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FACIL:50-000.Generi 50-250 Türkey 50-251 Turkey 50-335 St. Lu 50-389 St. Lu AUTH.NAME	c Docket Point Plant, Unit Point Plant, Unit Cie Plant, Unit 1, Cie Plant, Unit 2, UTHOR AFFILIATION	3, Florida Power and 4, Florida Power and Florida Power & Light Florida Power & Light Florida Power & Light Co.	d Light C (d Light C (ht Co.	DOCKET # 05000000 . 05000250 05000251 05000335 05000389					
BONETT,D.M. FI ACOSTA,R.J. FI RECIP.NAME F		t Co.		R I					
SUBJECT: Monthly operating repts for Sept 1989 for Turkey Point Units 3 & 4 & St Lucie Units 1 & 2.W/891016 ltr. S									
DISTRIBUTION CODE: TITLE: Monthly Open	IE24D COPIES RECE ating Report (per	IVED:LTR / ENCL / Tech Specs)	SIZE: 17	_					
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	NRR/DREP/RPB 10	1	1	NUDOCS-ABSTRACT	1	1	
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	NRC PDR	1	1	NSIC	1	1	

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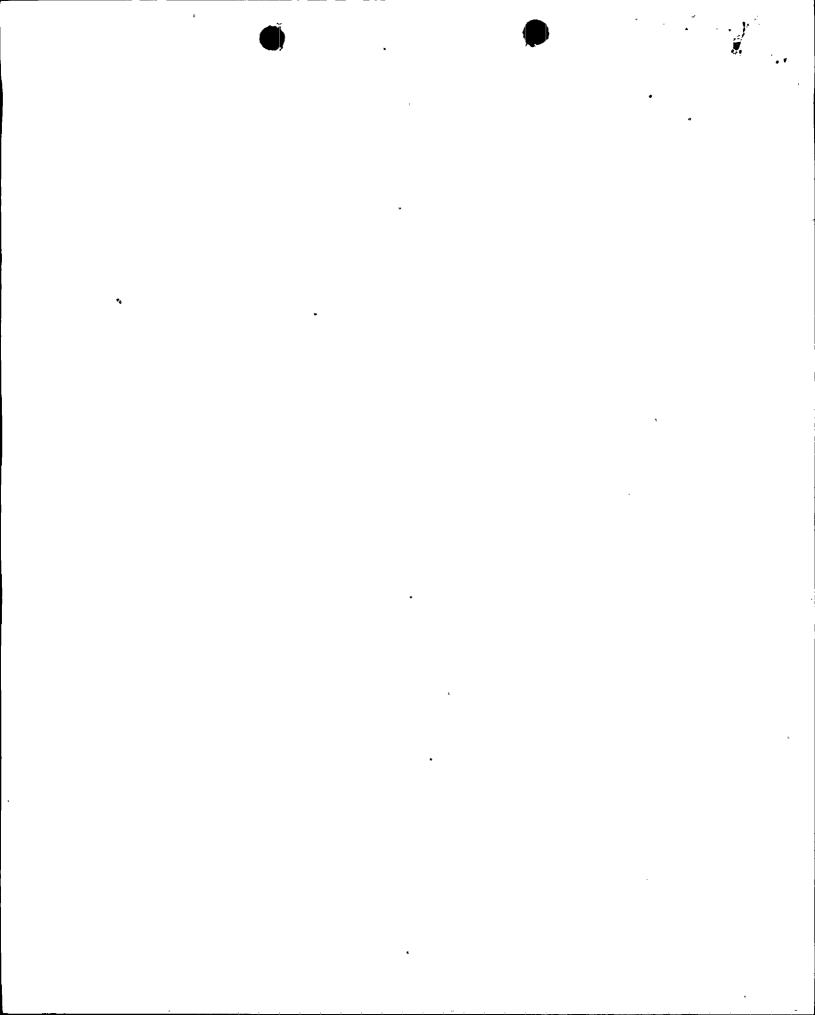
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OCTOBER 1 6 1989

L-89-372 10 CFR 50.36

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

12.

Gentlemen:

RE: Turkey Point Units 3 and 4
Docket Nos. 50-250 and 50-251
St. Lucie Units 1 and 2
Docket Nos. 50-335 and 50-389
Monthly Operating Report

Attached are the September 1989 Operating Status Reports and Summary of Operating Experience Reports for Turkey Point Units 3 and 4, and St. Lucie Units 1 and 2.

Very truly yours,

R. J. Acosta

Acting Vice President - Nuclear Energy

RJA/DMB

Attachments

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

8910270251 890930 PDR ADDCK 05000250 R PNU TEZY

DOCKET NO. <u>50-250</u>

UNIT Turkey Point #3

DATE October 16, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

MOI	NTH <u>Se</u>	ptembe	r, 198	39
DAY	AVERAGE I	DAILY	POWER	LEVEL
	(MW	e-Net) .	
	19/ 1/89	-	469	r I
	9/ 2/89		342	
	9/ 3/89		3 <i>77</i>	
	9/ 4/89		375	•
	9/ 5/89		383	
	9/ 6/89		462 666	
	9/ 8/89		673	
	9/ 9/89		634	1
	9/10/89		483	
	9/11/89		671	
	9/12/89		670	
	9/13/89		669	
	9/14/89		667	
	9/15/89		667	
	9/16/89		668	
	9/17/89		667	
	9/18/89		666	le .
	9/19/89		670	
	9/20/89		667 668	
	9/22/89		671	
1	9/23/89		671	
	9/24/89		672	
	9/25/89		671	
	9/26/89		672	
	9/27/89		668	
	9/28/89		671	
	9/29/89		676	
	9/30/89		677	

• • N. .

OFERATING DATA REFORT

DOCKET NO 50 - 250
DATE 10/16/89
COMPLETED BY D. M. BONETT
TELEPHONE 407/694/4432

OPERATING STATUS

2. 3. 4. 5. 6.	UNIT NAME: TURKEY FOINT UNIT 3 REPORTING PERIOD:SEPTEMBER 1989 LICENSED THERMAL FOWER (MWT): NAMEPLATE RATING (GROSS MWE): DESIGN ELECTRICAL RATING (NET MWE): MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): IF CHANGES OCCUR IN CAPACITY RATINGS (ITEM SINCE LAST REPORT, GIVE REASONS:	760 693 699 666 s number 3		
	POWER LEVEL TO WHICH RESTRICTED, IF ANY (N REASONS FOR RESTRICTIONS, IF ANY:	ET MWE)	,	
		MONTHLY	-YTD-	CUMULATIVE
12. 13. 14. 15. 16. 17. 18. 20. 21. 22. 23. 24.	HOURS IN REPORT PERIOD: NUMBER OF HOURS REACTOR WAS CRITICAL REACTOR RESERVE SHUTDOWN HOURS HOURS GENERATOR ON-LINE UNIT RESERVE SHUTDOWN HOURS GROSS THERMAL ENERGY GENERATED (MWH) NET ELECTRICAL ENERGY GENERATED (MWH) UNIT SERVICE FACTOR UNIT AVAILABILITY FACTOR CAPACITY FACTOR (USING MDC NET) CAPACITY FACTOR (USING DER NET) UNIT FORCED OUTAGE RATE SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS: 2/15/90; REFUELING	720.0 0.0 720.0 0.0 1457916 461295 438265 100.0 100.0 91.4 87.8 0.0	3597.5 0.0 3495.6 0.0 7266298 2320925 2179894 53.4 53.4 50.0 48.0 23.2	844.4 95653.0 121.8 198460047 63583451 60110438 64.9 64.9 62.4 58.8 13.9
25.	IF SHUT DOWN AT END OF REPORT PERIOD, ESTI	MATED DATE	OF START	JF:

DOCKET NO. 50-250

UNIT NAME Turkey Point #3

DATE <u>October 16, 1989</u>

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH September, 1989

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
09	890901	F	0.0	А	5		нн	PUMPXX."	Unit 3 reduced power to correct 3B Steam Generator Feedwater Pump Vibration. Full power operation was resumed.
10	890909	F	0.0		5		НН	PUMPXX	Unit 3 reduced power to repair 3B Steam Generator Feedwater Pump bypass line leakage. Following the repair, full power operation was resumed.

F Forced
S Scheduled

Reason

2

- 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)

Method

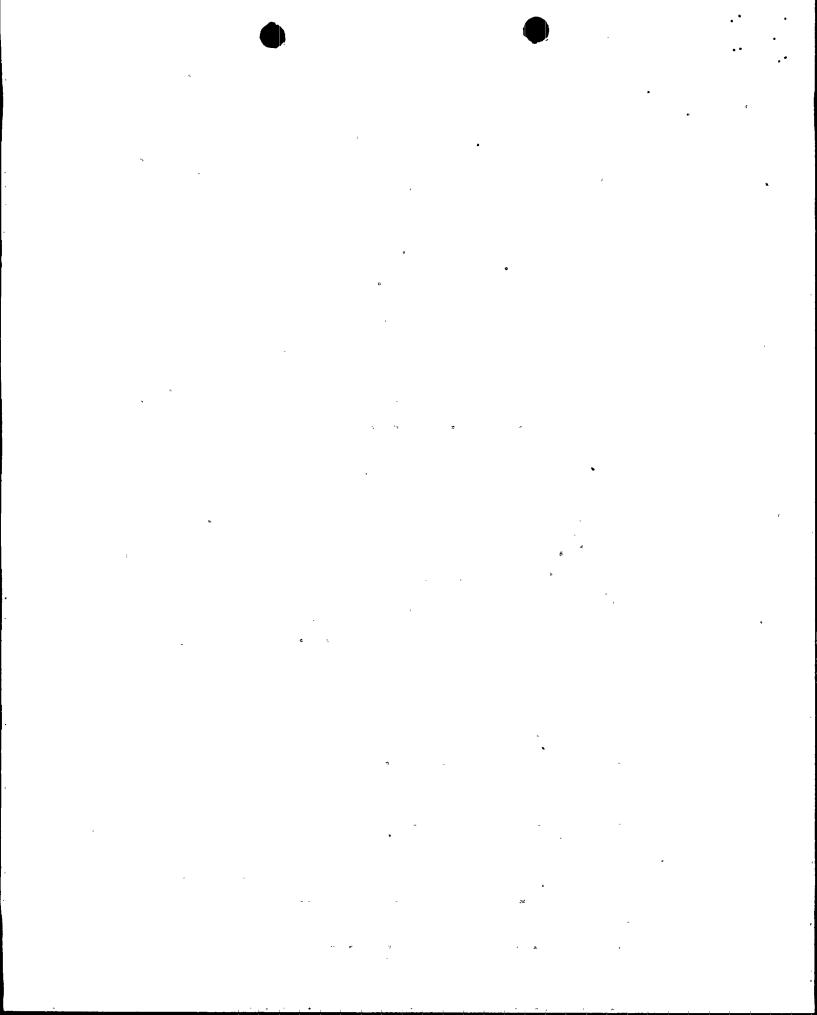
- 1 Manual
- 2 Manual Scram
- 3 Automatic Scram
- 4 Continued
- 5 Load Reduction
- 9 Other (Explain)

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

(NUREG-0161)

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DOCKET NO. <u>50-250</u>

UNIT Turkey Point #3

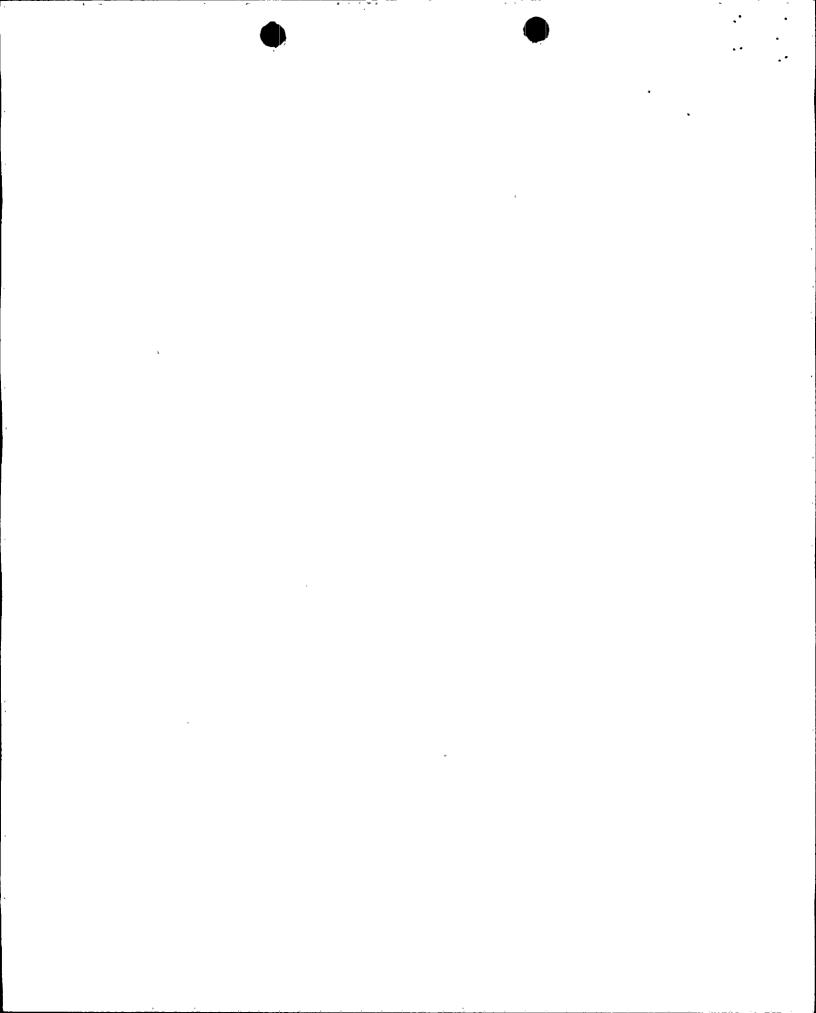
DATE October 16, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH September, 1989

Unit 3 reduced power to correct the 3B Steam Generator Feedwater Pump vibration and to repair the bypass line leakage on the 3B Steam Generator Feedwater Pump. Following the repair, full power operation was resumed.



DOCKET NO. <u>50-251</u>

UNIT Turkey Point #4

DATE October 16, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

MONTH <u>September, 1989</u> DAY AVERAGE DAILY POWER LEVEL (MWe-Net)

_	· · · · ·	-
	9/ 1/89	665
	9/ 2/89	664
	9/ 3/89	664
	9/ 4/89	665
	9/ 5/89	667
	9/ 6/89	245
	9/ 7/89	5
	9/ 8/89	331
	9/ 9/89	345
	9/10/89	314
	9/11/89	601
	9/12/89	668
	9/13/89	668
	9/14/89	868
	9/15/89	110
	9/16/89	-16
	9/17/89	-15
	9/18/89	-19
	9/19/89	-20
	9/20/89	-20
	9/21/89	-17
	9/22/89	-13
1	9/23/89	-8
	9/24/89	-3
	9/25/89	-3
	9/26/89	-3
!	9/27/89	-3
	9/28/89	-3
	9/29/89	-11
	9/30/89	-10
	-	**************************************

OFERATING DATA REPORT

DOCKET NO 50 - 251 DATE 10/16/89 COMPLETED BY D. M. BONETT TELEPHONE 407/694/4432

OPERATING STATUS

4. NAMEPLATE RATING (GROSS MWE): 760 5. DESIGN ELECTRICAL RATING (NET MWE): 693 6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 699 7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 666 8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBER SINCE LAST REPORT, GIVE REASONS:		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE)_ 10. REASONS FOR RESTRICTIONS, IF ANY:		
нтиом	ILY -YTD-	
11. HOURS IN REPORT PERIOD: 720 12. NUMBER OF HOURS REACTOR WAS CRITICAL 340. 13. REACTOR RESERVE SHUTDOWN HOURS 0. 14. HOURS GENERATOR ON-LINE 307. 15. UNIT RESERVE SHUTDOWN HOURS 0. 16. GROSS THERMAL ENERGY GENERATED (MWH) 59796 17. GROSS ELECTRICAL ENERGY GENERATED (MWH) 18521 18. NET ELECTRICAL ENERGY GENERATED (MWH) 17042 19. UNIT SERVICE FACTOR 42. 20. UNIT AVAILABILITY FACTOR 42. 21. CAPACITY FACTOR (USING MDC NET) 35. 22. CAPACITY FACTOR (USING DER NET) 34. 23. UNIT FORCED OUTAGE RATE 57.	0 0.0 7 1991.1 00.0 1 3834944 9 1189204 1094127 7 30.4 7 30.4 5 25.1 2 24.1 324.9	166.6 89185.2 32.1 187917364 59938006 56677386 63.2 63.2 61.5 57.9 11.8

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUF: 10/13/89

DOCKET NO. 50-251

UNIT NAME Turkey Point #4

DATE October 16, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH September, 1989

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
22	890906	F	32.7	А	1		HF	нтехсн	Unit 4 was shutdown to repair to condenser tube leaks. Full power operation was delayed for secondary chemistry control.
23	890915	F	379.6		2		НА	VALVEX	Unit 4 was manually tripped following a turbine stop välve closure. The unit outage was extended for repairs of additional components.

1 F Forced

S Scheduled

Reason

2

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

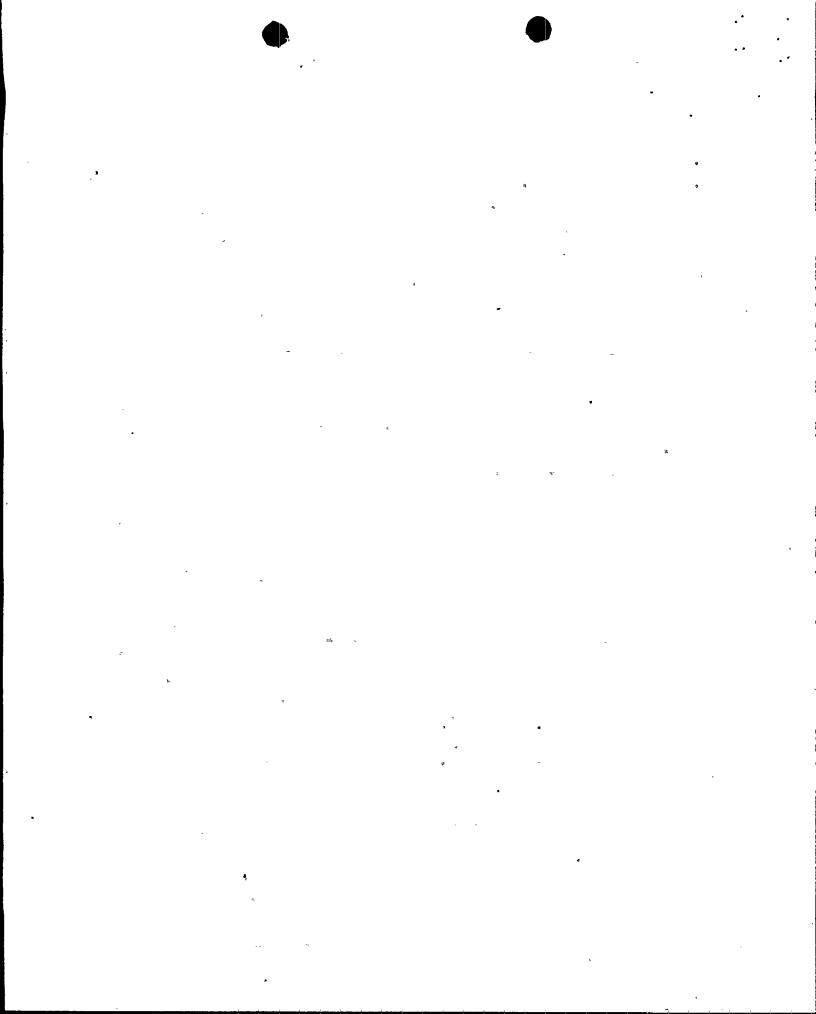
4 - Continued

5 - Load Reduction

9 - Other (Explain)

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

5



DOCKET NO. 50-251_

UNIT Turkey Point #4

DATE October 16, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH September, 1989

Unit 4 was shutdown to repair condenser tube leaks. Full power operation was delayed for secondary chemistry control.

The unit was manually tripped following a turbine stop valve closure. The unit outage was extended for repairs of additional components.

DOCKET NO. <u>50-335</u>

UNIT St. Lucie #1

DATE October 16, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

	•			
MO	NTH <u>Se</u>	eptembe	er, 198	39
DAY	AVERAGE	DAILY	POWER	LEVEL
	(M	We-Net	.)	
	(9/ 1/89	7	799	
	9/ 2/89	7	746	
	9/ 3/89	7	843	
	9/ 4/89	7	845	
	9/ 5/89	?	838	•
	g9/ 6/89	7	838	
	9/ 7/89	7	835	
	9/ 8/89	7	825	
	9/ 9/89		831	
	9/10/89		832	
	9/11/89)	830	
	9/12/89	7	822	
	9/13/89	?	472	*
	9/14/89	7	295	
			843	
	9/16/89	7	842	
	9/17/89	?	843	1
	9/18/89	7	841	
	9/19/89	>	842	
	9/20/89	?	843	
	9/21/89		844	

786

656

708 775

851

849

838

845 🖟

849

9/22/89

9/23/89

9/24/89 9/25/89

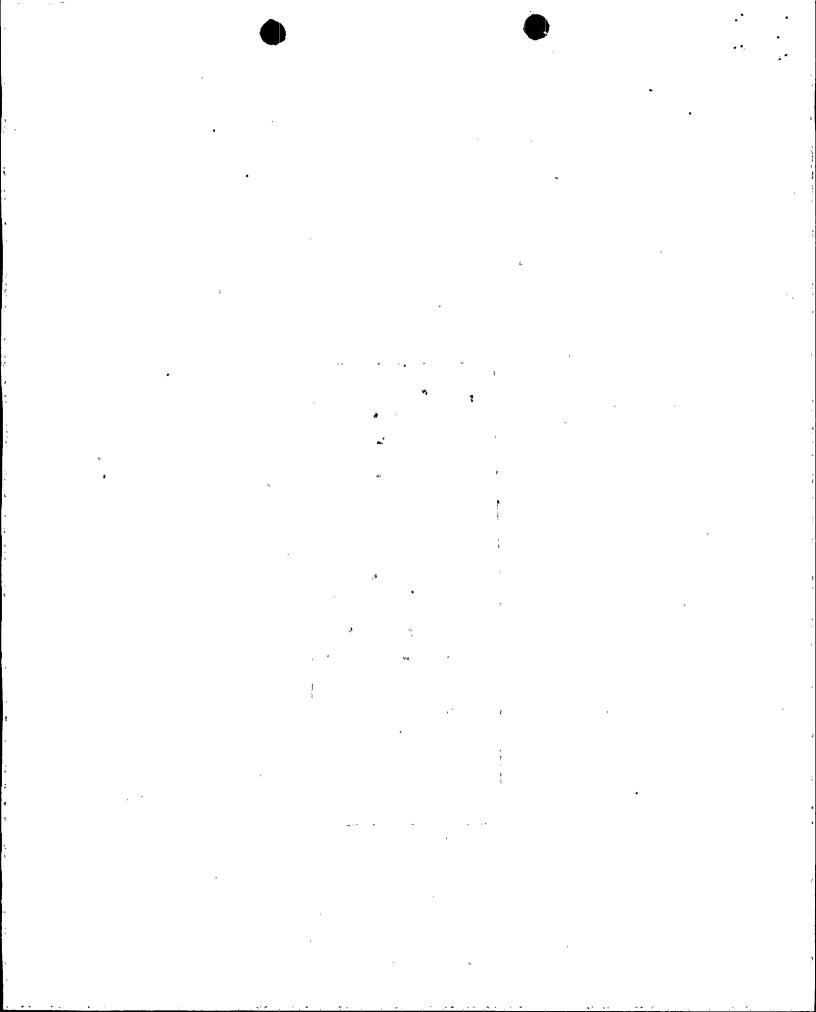
9/26/89

9/27/89

9/28/89

9/29/89

9/30/89



OFERATING DATA REFORT

DOCKET NO 50 - 335 DATE 10/16/89 COMPLETED BY D. M. BONETT TELEPHONE 407/694/4432

OPERATING STATUS

3. 4. 5. 6. 7.	UNIT NAME: ST. LUCIE UNIT 1 REPORTING PERIOD:SEPTEMBER 1989 LICENSED THERMAL POWER (MWT): NAMEPLATE RATING (GROSS MWE): DESIGN ELECTRICAL RATING (NET MWE): MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): MAXIMUM DEPENDABLE CAPACITY (NET MWE): IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS SINCE LAST REPORT, GIVE REASONS:	2700 850 830 872 839 5 NUMBER 3		7)
	POWER LEVEL TO WHICH RESTRICTED, IF ANY (NEASONS FOR RESTRICTIONS, IF ANY:	ET MWE)		
		MONTHLY	-YTD-	CUMULATIVE
	HOURS IN REPORT PERIOD:NUMBER OF HOURS REACTOR WAS CRITICAL	720 700.4	6551 6081-0	112007.0 85179.6
13.	REACTOR RESERVE SHUTDOWN HOURS HOURS GENERATOR ON-LINE	0.0	0.0	205.3
14.	HOURS GENERATOR ON-LINE	698.1	6071.2	84450.5
15.	UNIT RESERVE SHUTDOWN HOURS	0.0	0+0	39.3
16.	GROSS THERMAL ENERGY GENERATED (MWH)	1834971	16151606	
				71518020
	NET ELECTRICAL ENERGY GENERATED (MWH)			67572909 75. 4
77. 77.	UNIT SERVICE FACTORUNIT AVAILABILITY FACTOR	97.0	92.7	75.4 75.4
Z.V +	CAPACITY FACTOR (USING MDC NET) CAPACITY FACTOR (USING DER NET)	94.2	93.2	74.9
21.	ON NOTE IN THE PARTY OF THE PAR	95.2	94.2	73.8
21. 22.	CAPACITY FACTOR (USING DER NET)			
21. 22.	UNIT FORCED OUTAGE RATE	2.0	0.2	3.5

DOCKET NO. 50-335

UNIT NAME St. Lucie #1

DATE <u>October 16, 1989</u>

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH September, 1989

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
03	890913	F	21.9	Н	3	, . ,	IA	CKTBRK	Unit 1's reactor tripped due to maintenance activities on the reactor protection system and trip switchgear. Full power operation was resumed.
04	890922	F	0.0		5		нс	PUMPXX	The unit reduced power to replace ? the 1A Heater Drain Pump Seal.

F Forced S Scheduled

Reason

2

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)

Method

3

1 - Manual

2 - Manual Scram

3 - Automatic Scram

4 - Continued

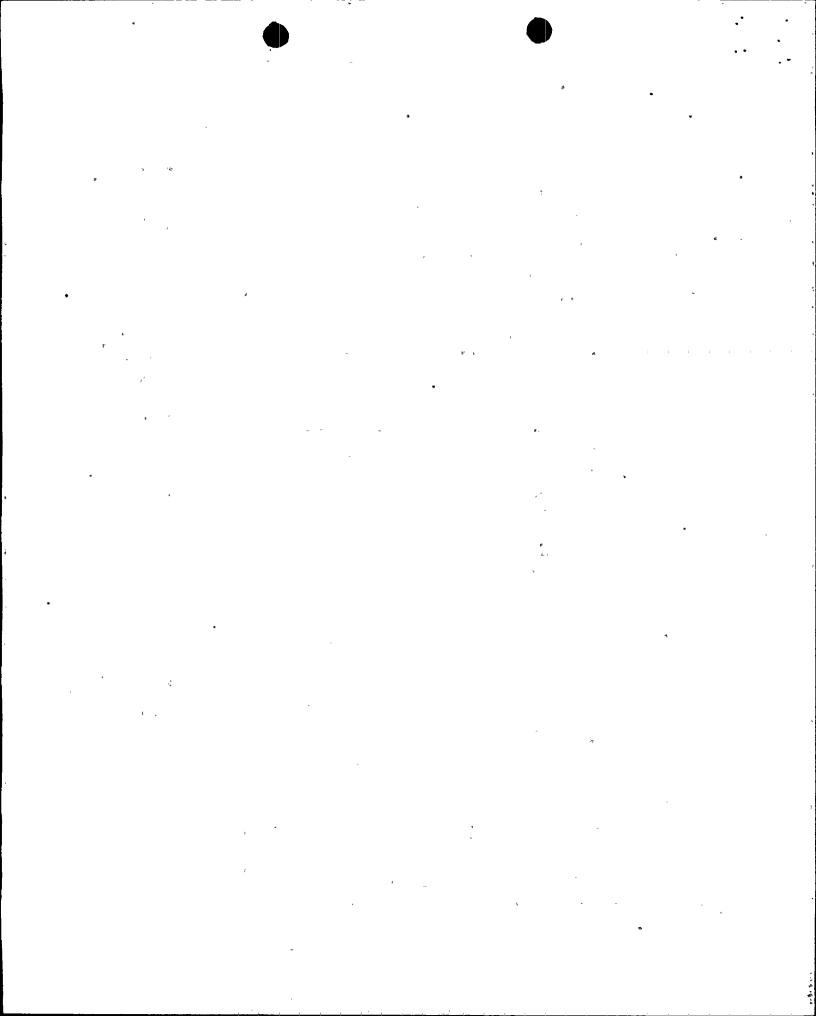
5 - Load Reduction

9 - Other (Explain)

4

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

5



DOCKET NO. <u>50-335</u>

UNIT St. Lucie #1

DATE October 16, 1989

COMPLETED BY D. M. Bonett

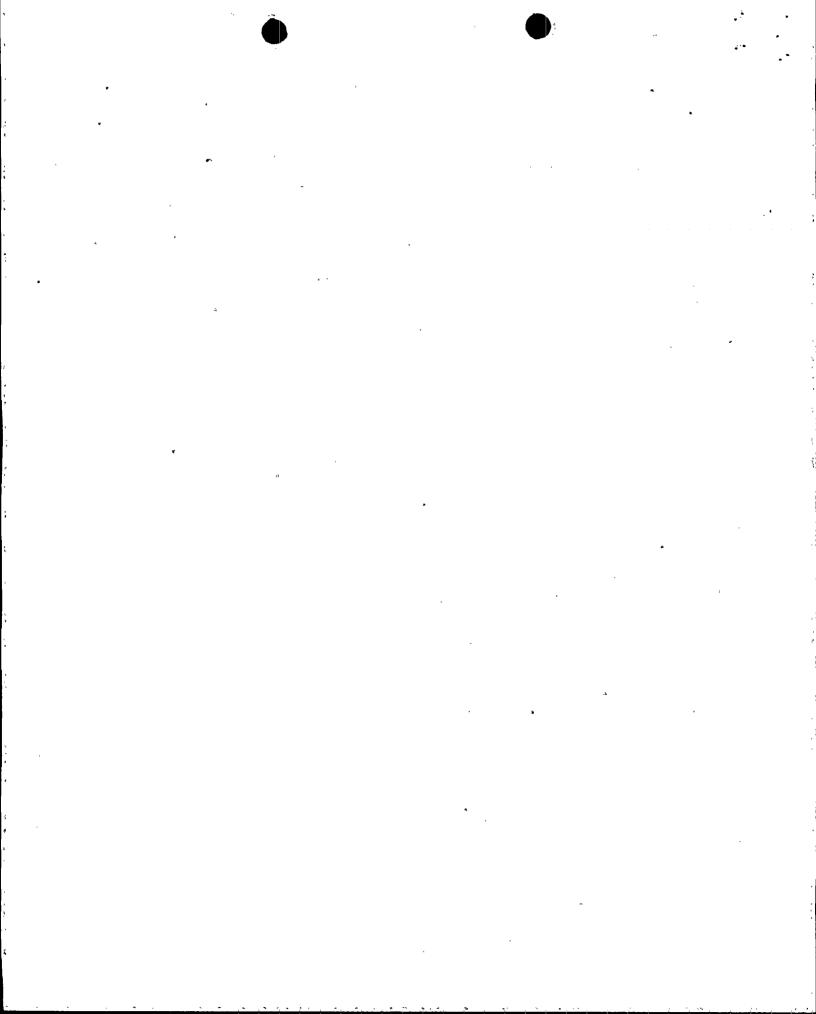
TELEPHONE (407) 694-4432

REPORT MONTH ____September, 1989___

Unit 1's reactor tripped due to maintenance activities on the reactor protection system and trip switchgear.

The unit reduced power to replace the 1A heater drain pump seal. Full power operation was resumed.

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



DOCKET NO. <u>50-389</u>

UNIT St. Lucie #2

DATE October 16, 1989

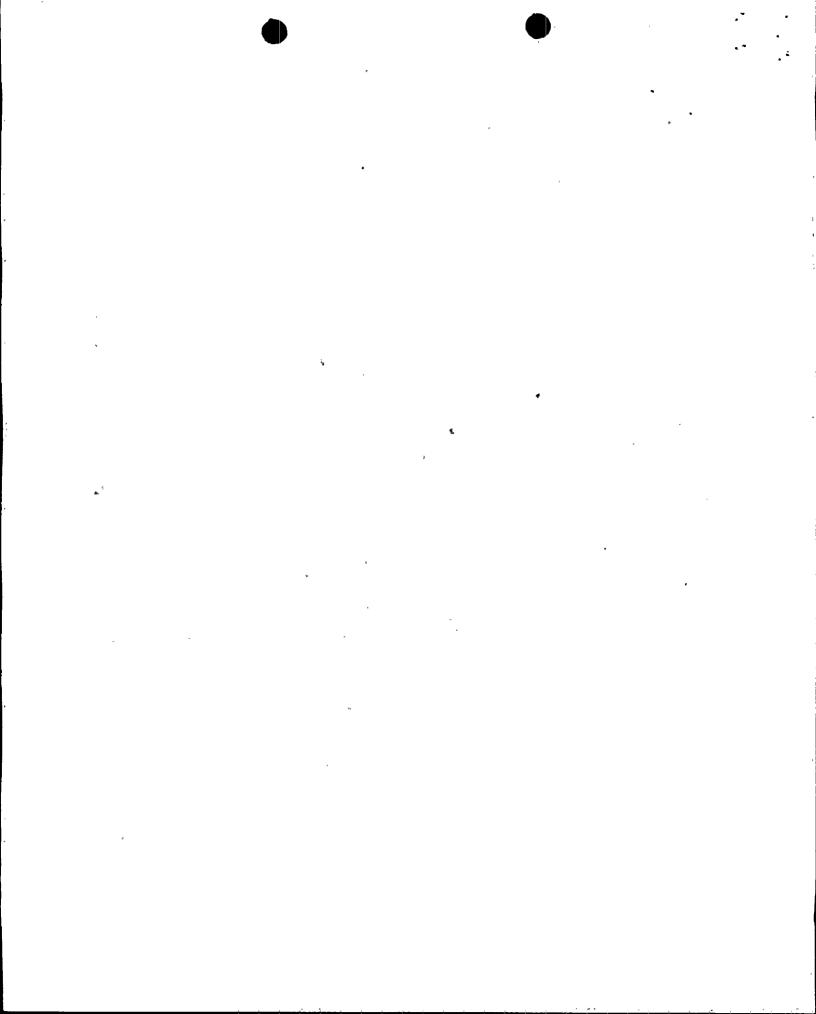
COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

MONTH <u>September, 1989</u>
DAY AVERAGE DAILY POWER LEVEL

(MWe-Net)

(Me-Me	:6)
9/ 1/89	844
9/ 2/89	845
9/ 3/89	4 848
9/ 4/89	848
9/ 5/89	845
9/ 4/89 9/ 5/89 9/ 6/89 9/ 7/89	845
	844
9/ 8/89	842
9/ 9/89	843
9/10/89	845
9/11/89	845
9/12/89	846
9/13/89	846
9/14/89	846
	845
9/16/89	847
\$ <i>9/17/</i> 89	845
9/18/89	844
9/19/89	844
9/20/89 9/21/89	845
	845
9/22/89	84 <i>7</i>
9/23/89	192
9/24/89	-34
9/25/89	-34
9/26/89	-33
9/27/89	319
9/28/89	844
9/29/89	843
9/30/89	823
	-

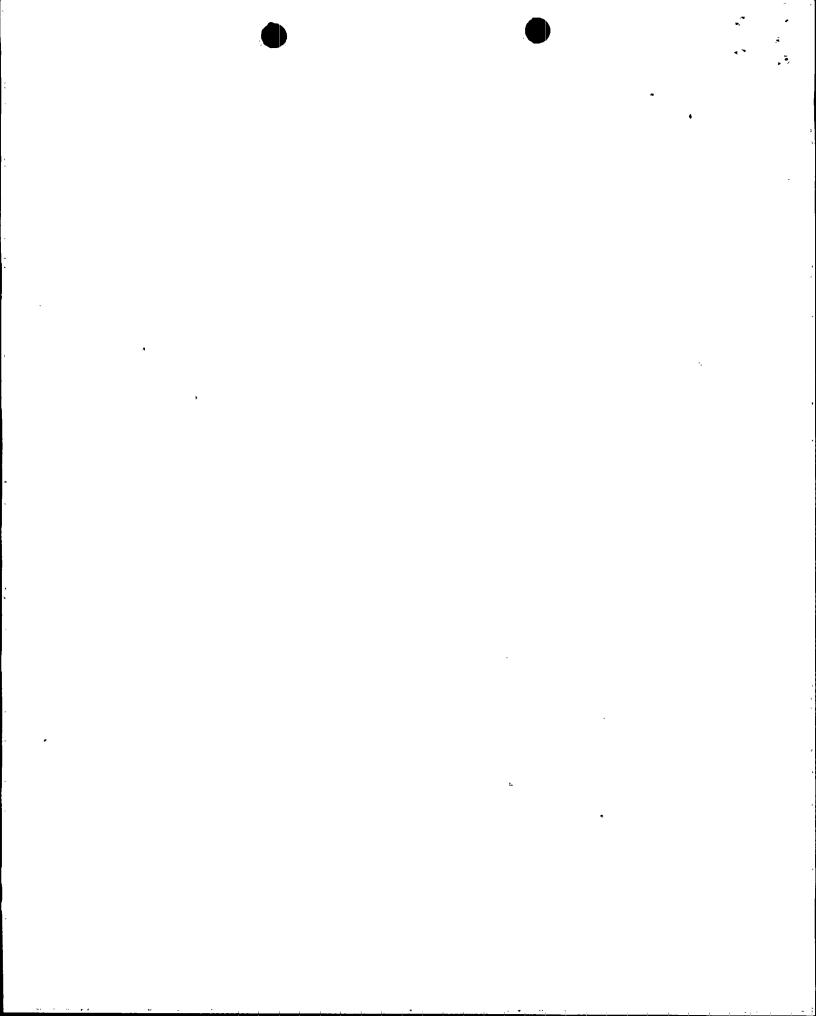


OPERATING DATA REPORT

DOCKET NO 50 - 389
DATE 10/16/89
COMPLETED BY D. M. BONETT
TELEPHONE 407/694/4432

OPERATING STATUS

LICENSED THERMAL FOWER (MWT): NAMEPLATE RATING (GROSS MWE): DESIGN ELECTRICAL RATING (NET MWE): MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): MAXIMUM DEPENDABLE CAPACITY (NET MWE): IF CHANGES OCCUR IN CAPACITY RATINGS (ITEM SINCE LAST REPORT, GIVE REASONS:	850 830 882 839 S NUMBER 3		
POWER LEVEL TO WHICH RESTRICTED, IF ANY (N REASONS FOR RESTRICTIONS, IF ANY:	ET MWE)		
HOURS IN REPORT PERIOD:	720 427 8	6551 4417.0	53904.0
MOUREK OF HOOKS KENCION WHO CKITTOHE	0.47	941747	9.0
HOURS GENERATOR ON-LINE	618.7	4324.1	45145.7
UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
GROSS THERMAL ENERGY GENERATED (MWH)	1661957	11419202	117902872
GROSS ELECTRICAL ENERGY GENERATED (MWH) _	548040	3795840	39292680
		3580005	37154898
UNIT SERVICE FACTOR	85.9	66.0	83.8
UNIT AVAILABILITY FACTOR	85.9	66+0	83.8
CAPACITY FACTOR (USING MDC NET)	85.5	QD+T	83+7 02 0
UNIT CODOED OUTSOL DATE	1/1	9J+D	03+7 독,독
SHITDOWNS SCHEDILLED OVER NEXT 6 MONTHS :		0+1	
the same and the gain and the last the last the same and the same took one in last the same and			
	REPORTING PERIOD:SEPTEMBER 1989 LICENSED THERMAL POWER (MWT): NAMEPLATE RATING (GROSS MWE): DESIGN ELECTRICAL RATING (NET MWE): MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): IF CHANGES OCCUR IN CAPACITY RATINGS (ITEM SINCE LAST REPORT, GIVE REASONS: POWER LEVEL TO WHICH RESTRICTED, IF ANY (N REASONS FOR RESTRICTIONS, IF ANY: HOURS IN REPORT PERIOD: NUMBER OF HOURS REACTOR WAS CRITICAL REACTOR RESERVE SHUTDOWN HOURS HOURS GENERATOR ON-LINE UNIT RESERVE SHUTDOWN HOURS GROSS THERMAL ENERGY GENERATED (MWH) UNIT SERVICE FACTOR UNIT SERVICE FACTOR UNIT AVAILABILITY FACTOR CAPACITY FACTOR (USING MDC NET) CAPACITY FACTOR (USING DER NET) UNIT FORCED OUTAGE RATE SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS:	REPORTING PERIOD:SEPTEMBER 1989 LICENSED THERMAL POWER (MWT):	REPORTING PERIOD:SEPTEMBER 1989 LICENSED THERMAL POWER (MWT):



DOCKET NO. 50-389

UNIT NAME St. Lucie #2

DATE <u>October 16, 1989</u>

COMPLETED BY D. M. Bonett

REPORT MONTH September, 1989

TELEPHONE	(407)	694-4432

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	890923	F	101.3		2		RB	CONROD	Unit 2 was manually tripped due to five control rods dropping. Full power operation was delayed for Nuclear - Delta T power calibration.

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

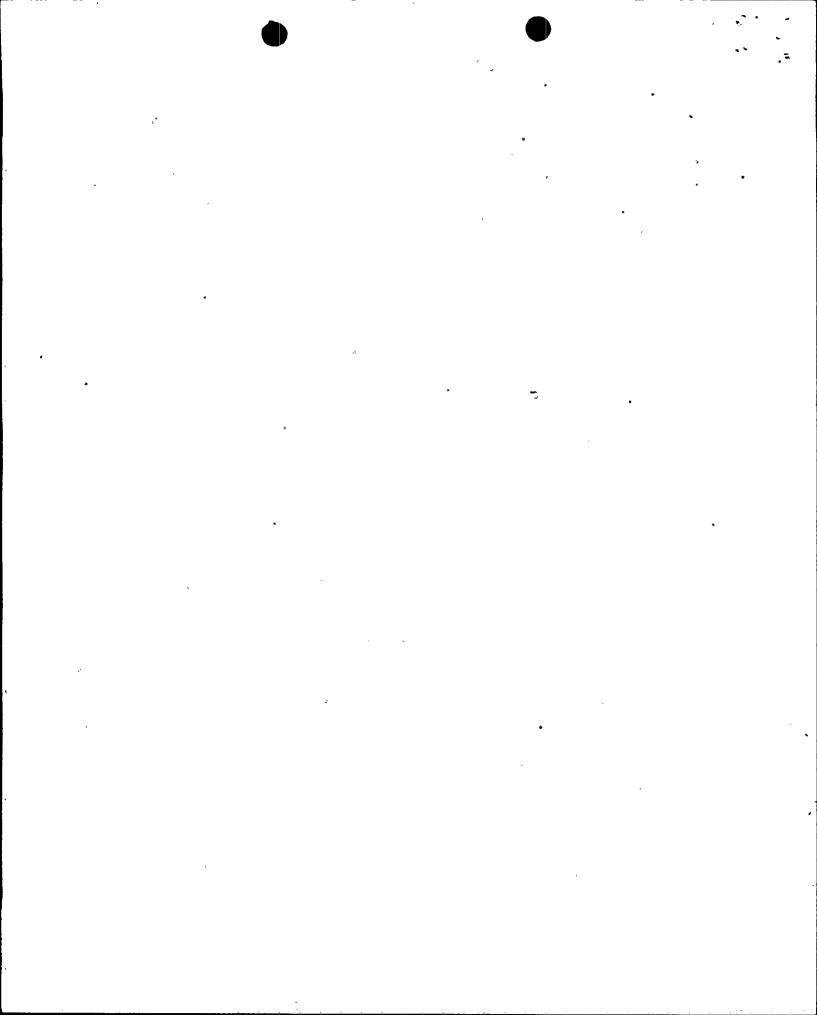
4 - Continued

5 - Load Reduction

9 - Other (Explain)

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

5



DOCKET NO. 50-389

UNIT St. Lucie #2

DATE October 16, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH ___September, 1989

Unit 2 was manually tripped due to five control rods dropping. Full power operation was resumed.

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