

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250

UNIT Turkey Point #3

DATE November 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

MONTH October, 1989

DAY AVERAGE DAILY POWER LEVEL

(MWe-Net)

10/ 1/89	675
10/ 2/89	670
10/ 3/89	670
10/ 4/89	669
10/ 5/89	671
10/ 6/89	676
10/ 7/89	672
10/ 8/89	671
10/ 9/89	671
10/10/89	669
10/11/89	603
10/12/89	363
10/13/89	383
10/14/89	387
10/15/89	383
10/16/89	384
10/17/89	370
10/18/89	193
10/19/89	404
10/20/89	676
10/21/89	700
10/22/89	701
10/23/89	698
10/24/89	693
10/25/89	688
10/26/89	685
10/27/89	683
10/28/89	684
10/29/89	686
10/30/89	687
10/31/89	684

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-250

UNIT NAME Turkey Point #3

DATE November 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH October, 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
11	891012	F	0.0	A	5		HH	PUMPXX	Unit 3 reduced power to repair the 3B Steam Generator Feedwater Pump Thrust Bearing and to repair the 3B Condenser Waterbox Tube Rupture. Following the repairs, full power operation was resumed.

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

OPERATING DATA REPORT

DOCKET NO 50 - 250
 DATE 11/15/89
 COMPLETED BY D. M. BONETT
 TELEPHONE 407/694/4432

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 3
2. REPORTING PERIOD: OCTOBER 1989
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): 699
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 666
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	148209.6
12. NUMBER OF HOURS REACTOR WAS CRITICAL _____	745.0	4342.5	97726.2
13. REACTOR RESERVE SHUTDOWN HOURS _____	0.0	0.0	844.4
14. HOURS GENERATOR ON-LINE _____	745.0	4240.6	96398.0
15. UNIT RESERVE SHUTDOWN HOURS _____	0.0	0.0	121.8
16. GROSS THERMAL ENERGY GENERATED (MWH) _____	1461571	8727869	199921618
17. GROSS ELECTRICAL ENERGY GENERATED (MWH) _____	466925	2787850	64050376
18. NET ELECTRICAL ENERGY GENERATED (MWH) _____	443444	2623338	60553882
19. UNIT SERVICE FACTOR _____	100.0	58.1	65.0
20. UNIT AVAILABILITY FACTOR _____	100.0	58.1	65.1
21. CAPACITY FACTOR (USING MDC NET) _____	89.4	54.0	62.6
22. CAPACITY FACTOR (USING DER NET) _____	85.9	51.9	59.0
23. UNIT FORCED OUTAGE RATE _____	0.0	20.0	13.1
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS : 2/15/90; REFUELING _____			

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

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-250

UNIT Turkey Point #3

DATE November 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH October, 1989

Unit 3 reduced power to repair the 3B Steam Generator Feedwater Pump Thrust Bearing and to repair the 3B Condenser Waterbox Tube Rupture. Following the repair, full power operation was resumed.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-251

UNIT Turkey Point #4

DATE November 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

MONTH October, 1989

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

10/ 1/89	-13
10/ 2/89	-19
10/ 3/89	-23
10/ 4/89	-22
10/ 5/89	-18
10/ 6/89	-19
10/ 7/89	-20
10/ 8/89	-13
10/ 9/89	-12
10/10/89	-11
10/11/89	-11
10/12/89	-15
10/13/89	-20
10/14/89	23
10/15/89	283
10/16/89	568
10/17/89	663
10/18/89	670
10/19/89	577
10/20/89	-18
10/21/89	49
10/22/89	296
10/23/89	479
10/24/89	640
10/25/89	688
10/26/89	685
10/27/89	537
10/28/89	-23
10/29/89	-17
10/30/89	359
10/31/89	673

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-251

UNIT NAME Turkey Point #4

DATE November 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH October, 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
23	890915	F	328.9	A	4		HA	VALVEX	Unit 4 was manually tripped following a turbine stop valve closure. The unit outage was extended for repairs of additional components. Full power operation was delayed for secondary chemistry control and flux mapping.
24	891019	F	39.6	A	1		IA	INSTRU	Unit 4 was taken off line for the Excore Detector N-42 replacement. Full power operation was delayed for secondary chemistry control and detector calibration.
25	891027	F	50.3	A	1		HA	VALVEX	Unit 4 was shutdown to repair a turbine control valve oil leak. Full power operation was delayed for secondary chemistry control and turbine valve 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 - 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



OPERATING DATA REPORT

DOCKET NO 50 - 251
 DATE 11/15/89
 COMPLETED BY D. M. BONETT
 TELEPHONE 407/694/4432

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 4
2. REPORTING PERIOD: OCTOBER 1989
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): 699
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 666
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	141941.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	488.0	2780.1	93016.7
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	166.6
14. HOURS GENERATOR ON-LINE	326.2	2317.2	89511.3
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	32.1
16. GROSS THERMAL ENERGY GENERATED (MWH)	585941	4420885	188503305
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	183555	1372759	60121561
18. NET ELECTRICAL ENERGY GENERATED (MWH)	165579	1259706	56842965
19. UNIT SERVICE FACTOR	43.8	31.8	63.1
20. UNIT AVAILABILITY FACTOR	43.8	31.8	63.1
21. CAPACITY FACTOR (USING MDC NET)	33.4	25.9	61.3
22. CAPACITY FACTOR (USING DER NET)	32.1	24.9	57.8
23. UNIT FORCED OUTAGE RATE	56.2	31.8	12.1
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

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

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-251

UNIT Turkey Point #4

DATE November 15, 1989

COMPLETED BY D. M. Bonett

TELEPHONE (407) 694-4432

REPORT MONTH October, 1989

Unit 4 was manually tripped following a turbine stop valve closure. The unit outage was extended for repairs of additional components. Full power operation was delayed for secondary chemistry control and flux mapping.

The unit was taken off line for the Excore Detector N-42 replacement. Full power operation was delayed for secondary chemistry control and detector calibration.

Unit 4 was shutdown to repair a turbine control valve oil leak. Full power operation was delayed for secondary chemistry control and turbine valve testing.



Country	1950	1960	1970	1980	1990	2000	2010	2020	2030	2040	2050
Japan	7	8	10	12	14	16	18	20	22	24	26
Germany	10	11	12	13	14	15	16	17	18	19	20
France	11	12	13	14	15	16	17	18	19	20	21
Italy	12	13	14	15	16	17	18	19	20	21	22
Spain	13	14	15	16	17	18	19	20	21	22	23
Sweden	14	15	16	17	18	19	20	21	22	23	24
United Kingdom	15	16	17	18	19	20	21	22	23	24	25
United States	16	17	18	19	20	21	22	23	24	25	26
Canada	17	18	19	20	21	22	23	24	25	26	27
Australia	18	19	20	21	22	23	24	25	26	27	28
South Africa	19	20	21	22	23	24	25	26	27	28	29
India	20	21	22	23	24	25	26	27	28	29	30
China	21	22	23	24	25	26	27	28	29	30	31
Indonesia	22	23	24	25	26	27	28	29	30	31	32
Philippines	23	24	25	26	27	28	29	30	31	32	33
Thailand	24	25	26	27	28	29	30	31	32	33	34
Malaysia	25	26	27	28	29	30	31	32	33	34	35
Singapore	26	27	28	29	30	31	32	33	34	35	36
South Korea	27	28	29	30	31	32	33	34	35	36	37
Taiwan	28	29	30	31	32	33	34	35	36	37	38
Hong Kong	29	30	31	32	33	34	35	36	37	38	39
China (incl. HK)	30	31	32	33	34	35	36	37	38	39	40
India (incl. HK)	31	32	33	34	35	36	37	38	39	40	41
Indonesia (incl. HK)	32	33	34	35	36	37	38	39	40	41	42
Philippines (incl. HK)	33	34	35	36	37	38	39	40	41	42	43
Thailand (incl. HK)	34	35	36	37	38	39	40	41	42	43	44
Malaysia (incl. HK)	35	36	37	38	39	40	41	42	43	44	45
Singapore (incl. HK)	36	37	38	39	40	41	42	43	44	45	46
South Korea (incl. HK)	37	38	39	40	41	42	43	44	45	46	47
Taiwan (incl. HK)	38	39	40	41	42	43	44	45	46	47	48
Hong Kong (incl. HK)	39	40	41	42	43	44	45	46	47	48	49
China (excl. HK)	40	41	42	43	44	45	46	47	48	49	50
India (excl. HK)	41	42	43	44	45	46	47	48	49	50	51
Indonesia (excl. HK)	42	43	44	45	46	47	48	49	50	51	52
Philippines (excl. HK)	43	44	45	46	47	48	49	50	51	52	53
Thailand (excl. HK)	44	45	46	47	48	49	50	51	52	53	54
Malaysia (excl. HK)	45	46	47	48	49	50	51	52	53		