



FPL

FEB 27 2001

L-2001-044
10 CFR 50.36

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

Re: Turkey Point Units 3 and 4
Docket Nos. 50-250 and 50-251
2000 Annual Reports of Occupational Exposure, and
Reactor Coolant Specific Activity Limits

Attached is a tabulation of the 2000 occupational exposure data for Turkey Point Units 3 and 4 as required by Technical Specification 6.9.1.2.a. Deep dose equivalent exposure by Direct Reading Dosimeter (DRD) was 232.012 person-rem. Deep dose equivalent exposure by Thermoluminescent Dosimeter (TLD) was 219.284 person-rem. Deep dose equivalent 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 specific activity limits of 100/E-bar microcuries per gram of gross radioactivity, and 1.0 microcurie per gram Dose Equivalent I-131 defined by Technical Specification 3.4.8 for Units 3 and 4, were not exceeded during 2000.

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

Very truly yours,

R. J. Hovey
Vice President
Turkey Point Plant

CLM

Attachment

cc: Regional Administrator, Region II, USNRC
Senior Resident Inspector, USNRC, Turkey Point Plant

IES

Feb 20, 2001

FLORIDA POWER & LIGHT COMPANY

TURKEY POINT NUCLEAR STATION
Regulatory Guide 1.16 Information
End of Year Person-rem Report 2000

Work and Job Function	Number of Personnel > 100 mrem			Total man-rem		
	Station	Utility	Contractor	Station ^[1]	Utility ^[1]	Contractor ^[1]
ROUTINE OPERATIONS AND SURVEILLANCE						
MAINTENANCE AND CONSTRUCTION	1	0	0	0.668	0.060	0.450
OPERATIONS	8	0	0	3.048	0.000	0.000
HEALTH PHYSICS	0	0	0	0.035	0.000	0.058
SUPERVISORY	1	0	0	0.665	0.008	0.083
ENGINEERING	0	0	0	0.606	0.217	0.062
ROUTINE PLANT MAINTENANCE						
MAINTENANCE AND CONSTRUCTION	84	5	292	25.306	1.337	91.654
OPERATIONS	36	0	2	8.422	0.000	0.814
HEALTH PHYSICS	29	1	50	10.035	0.269	15.409
SUPERVISORY	1	0	7	1.374	0.062	3.094
ENGINEERING	13	0	5	4.239	0.518	1.789
INSERVICE INSPECTION						
MAINTENANCE AND CONSTRUCTION	0	0	24	0.010	0.000	6.883
OPERATIONS	0	0	0	0.026	0.000	0.000
HEALTH PHYSICS	0	0	0	0.000	0.000	0.000
SUPERVISORY	0	0	0	0.000	0.006	0.005
ENGINEERING	0	0	0	0.151	0.008	0.371
SPECIAL PLANT MAINTENANCE						
MAINTENANCE AND CONSTRUCTION	1	0	1	0.841	0.007	0.690
OPERATIONS	0	0	0	0.162	0.000	0.000
HEALTH PHYSICS	0	0	0	0.348	0.000	0.169
SUPERVISORY	0	0	0	0.018	0.000	0.000
ENGINEERING	0	0	0	0.245	0.002	0.029
WASTE PROCESSING						
MAINTENANCE AND CONSTRUCTION	0	0	0	0.042	0.000	0.026
OPERATIONS	0	0	0	0.083	0.000	0.192
HEALTH PHYSICS	0	0	0	0.148	0.000	0.000
SUPERVISORY	0	0	0	0.002	0.000	0.000
ENGINEERING	0	0	0	0.000	0.000	0.000
REFUELING						
MAINTENANCE AND CONSTRUCTION	18	5	83	5.862	2.109	31.692
OPERATIONS	7	0	0	1.933	0.000	0.000
HEALTH PHYSICS	1	0	26	1.212	0.031	6.388
SUPERVISORY	2	0	0	0.614	0.083	0.010
ENGINEERING	3	0	0	1.480	0.253	0.329
Totals						
MAINTENANCE AND CONSTRUCTION	104	10	400	32.729	3.513	131.665
OPERATIONS	51	0	2	13.674	0.000	1.006
HEALTH PHYSICS	30	1	76	11.778	0.300	22.024
SUPERVISORY	4	0	7	2.673	0.159	3.192
ENGINEERING	16	0	5	6.721	0.998	2.580
Grand Totals	205	11	490	67.575	4.970	160.467

^[1] MANREM VALUES IN THE TABLE ARE MEASURED BY ELECTRONIC DOSIMETERS

TOTAL STATION EXPOSURE (DDE) BY TLD: 219.284