



FEB 23 2000

L-2000-048
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
1999 Annual Reports of Occupational Exposure, and
Reactor Coolant Specific Activity Limits

Attached is a tabulation of the 1999 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 137.984 person-rem. Deep dose equivalent exposure by Thermoluminescent Dosimeter (TLD) was 127.791 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 micro curies 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 1999.

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

Very truly yours,

A handwritten signature in black ink, appearing to read 'R. J. Hovey', with a long horizontal flourish extending to the right.

R. J. Hovey
Vice President
Turkey Point Plant

GSS

Attachment

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

Feb 17, 2000

FLORIDA POWER & LIGHT COMPANY
 TURKEY POINT NUCLEAR STATION
 Regulatory Guide 1.16 Information
 End of Year Person-rem Report 1999

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	0	0	0	0.185	0.000	0.000
OPERATIONS	0	0	0	0.044	0.000	0.000
HEALTH PHYSICS	0	0	0	0.112	0.000	0.000
SUPERVISORY	0	0	0	0.000	0.000	0.000
ENGINEERING	0	0	0	0.085	0.000	0.000
ROUTINE PLANT MAINTENANCE						
MAINTENANCE AND CONSTRUCTION	139	0	108	35.468	0.007	24.564
OPERATIONS	28	0	1	8.110	0.000	0.659
HEALTH PHYSICS	28	0	31	8.857	0.002	8.137
SUPERVISORY	1	0	1	0.988	0.080	0.709
ENGINEERING	12	0	4	3.419	0.051	0.972
INSERVICE INSPECTION						
MAINTENANCE AND CONSTRUCTION	0	0	30	0.395	0.000	8.723
OPERATIONS	0	0	0	0.000	0.000	0.000
HEALTH PHYSICS	0	0	0	0.000	0.000	0.000
SUPERVISORY	0	0	1	0.000	0.013	0.305
ENGINEERING	0	0	4	0.136	0.116	1.072
SPECIAL PLANT MAINTENANCE						
MAINTENANCE AND CONSTRUCTION	0	0	0	0.001	0.000	0.000
OPERATIONS	0	0	0	0.000	0.000	0.000
HEALTH PHYSICS	0	0	0	0.004	0.000	0.000
SUPERVISORY	0	0	0	0.000	0.000	0.007
ENGINEERING	0	0	0	0.020	0.000	0.000
WASTE PROCESSING						
MAINTENANCE AND CONSTRUCTION	3	0	0	0.392	0.000	0.012
OPERATIONS	0	0	0	0.016	0.000	0.055
HEALTH PHYSICS	0	0	0	0.103	0.000	0.000
SUPERVISORY	0	0	0	0.000	0.000	0.000
ENGINEERING	0	0	0	0.002	0.000	0.000
REFUELING						
MAINTENANCE AND CONSTRUCTION	47	0	6	17.788	0.000	1.692
OPERATIONS	26	0	1	6.561	0.000	0.281
HEALTH PHYSICS	3	0	10	1.073	0.000	4.103
SUPERVISORY	3	0	0	0.999	0.076	0.017
ENGINEERING	3	0	2	1.110	0.111	0.352
Totals						
MAINTENANCE AND CONSTRUCTION	189	0	144	54.229	0.007	34.991
OPERATIONS	54	0	2	14.731	0.000	0.995
HEALTH PHYSICS	31	0	41	10.149	0.002	12.240
SUPERVISORY	4	0	2	1.987	0.169	1.038
ENGINEERING	15	0	10	4.772	0.278	2.396
Grand Totals	293	0	199	85.868	0.456	51.660

⁽¹⁾ MANREM VALUES IN THE TABLE ARE MEASURED BY ELECTRONIC DOSIMETERS

TOTAL STATION EXPOSURE (DDE) BY TLD: 127.791