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50-389 St. Lucie Plant, Unit 2, Florida Power & Light Co. 05000389
AUTH.NAME AUTHOR AFFILIATION
WHITE,C.D. Florida Power & Light Co.
SAGER,D.A. Florida Power & Light Co.
RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for June 1993 for St Lucie Units 1 & 2.W/930714 ltr.

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July 14, 1993

L-93-168
10 CFR 50.36

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

Re: St. Lucie Units 1 and 2
Docket Nos. 50-335 and 50-389
Monthly Operating Report

Attached are the June, 1993, Operating Status and Summary of Operating Experience Reports for St. Lucie Units 1 and 2.

Should there be any questions on this information, please contact us.

Very truly yours,

D. A. Sager
By J. J. Barry

D. A. Sager
Vice President
St. Lucie Plant

DAS:JJB:kw

cc: Stewart D. Ebneter, Regional Administrator, Region II, USNRC
Senior Resident Inspector, USNRC, St. Lucie Plant

Attachments

DAS/PSL #946-93

IE24
1/1

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335
UNIT St. Lucie #1
DATE
COMPLETED BY C.D. White
TELEPHONE (407) 468-4248

MONTH JUNE, 1993

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
6/01/93	-8
6/02/93	-8
6/03/93	-8
6/04/93	-8
6/05/93	-8
6/06/93	-6
6/07/93	-4
6/08/93	-6
6/09/93	-12
6/10/93	-20
6/11/93	-31
6/12/93	-31
6/13/93	-33
6/14/93	-29
6/15/93	-28
6/16/93	-30
6/17/93	-10
6/18/93	164
6/19/93	422
6/20/93	592
6/21/93	706
6/22/93	803
6/23/93	840
6/24/93	851
6/25/93	850
6/26/93	850
6/27/93	851
6/28/93	855
6/29/93	853
6/30/93	852

OPERATING DATA REPORT

DOCKET NO 50 - 335
DATE 7/ 7/93
COMPLETED BY C. D. WHITE
TELEPHONE 407/694/4432

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 1
2. REPORTING PERIOD: JUNE 1993
3. LICENSED THERMAL POWER (MWT): 2700
4. NAMEPLATE RATING (GROSS MWE): 850
5. DESIGN ELECTRICAL RATING (NET MWE): 830
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 872
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 839
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS:
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE)
10. REASONS FOR RESTRICTIONS, IF ANY:

	MONTHLY	-YTD-	CUMULATIVE
11. HOURS IN REPORT PERIOD:	720	4343	144863.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	414.9	2536.3	111206.9
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	205.3
14. HOURS GENERATOR ON-LINE	314.8	2403.2	110078.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	39.3
16. GROSS THERMAL ENERGY GENERATED (MWH)	735505	6293891	284629601
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	242030	2090180	93950080
18. NET ELECTRICAL ENERGY GENERATED (MWH)	221016	1965340	88791210
19. UNIT SERVICE FACTOR	43.7	55.3	76.0
20. UNIT AVAILABILITY FACTOR	43.7	55.3	76.0
21. CAPACITY FACTOR (USING MDC NET)	36.6	53.9	75.5
22. CAPACITY FACTOR (USING DER NET)	37.0	54.5	74.7
23. UNIT FORCED OUTAGE RATE	0.0	0.0	4.0

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-335
UNIT NAME ST LUCIE UNIT 1
DATE
COMPLETED BY C. D. WHITE
TELEPHONE (407) 468-4248

REPORT MONTH JUNE, 1993

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	930329	S	404.33	C	4	N/A	RB	VESSEL	The Unit 1 refueling outage ended on June 17, 1993.
6	930618	S	0.0	B	1	N/A	RB	FUELXX	Unit 1 was held at approximately 25% power for physics testing and then downpowered for overspeed turbine trip test.
6	930618	S	0.87	B	1	N/A	HA	TURBIN	Unit 1 turbine overspeed trip test completed on June 18, 1993.
6	930618	S	0.0	B	1	N/A	RB	FUELXX	Unit 1 was held at approximately 25% power for physics 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 (Expalin)
H - Other (Explain)

3
Method
1 - Manual
2 - Manual Scram
3 - Automatic Scram
4 - Continued
5 - Load Reduction
9 - Other (Explain)

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

5
Exhibit 1 - Same Source

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UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-335
UNIT NAME ST LUCIE UNIT 1
DATE
COMPLETED BY C. D. WHITE
TELEPHONE (407) 468-4248

REPORT MONTH JUNE, 1993

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	930619	S	0.0	B	1	N/A	RB	FUELXX	Unit 1 was held at approximately 50% power for physics testing.
8	930620	S	0.0	B	1	N/A	RB	FUELXX	Unit 1 was held at approximately 80% power for physics 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 (Expalin)
H - Other (Explain)

3
Method
1 - Manual
2 - Manual Scram
3 - Automatic Scram
4 - Continued
5 - Load Reduction
9 - Other (Explain)

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

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Exhibit 1 - Same Source

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SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-335
UNIT St. Lucie #1
DATE
COMPLETED BY C.D. White
TELEPHONE (407) 468-4248

REPORT MONTH JUNE, 1993

On March 29, 1993, Unit 1 was downpowered for refueling. The refueling outage ended on June 17, 1993. On June 18, 1993, the Unit was held at approximately 25% power for physics testing and was then downpowered for turbine overspeed trip testing. The Unit was increased in power from June 18, 1993 to June 21, 1993 with periodic holds at 25%, 50%, and 80% power for physics testing. Unit 1 operated at 100% from June 22, 1993 through the end of the month.

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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-389
UNIT St. Lucie #2
DATE
COMPLETED BY C.D. White
TELEPHONE (407) 468-4248

MONTH JUNE, 1993

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
6/01/93	847
6/02/93	847
6/03/93	846
6/04/93	847
6/05/93	849
6/06/93	850
6/07/93	849
6/08/93	843
6/09/93	839
6/10/93	844
6/11/93	849
6/12/93	848
6/13/93	844
6/14/93	841
6/15/93	836
6/16/93	835
6/17/93	834
6/18/93	834
6/19/93	835
6/20/93	833
6/21/93	799
6/22/93	738
6/23/93	831
6/24/93	833
6/25/93	826
6/26/93	824
6/27/93	826
6/28/93	831
6/29/93	831
6/30/93	826

OPERATING DATA REPORT

DOCKET NO 50 - 389
DATE 7/ 7/93
COMPLETED BY C. D. WHITE
TELEPHONE 407/694/4432

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 2
2. REPORTING PERIOD: JUNE 1993
3. LICENSED THERMAL POWER (MWT): 2700
4. NAMEPLATE RATING (GROSS MWE): 850
5. DESIGN ELECTRICAL RATING (NET MWE): 830
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 882
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 839
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS:
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE)
10. REASONS FOR RESTRICTIONS, IF ANY:

	MONTHLY	-YTD-	CUMULATIVE
11. HOURS IN REPORT PERIOD:	720	4343	86760.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	2354.8	72759.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	720.0	2341.0	71546.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1935277	6134949	187499951
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	633290	2021060	62500710
18. NET ELECTRICAL ENERGY GENERATED (MWH)	600354	1894294	59086036
19. UNIT SERVICE FACTOR	100.0	53.9	82.5
20. UNIT AVAILABILITY FACTOR	100.0	53.9	82.5
21. CAPACITY FACTOR (USING MDC NET)	99.4	52.0	82.3
22. CAPACITY FACTOR (USING DER NET)	100.5	52.6	82.6
23. UNIT FORCED OUTAGE RATE	0.0	46.1	7.7

24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-389
UNIT NAME ST LUCIE UNIT 2
DATE
COMPLETED BY C. D. WHITE
TELEPHONE (407) 468-4248

REPORT MONTH JUNE, 1993

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 2's average daily power level for June, 1993, was at or above 80%.

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 (Expalin)
H - Other (Explain)

3
Method
1 - Manual
2 - Manual Scram
3 - Automatic Scram
4 - Continued
5 - Load Reduction
9 - Other (Explain)

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

5
Exhibit 1 - Same Source

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SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-389
UNIT St. Lucie #2
DATE
COMPLETED BY C.D. White
TELEPHONE (407) 468-4248

REPORT MONTH JUNE, 1993

The average daily power for Unit 2 remained at or above 80% for the month of June, 1993.

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