



FPL

FEB 24 2004

L-2004-051
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
2003 Annual Reports of Occupational Exposure, and
Reactor Coolant Specific Activity Limits

Attached is a tabulation of the 2003 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 274.456 person-rem. Deep dose equivalent exposure by Thermoluminescent Dosimeter (TLD) was 246.255 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 2003.

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

Very truly yours,

Terry O. Jones
Vice President
Turkey Point Nuclear Plant

OIH

Attachment

NRC Regulatory Issue Summary 2001-05 waived the requirements that multiple copies of documents be submitted to the NRC.

IE36

Feb 13, 2004

FLORIDA POWER & LIGHT COMPANY

TURKEY POINT NUCLEAR STATION
Regulatory Guide 1.16 Information
End of Year Person-rem Report 2003

Work and Job Function	Number of Personnel > 100 mrem			Total person-rem		
	Station	Utility	Contractor	Station ⁽¹⁾	Utility ⁽¹⁾	Contractor ⁽¹⁾
ROUTINE OPERATIONS AND SURVEILLANCE						
MAINTENANCE AND CONSTRUCTION	4	3	16	2.391	0.613	9.490
OPERATIONS	21	0	0	5.041	0.000	0.000
HEALTH PHYSICS	15	0	13	4.875	0.113	3.588
SUPERVISORY	0	1	2	0.395	0.389	0.528
ENGINEERING	2	1	3	1.433	0.408	1.394
ROUTINE PLANT MAINTENANCE						
MAINTENANCE AND CONSTRUCTION	65	8	510	18.807	2.924	182.616
OPERATIONS	3	0	0	2.670	0.066	0.000
HEALTH PHYSICS	17	2	50	5.211	0.454	15.439
SUPERVISORY	2	1	1	1.131	0.153	0.741
ENGINEERING	8	2	14	3.768	0.792	3.945
INSERVICE INSPECTION						
MAINTENANCE AND CONSTRUCTION	0	0	3	0.000	0.000	0.961
OPERATIONS	0	0	0	0.000	0.000	0.000
HEALTH PHYSICS	0	0	0	0.007	0.000	0.000
SUPERVISORY	0	0	0	0.000	0.000	0.000
ENGINEERING	0	0	1	0.002	0.023	0.239
SPECIAL PLANT MAINTENANCE						
MAINTENANCE AND CONSTRUCTION	0	0	0	1.136	0.000	0.000
OPERATIONS	0	0	0	0.151	0.000	0.000
HEALTH PHYSICS	0	0	0	0.392	0.000	0.000
SUPERVISORY	0	0	0	0.057	0.000	0.000
ENGINEERING	0	0	0	0.073	0.000	0.000
WASTE PROCESSING						
MAINTENANCE AND CONSTRUCTION	0	0	0	0.000	0.000	0.000
OPERATIONS	0	0	0	0.000	0.000	0.000
HEALTH PHYSICS	0	0	0	0.000	0.000	0.000
SUPERVISORY	0	0	0	0.000	0.000	0.000
ENGINEERING	0	0	0	0.000	0.000	0.000
REFUELING						
MAINTENANCE AND CONSTRUCTION	0	0	3	0.037	0.000	0.889
OPERATIONS	0	0	0	0.158	0.000	0.000
HEALTH PHYSICS	1	0	1	0.159	0.000	0.255
SUPERVISORY	0	0	0	0.006	0.000	0.000
ENGINEERING	0	0	0	0.472	0.017	0.029
Totals						
MAINTENANCE AND CONSTRUCTION	69	11	532	22.371	3.537	193.956
OPERATIONS	24	0	0	8.020	0.066	0.000
HEALTH PHYSICS	33	2	64	10.644	0.567	19.282
SUPERVISORY	2	2	3	1.589	0.542	1.269
ENGINEERING	11	3	18	5.766	1.240	5.607
Grand Totals	139	18	617	48.390	5.952	220.114

⁽¹⁾ PERSON-REM VALUES IN THE TABLE ARE MEASURED BY ELECTRONIC DOSIMETERS
TOTAL STATION EXPOSURE (DDE) BY DAD: 274.456
TOTAL STATION EXPOSURE (DDE) BY TLD: 246.255