



FPL

P.O. Box 029100, Miami, FL, 33102-9100

FEB 28 1994

L-94-053
10 CFR 20.407
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
Annual Reports for 1993

In accordance with 10 CFR 20.407 (a) (2), Attachment 1 provides the recorded annual whole body exposure data for calendar year 1993 for Turkey Point Units 3 and 4. Attachment 2 is a tabulation of the occupational exposure data as required by Technical Specification 6.9.1.2.a. Total accumulated dose by Direct Reading Dosimeter (DRD), (Attachment 2), was approximately 293 person-rem. Total whole body exposure by Thermoluminescent Dosimeter (TLD) was approximately 275 person-rem. Total whole body exposure by TLD includes conservative application of dose due to lost or damaged dosimetry and neutron exposure.

In accordance with Technical Specification 6.9.1.2.b, the reactor coolant activity limits of 100/E-bar and 1.0 microCurie per gram Dose Equivalent I-131 defined by Technical Specification 3.4.8, were not exceeded during 1993.

Should there be any questions regarding this information, please contact us.

Very truly yours;

T. F. Plunkett
Vice President
Turkey Point Nuclear

TFP/JEK/jk

Attachment

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

640045
9403070221 931231
PDR ADDCK 05000250
R PDR

an FPL Group company

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DATE: 02/09/94
TIME: 08:22:44

Attachment 1
L-94-053

FLORIDA POWER & LIGHT
RADIATION EXPOSURE MONITORING & ACCESS CONTROL SYSTEM - REMACS
1993 MAN-REM REPORT

STANDARD FORMAT FOR REPORTING NUMBER OF PERSONNEL & MAN-REM FOR WORK & JOB FUNCTIONS

WORK AND JOB FUNCTION	- NUMBER OF PERSONNEL > 100 MREM -			TOTAL MAN / MREM		
	STATION	UTILITY	CONTRACT	STATION	UTILITY	CONTRACT
REACTOR OPERATIONS & SURV						
ENGINEERING	3	0	0	000.489	000.000	000.000
HEALTH PHYSICS	0	0	0	000.088	000.000	000.006
MAINTENANCE	4	0	0	001.014	000.000	000.003
OPERATIONS	17	0	0	004.316	000.000	000.000
SUPERVISOR	1	0	0	000.225	000.004	000.000
ROUTINE MAINTENANCE						
ENGINEERING	12	1	6	004.501	000.190	001.356
HEALTH PHYSICS	39	0	61	015.823	000.000	018.362
MAINTENANCE	76	3	149	029.813	001.172	047.305
OPERATIONS	12	0	5	003.406	000.012	001.410
SUPERVISOR	3	1	2	001.219	000.764	001.513
SPECIAL MAINTENANCE						
ENGINEERING	0	1	1	000.293	000.112	000.280
HEALTH PHYSICS	2	0	1	000.748	000.000	000.281
MAINTENANCE	3	0	29	001.420	000.154	015.806
OPERATIONS	0	0	0	000.366	000.000	000.000
SUPERVISOR	0	0	1	000.028	000.007	000.179
INSERVICE INSPECTION						
ENGINEERING	6	0	10	001.778	000.042	002.144
HEALTH PHYSICS	1	0	24	000.139	000.000	006.438
MAINTENANCE	3	1	94	001.078	000.300	044.900
OPERATIONS	8	0	24	002.887	000.000	007.612
SUPERVISOR	0	0	14	000.005	000.003	004.090
WASTE PROCESSING						
ENGINEERING	1	0	0	000.353	000.000	000.000
HEALTH PHYSICS	14	0	4	004.226	000.000	002.880
MAINTENANCE	9	0	1	003.964	000.000	000.308
OPERATIONS	1	0	0	000.334	000.000	000.032
SUPERVISOR	0	0	0	000.002	000.000	000.000
REFUELING						
ENGINEERING	3	0	1	001.142	000.071	000.279
HEALTH PHYSICS	2	0	15	000.805	000.000	003.794
MAINTENANCE	27	9	46	013.486	006.054	015.590
OPERATIONS	8	8	2	002.786	009.031	000.919
SUPERVISOR	0	4	3	000.080	004.440	000.652
TOTALS						
ENGINEERING	26	2	18	008.556	000.415	004.059
HEALTH PHYSICS	41	0	75	021.829	000.000	029.169
MAINTENANCE	108	14	264	050.775	007.680	123.912
OPERATIONS	39	8	29	014.045	009.043	009.973
SUPERVISOR	5	5	21	001.559	005.218	006.434
GRAND TOTALS	219	29	407	096.814	022.356	173.547

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Attachment 2
L-94-053

PLANT: PTN
REPORT: NRRBC30R
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FLORIDA POWER & LIGHT
RADIATION EXPOSURE MONITORING & ACCESS CONTROL SYSTEM - REMACS
1993 STATISTICAL WHOLE BODY EXPOSURE REPORT

LICENSEE REPORTING / NAME / ADDRESS
FLORIDA POWER & LIGHT CO.
9700 S.W. 344TH STREET

LICENSE NOS: DPR31 DPR41

TURKEY POINT NUCLEAR PLNT
ANNUAL DOSE RANGES (*)
(REM)

NUMBER OF INDIVIDUALS
IN EACH RANGE

NO MEASURABLE EXPOSURE	1325
MEASURABLE EXPOSURE LESS THAN .100	543
.100 - .250	313
.250 - .500	274
.500 - .750	86
.750 - 1.000	26
1.000 - 2.000	29
2.000 - 3.000	0
3.000 - 4.000	0
4.000 - 5.000	0
5.000 - 6.000	0
6.000 - 7.000	0
7.000 - 8.000	0
8.000 - 9.000	0
9.000 - 10.000	0
10.000 - 11.000	0
11.000 - 12.000	0
12.000 +	0

TOTAL NUMBER OF INDIVIDUALS REPORTED 2596
THE ABOVE INFORMATION IS SUBMITTED FOR THE TOTAL NUMBER OF INDIVIDUALS
FOR WHOM PERSONNEL MONITORING WAS (CHECK ONE)

☒ (X) REQUIRED UNDER 10 CFR 20.202(A) OR 10 CFR 34.33(A) DURING
THE CALENDAR YEAR.

☐ () PROVIDED DURING THE CALENDAR YEAR.

* INDIVIDUAL VALUES EXACTLY EQUAL TO THE VALUE SEPERATING EXPOSURE
RANGES SHALL BE REPORTED IN THE HIGHER RANGE.