



**FPL**

FEB 21 2003

L-2003-038  
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  
2002 Annual Reports of Occupational Exposure, and  
Reactor Coolant Specific Activity Limits

Attached is a tabulation of the 2002 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 78.419 person-rem. Deep dose equivalent exposure by Thermoluminescent Dosimeter (TLD) was 73.565 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 2002.

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

Very truly yours,

William Jefferson, Jr.  
Vice President  
Turkey Point Plant

DRL

Attachment

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

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TURKEY POINT NUCLEAR STATION  
Regulatory Guide 1.16 Information  
End of Year Person-rem Report 2002

Work and Job Function	Number of Personnel > 100 mrem			Total person-rem		
	Station	Utility	Contractor	Station <sup>(1)</sup>	Utility <sup>(1)</sup>	Contractor <sup>(1)</sup>
<b>ROUTINE OPERATIONS AND SURVEILLANCE</b>						
MAINTENANCE AND CONSTRUCTION	0	0	0	0.933	0.079	0.814
OPERATIONS	1	0	0	0.624	0.000	0.000
HEALTH PHYSICS	7	0	14	1.028	0.101	2.067
SUPERVISORY	0	0	0	0.079	0.001	0.108
ENGINEERING	0	0	0	0.359	0.092	0.197
<b>ROUTINE PLANT MAINTENANCE</b>						
MAINTENANCE AND CONSTRUCTION	39	8	126	7.091	0.787	21.178
OPERATIONS	4	0	1	3.173	0.000	0.186
HEALTH PHYSICS	12	0	9	4.302	0.002	3.099
SUPERVISORY	0	0	3	0.602	0.096	0.719
ENGINEERING	3	1	3	1.161	0.428	0.841
<b>INSERVICE INSPECTION</b>						
MAINTENANCE AND CONSTRUCTION	0	0	0	0.036	0.000	1.282
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	0.003	0.000
ENGINEERING	0	0	0	0.052	0.017	0.703
<b>SPECIAL PLANT MAINTENANCE</b>						
MAINTENANCE AND CONSTRUCTION	0	0	6	0.306	0.012	3.177
OPERATIONS	0	0	0	0.005	0.000	0.000
HEALTH PHYSICS	0	0	0	0.151	0.000	0.000
SUPERVISORY	0	0	0	0.000	0.003	0.000
ENGINEERING	0	0	0	0.063	0.003	0.000
<b>WASTE PROCESSING</b>						
MAINTENANCE AND CONSTRUCTION	0	0	0	0.230	0.000	0.000
OPERATIONS	0	0	0	0.017	0.000	0.256
HEALTH PHYSICS	0	0	0	0.492	0.000	0.000
SUPERVISORY	0	0	0	0.000	0.000	0.000
ENGINEERING	0	0	0	0.000	0.000	0.000
<b>REFUELING</b>						
MAINTENANCE AND CONSTRUCTION	0	0	0	2.107	1.813	11.736
OPERATIONS	0	0	0	0.918	0.000	0.000
HEALTH PHYSICS	0	0	0	0.637	0.001	2.530
SUPERVISORY	0	0	0	0.489	0.061	0.005
ENGINEERING	0	0	0	0.870	0.155	0.142
<b>Totals</b>						
MAINTENANCE AND CONSTRUCTION	39	8	132	10.703	2.691	38.187
OPERATIONS	5	0	1	4.737	0.000	0.442
HEALTH PHYSICS	19	0	23	6.610	0.104	7.696
SUPERVISORY	0	0	3	1.170	0.164	0.832
ENGINEERING	3	1	3	2.505	0.695	1.883
Grand Totals	66	9	162	25.725	3.654	49.040

<sup>(1)</sup> PERSON-REM VALUES IN THE TABLE ARE MEASURED BY ELECTRONIC DOSIMETERS

TOTAL STATION EXPOSURE (DDE) BY TLD: 73.565