

ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9005180076 DOC. DATE: ~~90/06/30~~ NOTARIZED: NO DOCKET #
 FACIL: 50-250 Turkey Point Plant, Unit 3, Florida Power and Light C 05000250
 50-251 Turkey Point Plant, Unit 4, Florida Power and Light C 05000251
 AUTH. NAME AUTHOR AFFILIATION
 BONETT, D.M. Florida Power & Light Co.
 HARRIS, K.N. Florida Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating repts for Apr 1990 for Turkey Point, Units
 2 & 3. W/900515 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
	EDISON, G	1 1		
INTERNAL:	AEOD/DOA	1 1	AEOD/DSP/TPAB	1 1
	IRM TECH ADV	2 2	NRR/DLPQ/LPEB10	1 1
	NRR/DOEA/OEAB11	1 1	<u>REG FILE</u> 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 17 ENCL 17

*mf
wk*



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

MAY 15 1990

L-90-178
10 CFR 50.36

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

Gentlemen:

RE: Turkey Point Units 3 and 4
Docket Nos. 50-250 and 50-251
Monthly Operating Report

In accordance with the requirements of Turkey Point Units 3 and 4 Technical Specification 6.9.1.c, and the guidance of NUREG 0020, attached are the April 1990 Operating Status and Summary of Operating Experience Reports for Turkey Point Units 3 and 4.

Very truly yours,

K. N. Harris
Vice President
Turkey Point Plant Nuclear

KNH/DRP/RAT/rat

attachments

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

9005180076 900430
PDR ADOCK 05000250
R PDC

JE24
11

000 2 : YAM

| | | | | | | | | | | | | | | | | | | | | |

SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50-250

UNIT Turkey Point #3

DATE May 15, 1990

COMPLETED BY R. A. Tierney

TELEPHONE (305) 246-7103

REPORT MONTH April, 1990

Unit 3 was shutdown for a scheduled refueling and maintenance outage.

OPERATING DATA REPORT

DOCKET NO 50 - 250
 DATE 5/ 8/90
 COMPLETED BY D. M. BONETT
 TELEPHONE 407/694/4432

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 3
2. REPORTING PERIOD: APRIL 1990
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:	719	2879	152552.6
12. NUMBER OF HOURS REACTOR WAS CRITICAL	0.0	814.9	100005.0
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	844.4
14. HOURS GENERATOR ON-LINE	0.0	814.3	98669.0
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	121.8
16. GROSS THERMAL ENERGY GENERATED (MMH)	0	1791182	204825985
17. GROSS ELECTRICAL ENERGY GENERATED (MMH)	0	575155	65636031
18. NET ELECTRICAL ENERGY GENERATED (MMH)	-4400	540404	62057253
19. UNIT SERVICE FACTOR	0.0	28.3	64.7
20. UNIT AVAILABILITY FACTOR	0.0	28.3	64.8
21. CAPACITY FACTOR (USING MDC NET)	0.0	28.2	62.4
22. CAPACITY FACTOR (USING DER NET)	0.0	27.1	58.7
23. UNIT FORCED OUTAGE RATE	0.0	0.0	12.8
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 5/28/90

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-250

UNIT Turkey Point #3

DATE May 15, 1990

COMPLETED BY R. A. Tierney

TELEPHONE (305) 246-7103

MONTH April, 1990

DAY AVERAGE DAILY POWER LEVEL

(MWe-Net)

4/01/90	-2
4/02/90	-2
4/03/90	-2
4/04/90	-2
4/05/90	-2
4/06/90	-2
4/07/90	-2
4/08/90	-2
4/09/90	-2
4/10/90	-2
4/11/90	-2
4/12/90	-3
4/13/90	-2
4/14/90	-3
4/15/90	-2
4/16/90	-3
4/17/90	-3
4/18/90	-2
4/19/90	-2
4/20/90	-4
4/21/90	-14
4/22/90	-14
4/23/90	-16
4/24/90	-18
4/25/90	-15
4/26/90	-10
4/27/90	-11
4/28/90	-13
4/29/90	-16
4/30/90	-12

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-250

UNIT NAME Turkey Point #3

DATE May 15, 1990

COMPLETED BY R. A. Tierney

TELEPHONE (305) 246-7103

REPORT MONTH April, 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
15	900203	S	719	C	4	N/A	RC	FUEL XX	UNIT WAS SHUTDOWN FOR A SCHEDULED REFUELING AND MAINTENANCE OUTAGE

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. 50-251

UNIT Turkey Point #4

DATE May 15, 1990

COMPLETED BY R. A. Tierney

TELEPHONE (305) 246-7103

REPORT MONTH April, 1990

Unit 4 tripped on April 9, 1990 due to an internal failure of the Underfrequency Relay on the Reactor Coolant Pump. While in cold shutdown Safeguards testing was performed on Unit 3. Unanticipated holds were encountered during heatup caused by a RHR Pump Seal leak, following the resolution of these holds Unit 4 returned to power.

OPERATING DATA REPORT

DOCKET NO 50 - 251
 DATE 5/ 8/90
 COMPLETED BY D. M. BONETT
 TELEPHONE 407/694/4432

OPERATING STATUS

1. UNIT NAME: TURKEY POINT UNIT 4
2. REPORTING PERIOD: APRIL 1990
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:	719	2879	146284.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	519.2	2461.6	96845.2
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	166.6
14. HOURS GENERATOR ON-LINE	504.4	2434.9	93307.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	32.1
16. GROSS THERMAL ENERGY GENERATED (MMH)	1086308	5307126	196531470
17. GROSS ELECTRICAL ENERGY GENERATED (MMH)	350599	1734229	62728060
18. NET ELECTRICAL ENERGY GENERATED (MMH)	329874	1647574	59318734
19. UNIT SERVICE FACTOR	70.2	84.6	63.8
20. UNIT AVAILABILITY FACTOR	70.2	84.6	63.8
21. CAPACITY FACTOR (USING HDC NET)	68.9	85.9	62.1
22. CAPACITY FACTOR (USING DER NET)	66.2	82.6	58.5
23. UNIT FORCED OUTAGE RATE	26.3	5.5	11.8
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS :			

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



100

100

100

100

100

100

100

100

100

100

100

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-251

UNIT Turkey Point #4

DATE May 15, 1990

COMPLETED BY R. A. Tierney

TELEPHONE (305) 246-7103

MONTH April, 1990

DAY AVERAGE DAILY POWER LEVEL

(MWe-Net)

4/01/90	685
4/02/90	680
4/03/90	679
4/04/90	683
4/05/90	692
4/06/90	692
4/07/90	685
4/08/90	681
4/09/90	513
4/10/90	-17
4/11/90	-16
4/12/90	-14
4/13/90	-17
4/14/90	-21
4/15/90	-23
4/16/90	-24
4/17/90	-23
4/18/90	47
4/19/90	448
4/20/90	669
4/21/90	679
4/22/90	682
4/23/90	680
4/24/90	676
4/25/90	675
4/26/90	678
4/27/90	678
4/28/90	679
4/29/90	677
4/30/90	671



Year	United States (%)	Japan (%)	Germany (%)
1950	10	12	15
1960	11	14	16
1970	12	16	17
1980	13	18	18
1990	14	20	19
2000	15	22	20
2010	16	24	21
2020	17	25	22
2030	17.5	25	22
2040	18	25	22
2050	18	25	22

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-251

UNIT NAME Turkey Point #4

DATE May 15, 1990

COMPLETED BY R. A. Tierney

TELEPHONE (305) 246-7103

REPORT MONTH April, 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
2	900409	F	214.6	A	3	LER 90-003	AB	CAP	CAUSE OF TRIP WAS THE INTERNAL FAILURE OF AN UNDERFREQUENCY RELAY ON THE REACTOR COOLANT PUMP

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 Scheets Licensee
Event Report (LER) File
(NUREG-0161)

5
Exhibit 1 - Same Source

