,366.9	44,466.1
13. Reactor Reserve Shutdown Hours	0	0	205.3
14. Hours Generator On-Line	0	1,350.9	43,576.2
15. Unit Reserve Shutdown Hours	0	0	39.3
16. Gross Thermal Energy Generated (MWH)	0	3,352,422	108,667,938
17. Gross Electrical Energy Generated (MWH)	0	1,160,280	35,373.875
18. Net Electrical Energy Generated (MWH)	- 3038	1,070,082	33,334,273
19. Unit Service Factor	0	15.4	70.7
20. Unit Availability Factor	0	15.4	70.8
21. Unit Capacity Factor (Using MDC Net)	0	14.9	68.6
22. Unit Capacity Factor (Using DER Net)	0	14.7	66.8
23. Unit Forced Outage Rate	0	1.1	4.6
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: Spring, 1984

26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December, 1983

DOCKET NO. 50-335
 UNIT NAME St. Lucie Unit # 1
 DATE 1-16-84
 COMPLETED BY N. W. Grant
 TELEPHONE (305) 552-3675

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
3	830226	S	744	C	4		RC	FUELXX	Unit #1 remained out of service for refueling and scheduled maintenance.

¹
 F- Forced
 S- Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)

4- CONTINUED
 5- LOAD REDUCTION

⁴
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

⁵
 Exhibit I - Same Source

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.	<u>50-335</u>
UNIT	<u>St. Lucie Unit 1</u>
DATE	<u>January 16, 1984</u>
COMPLETED BY	<u>N.W. Grant</u>
TELEPHONE	<u>(305) 552-3675</u>

REPORT MONTH December, 1983

St. Lucie Unit 1 remained out of service for a refueling and maintenance outage.

Major safety related maintenance included repairing a diesel generator lube oil soakback pump.

Inspections and requirements of IE Bulletin and NUREG-0737 are continuing.

Florida Power & Light Company commitments for NUREG-0737 implementation are continuing. Refer to correspondence between FPL and NRC for additional information.

In accordance with requirements of NUREG-0737 Item II.K.3.3, there were no challenges to PORV or safety valves during the report month.

See correspondence between FPL and NRC for information concerning the thermal shield.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-389
UNIT St. Lucie #2
DATE 1-16-84
COMPLETED BY N.W. Grant
TELEPHONE (305) 552-3675

MONTH December, 1983

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>812</u>
2	<u>811</u>
3	<u>810</u>
4	<u>809</u>
5	<u>802</u>
6	<u>807</u>
7	<u>809</u>
8	<u>790</u>
9	<u>779</u>
10	<u>815</u>
11	<u>815</u>
12	<u>809</u>
13	<u>814</u>
14	<u>814</u>
15	<u>814</u>
16	<u>793</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>528</u>
18	<u>813</u>
19	<u>812</u>
20	<u>815</u>
21	<u>816</u>
22	<u>815</u>
23	<u>815</u>
24	<u>764</u>
25	<u>817</u>
26	<u>816</u>
27	<u>818</u>
28	<u>818</u>
29	<u>817</u>
30	<u>817</u>
31	<u>818</u>

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

OPERATING DATA REPORT

DOCKET NO. 50-389
 DATE 1-16-84
 COMPLETED BY N.W. Grant
 TELEPHONE (305) 552-3675

OPERATING ST

1. Unit Name: St. Lucie Unit #2
2. Reporting Period: December, 1983
3. Licensed Thermal Power (MWt): 2500
4. Nameplate Rating (Gross MWe): 850
5. Design Electrical Rating (Net MWe): 804
6. Maximum Dependable Capacity (Gross MWe): 832
7. Maximum Dependable Capacity (Net MWe): 786
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes Unit 2 operated at essentially full power except for a brief power reduction

9. Power Level To Which Restricted, If Any (Net MWe):
10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>3505</u>	<u>3505</u>
12. Number Of Hours Reactor Was Critical	<u>744</u>	<u>3227</u>	<u>3227</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>744</u>	<u>3130.4</u>	<u>3130.4</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,876,800</u>	<u>7,657,944</u>	<u>7,657,944</u>
17. Gross Electrical Energy Generated (MWH)	<u>628,580</u>	<u>2,543,220</u>	<u>2,543,220</u>
18. Net Electrical Energy Generated (MWH)	<u>595,247</u>	<u>2,397,586</u>	<u>2,397,586</u>
19. Unit Service Factor	<u>100.0</u>	<u>89.3</u>	<u>89.3</u>
20. Unit Availability Factor	<u>100.0</u>	<u>89.3</u>	<u>89.3</u>
21. Unit Capacity Factor (Using MDC Net)	<u>101.8</u>	<u>87.0</u>	<u>87.0</u>
22. Unit Capacity Factor (Using DER Net)	<u>99.5</u>	<u>85.1</u>	<u>85.1</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>10.7</u>	<u>10.7</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

25. If Shut Down At End Of Report Period, Estimated Date of Startup:

26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY	Forecast	Achieved
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December, 1983

DOCKET NO. 50-389
 UNIT NAME St. Lucie Unit 2
 DATE 1-16-84
 COMPLETED BY N.W. Grant
 TELEPHONE (305) 552-3675

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
12	831216	F	0.0	B	5		CH	FILTER	Power reduced to clean main feedwater pump strainers.

¹ F - Forced
 S - Scheduled

² Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³ Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)

4- CONTINUED
 5- LOAD REDUCTION

⁴ Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

⁵ Exhibit I - Same Source