

ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9006190049 DOC. DATE: 90/05/31 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
 BONETT, D.M. Florida Power & Light Co.
 SAGER, D.A. Florida Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for May 1990 for St Lucie Units 1 & 2.W/900613 ltr.

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

NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTTR	ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR	ENCL
	PD2-2 LA	3	3	PD2-2 PD	1	1
	NORRIS, J	1	1			
INTERNAL:	ACRS	10	10	AEOD/DOA	1	1
	AEOD/DSP/TPAB	1	1	IRM TECH ADV	2	2
	NRR/DLPQ/LPEB10	1	1	NRR/DOEA/OEAB11	1	1
	REG-FILE 01	1	1	RGN2	1	1
EXTERNAL:	EG&G STUART, V.A	1	1	LPDR	1	1
	NRC PDR	1	1	NSIC	1	1

NOTE TO ALL "RIDS" RECIPIENTS:

PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL DESK,
 ROOM P1-37 (EXT. 20079) TO ELIMINATE YOUR NAME FROM DISTRIBUTION
 LISTS FOR DOCUMENTS YOU DON'T NEED!

TOTAL NUMBER OF COPIES REQUIRED: LTTR 27 ENCL 27

R
I
D
S
/
A
D
S

R
I
D
S
/
A
D
D
S



FPL

P.O. Box 14000, Juno Beach, FL 33408-0420

JUN 13 1990

L-90-209
10 CFR 50.36

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

Gentlemen:

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

Attached are the May 1990 Operating Status and Summary of Operating Experience Reports for St. Lucie Units 1 and 2.

Very truly yours,

D. A. Sager
Vice President
St. Lucie Plant

DAS/DMB

Attachments

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

9006190049 900531
PDR ADOCK 05000335
R FDC

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-335

UNIT St. Lucie #1

DATE _____

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

MONTH May, 1990

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

5/ 1/90	808
5/ 2/90	784
5/ 3/90	653
5/ 4/90	-19
5/ 5/90	-10
5/ 6/90	-11
5/ 7/90	-13
5/ 8/90	-27
5/ 9/90	477
5/10/90	846
5/11/90	860
5/12/90	858
5/13/90	861
5/14/90	859
5/15/90	859
5/16/90	860
5/17/90	863
5/18/90	865
5/19/90	865
5/20/90	866
5/21/90	864
5/22/90	864
5/23/90	862
5/24/90	140
5/25/90	555
5/26/90	861
5/27/90	860
5/28/90	860
5/29/90	865
5/30/90	865
5/31/90	865

OPERATING DATA REPORT

DOCKET NO 50 - 335
 DATE 6/ /90
 COMPLETED BY D. M. BONETT
 TELEPHONE 407/694/4432

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 1
2. REPORTING PERIOD: MAY 1990
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: _____	744	3623	117839.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	606.1	1327.5	88716.1
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	205.3
14. HOURS GENERATOR ON-LINE _____	594.7	1267.2	87904.2
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	39.3
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1560893	3138208	226095848
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	522870	1049100	74492170
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	493570	974245	70373110
19. UNIT SERVICE FACTOR _____	79.9	35.0	74.6
20. UNIT AVAILABILITY FACTOR _____	79.9	35.0	74.6
21. CAPACITY FACTOR (USING MDC NET) _____	79.1	32.1	74.2
22. CAPACITY FACTOR (USING DER NET) _____	79.9	32.4	73.1
23. UNIT FORCED OUTAGE RATE _____	20.1	11.3	3.6
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 #1

DATE _____

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH May, 1990

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
06	900503	F	125.5	A	1	N/A	CJ	VALVEX	Unit 1 was taken off line to repair PORV block valves. Following the repair, the unit was held at approximately 30% power for secondary chemistry control.
07	900524	F	23.8	A	1	N/A	HJ	VALVEX	Unit 1 was taken off line due to a DEH leak on the #3 governor valve. Following the repair, the unit 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 - 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 _____

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH May, 1990

Unit 1 was taken off line to repair PORV block valves. Following the repair, the unit was held for secondary chemistry control. The unit returned to power.

On May 24, unit 1 was taken off line due to a DEH leak on the #3 governor valve. Following the repair, unit 1 returned to power.

In accordance with 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 D. M. Bonett
TELEPHONE (407) 694-4432

MONTH May, 1990

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

5/ 1/90	421
5/ 2/90	736
5/ 3/90	855
5/ 4/90	855
5/ 5/90	855
5/ 6/90	854
5/ 7/90	852
5/ 8/90	852
5/ 9/90	853
5/10/90	825
5/11/90	814
5/12/90	848
5/13/90	846
5/14/90	804
5/15/90	791
5/16/90	779
5/17/90	832
5/18/90	858
5/19/90	856
5/20/90	855
5/21/90	835
5/22/90	790
5/23/90	854
5/24/90	853
5/25/90	852
5/26/90	853
5/27/90	852
5/28/90	851
5/29/90	853
5/30/90	852
5/31/90	852

OPERATING DATA REPORT

DOCKET NO 50 - 389
 DATE 6/ /90
 COMPLETED BY D. M. BONETT
 TELEPHONE 407/694/4432

OPERATING STATUS

1. UNIT NAME: ST. LUCIE UNIT 2
2. REPORTING PERIOD: MAY 1990
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: _____	744	3623	59736.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	744.0	3383.5	51552.4
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE _____	744.0	3344.2	50698.9
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1948782	8867740	132665136
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	646790	2959310	44211220
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	612903	2801803	41814917
19. UNIT SERVICE FACTOR _____	100.0	92.3	84.9
20. UNIT AVAILABILITY FACTOR _____	100.0	92.3	84.9
21. CAPACITY FACTOR (USING MDC NET) _____	98.2	92.2	85.3
22. CAPACITY FACTOR (USING DER NET) _____	99.3	93.2	85.2
23. UNIT FORCED OUTAGE RATE _____	0.0	7.7	5.5
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : 9/15/90; 64 DAYS, REFUELING _____			

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 #2

DATE _____

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH May, 1990

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
06	900501	F	0.0	A	5	N/A	HH	PUMPXX	Unit 2 reduced power to repair an oil pressure problem with the 2A Main Feedwater Pump. Following the repair, the unit 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 - 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



Small, illegible handwritten marks or characters in the top right corner.

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-389

UNIT St. Lucie #2

DATE _____

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH May, 1990

Unit 2 reduced power to repair an oil pressure problem with the 2A Main Feedwater Pump. Following the repair, unit 2 returned to power.

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

