

PRIORITY 1
(ACCELERATED RIDS PROCESSING)

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9411250123 DOC. DATE: 94/10/31 NOTARIZED: NO DOCKET #
FACIL: 50-335 St. Lucie Plant, Unit 1, Florida Power & Light Co. 05000335
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 rept for Oct 1994 for St Lucie Units 1 & 2.W/941114 ltr.

DISTRIBUTION CODE: IE24D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 9
TITLE: Monthly Operating Report (per Tech Specs)

NOTES:

	RECIPIENT		COPIES		RECIPIENT		COPIES	
	ID CODE/NAME		LTR	ENCL	ID CODE/NAME	LTR	ENCL	
	PD2-2 PD		1	1	NORRIS, J	1	1	
INTERNAL:	ACRS		10	10	AEOD/SPD/RRAB	1	1	
	FILE CENTER 01		1	1	NRR/DORS/OEAB	1	1	
	NRR/PMAS/IRCB-E		1	1	RGN2	1	1	
EXTERNAL:	LITCO BRYCE, J H		1	1	NOAC	1	1	
	NRC PDR		1	1				

NOTE TO ALL "RIDS" RECIPIENTS:

PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL DESK, ROOM P1-37 (EXT. 504-2083) TO ELIMINATE YOUR NAME FROM DISTRIBUTION LISTS FOR DOCUMENTS YOU DON'T NEED!

TOTAL NUMBER OF COPIES REQUIRED: LTR 20 ENCL 20

P
R
I
O
R
I
T
Y

1

D
O
C
U
M
E
N
T



November 14, 1994

L-94-285
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 October, 1994, 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
Vice President
St. Lucie Plant

DAS/CDW

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

Attachments

220066

9411250123 941031
PDR ADCK 05000335
R PDR

TC24
11

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO.: 50-335
UNIT: St. Lucie #1
DATE : 11/15/94
COMPLETED BY: C.D. White
TELEPHONE: (407) 468-4248

MONTH OCTOBER, 1994

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

10/01/93	832
10/02/93	841
10/03/93	846
10/04/93	847
10/05/93	842
10/06/93	841
10/07/93	840
10/08/93	839
10/09/93	840
10/10/93	839
10/11/93	840
10/12/93	838
10/13/93	838
10/14/93	838
10/15/93	838
10/16/93	839
10/17/93	839
10/18/93	840
10/19/93	839
10/20/93	840
10/21/93	838
10/22/93	835
10/23/93	833
10/24/93	831
10/25/93	828
10/26/93	469
10/27/93	-28
10/28/93	-15
10/29/93	-5
10/30/93	-3
10/31/93	-3

OPERATING DATA REPORT

DOCKET NO 50 - 335
 DATE 11/15/94
 COMPLETED BY C. D. WHITE
 TELEPHONE 407/468/4248

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 1
2. REPORTING PERIOD: OCTOBER 1994
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:	745	7296	156576.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	614.4	7007.9	122538.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	205.3
14. HOURS GENERATOR ON-LINE	614.4	6864.9	121219.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	39.3
16. GROSS THERMAL ENERGY GENERATED (MWH)	1658392	18104409	313869710
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	542550	5920270	103533560
18. NET ELECTRICAL ENERGY GENERATED (MWH)	513057	5599960	97858322
19. UNIT SERVICE FACTOR	82.5	94.1	77.4
20. UNIT AVAILABILITY FACTOR	82.5	94.1	77.4
21. CAPACITY FACTOR (USING MDC NET)	82.1	91.5	76.8
22. CAPACITY FACTOR (USING DER NET)	83.0	92.5	76.1
23. UNIT FORCED OUTAGE RATE	14.8	5.6	4.0
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : CYCLE 13 REFUELING OUTAGE BEGAN OCTOBER 31, 1994.			

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 12/7/94

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO.: 50-335
 UNIT NAME: ST LUCIE UNIT 1
 DATE: 11/15/94
 COMPLETED BY: C. D. WHITE
 TELEPHONE: (407) 468-4248

REPORT MONTH OCTOBER, 1994

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	941026	F	106.55	H	3	94-06	EB	GENERA	Unit 1 tripped off line due to a lightning strike to a single phase transformer in bay #1 of the switchyard outside the plant protected area.
21	941031	S	24.00	C	4	N/A	RB	VESSEL	Unit 1 remained off line for Cycle 13 refueling.

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 - 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

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.: 50-335
UNIT: St. Lucie #1
DATE: 11/15/94
COMPLETED BY: C.D. White
TELEPHONE: (407) 468-4248

REPORT MONTH OCTOBER, 1994

Unit 1 operated at essentially full power from October 1, 1994 until October 26, when the Unit tripped off line due to a lightning strike to a single phase transformer in bay #1 of the switchyard located outside the plant protected area. The loss of the transformer caused a main generator lockout which tripped the main turbine. The Unit remained off line for repairs, and on October 31, 1994, Unit 1 began Cycle 13 Refueling.

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: 11/15/94
COMPLETED BY: C.D. White
TELEPHONE: (407) 468-4248

MONTH OCTOBER, 1994

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

10/01/93	839
10/02/93	839
10/03/93	843
10/04/93	843
10/05/93	841
10/06/93	840
10/07/93	840
10/08/93	839
10/09/93	839
10/10/93	840
10/11/93	841
10/12/93	837
10/13/93	838
10/14/93	839
10/15/93	839
10/16/93	841
10/17/93	842
10/18/93	842
10/19/93	842
10/20/93	843
10/21/93	841
10/22/93	840
10/23/93	839
10/24/93	828
10/25/93	836
10/26/93	838
10/27/93	840
10/28/93	841
10/29/93	840
10/30/93	876
10/31/93	841

OPERATING DATA REPORT

DOCKET NO 50 - 389
 DATE 11/15/94
 COMPLETED BY C. D. WHITE
 TELEPHONE 407/468/4248

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 2
2. REPORTING PERIOD: OCTOBER 1994
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:	745	7296	98473.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	745.0	5640.1	82803.7
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	745.0	5507.7	81403.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	2011141	14345778	211306703
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	659650	4666350	70175900
18. NET ELECTRICAL ENERGY GENERATED (MWH)	625538	4394091	66295262
19. UNIT SERVICE FACTOR	100.0	75.5	82.7
20. UNIT AVAILABILITY FACTOR	100.0	75.5	82.7
21. CAPACITY FACTOR (USING MDC NET)	100.1	71.8	81.2
22. CAPACITY FACTOR (USING DER NET)	101.2	72.6	81.6
23. UNIT FORCED OUTAGE RATE	0.0	2.9	7.1
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: 11/15/94
 COMPLETED BY: C. D. WHITE
 TELEPHONE: (407) 468-4248

REPORT MONTH OCTOBER, 1994

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 operated at essentially full power during the entire month of October.

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 - 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

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO.: 50-389
UNIT: St. Lucie #2
DATE: 11/15/94
COMPLETED BY: C.D. White
TELEPHONE: (407) 468-4248

REPORT MONTH OCTOBER, 1994

Unit 2 operated at essentially full power during the entire month of October.

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.