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 FACIL: 50-250 Turkey Point Plant, Unit 3, Florida Power and Light C 05000250  
 50-251 Turkey Point Plant, Unit 4, Florida Power and Light C 05000251  
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 CONWAY, W.F. Florida Power & Light Co.  
 RECIP. NAME RECIPIENT AFFILIATION  
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SUBJECT: "Annual Exposure Data for 1988"

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 TITLE: 20.407 Annual Personnel Monitoring Rpt/Annual Rad Exposure Rpt by Fun

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MARCH 31 1989

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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 Exposure Data for 1988

The recorded annual wholebody exposure data for calendar year 1988 for Turkey Point Units 3 and 4 is attached in accordance with 10 CFR 20.407. Also attached is a tabulation of occupational exposure data as required by Technical Specification 6.9.1.b.

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

Very truly yours,

*W. F. Conway*  
W. F. Conway  
Senior Vice President - Nuclear

WFC/TCG/gp

Attachments

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

*IES6*  
*1/1*

**FLORIDA POWER & LIGHT COMPANY  
TURKEY POINT PLANTS  
1988 MAN-REM REPORT**

Standard format for reporting number of personnel & Man-Rem for work and job functions

Work & job function		Number of personnel >100mREM			Total Man-Rem		
<b>REACTOR OPS. &amp; SURVEILLANCE</b>		<b>STATION</b>	<b>UTILITY</b>	<b>CONTRACT</b>	<b>STATION</b>	<b>UTILITY</b>	<b>CONTRACT</b>
Maintenance Personnel		24	1	6	4.695	.725	2.490
Operating Personnel		25	1	0	7.480	.255	.005
Health Physics Personnel		12	0	5	1.525	.010	1.765
Supervisory Personnel		6	0	0	.625	.020	.165
Engineering Personnel		1	0	0	.645	.145	.860
<b>ROUTINE MAINTENANCE</b>							
Maintenance Personnel		244	5	443	139.205	1.875	203.960
Operating Personnel		36	0	2	18.770	.085	.395
Health Physics Personnel		33	0	127	18.440	.025	77.630
Supervisory Personnel		11	0	26	5.200	.050	9.720
Engineering Personnel		21	2	58	7.645	1.485	21.625
<b>IN-SERVICE INSPECTION</b>							
Maintenance Personnel		1	0	144	1.450	0.000	79.510
Operating Personnel		1	0	0	.185	0.000	.010
Health Physics Personnel		1	0	24	.720	0.000	9.630
Supervisory Personnel		3	0	9	.695	.015	7.240
Engineering Personnel		1	4	3	.155	1.440	3.020
<b>SPECIAL MAINTENANCE</b>							
Maintenance Personnel		78	0	332	32.340	.120	137.385
Operating Personnel		1	0	0	.435	.005	0.000
Health Physics Personnel		6	0	17	1.600	0.000	5.130
Supervisory Personnel		5	0	27	1.240	0.000	11.460
Engineering Personnel		7	1	29	2.220	.280	14.410
<b>WASTE PROCESSING</b>							
Maintenance Personnel		2	0	5	.905	0.000	2.685
Operating Personnel		0	0	0	.065	0.000	0.000
Health Physics Personnel		9	0	6	2.750	0.000	2.145
Supervisory Personnel		1	0	0	1.520	0.000	.085
Engineering Personnel		1	0	0	.490	0.000	0.000
<b>REFUELING</b>							
Maintenance Personnel		1	0	55	.590	0.000	31.835
Operating Personnel		1	0	0	.455	0.000	0.000
Health Physics Personnel		0	0	5	.270	0.000	2.205
Supervisory Personnel		0	0	0	.190	0.000	.535
Engineering Personnel		1	0	10	.305	.005	4.955
<b>TOTAL</b>							
Maintenance Personnel		251	5	645	179.185	2.720	457.865
Operating Personnel		42	1	2	27.390	.345	.410
Health Physics Personnel		34	0	129	25.305	.035	98.505
Supervisory Personnel		16	0	34	9.470	.085	29.205
Engineering Personnel		24	6	79	11.460	3.355	44.870
<b>GRAND TOTAL</b>		<b>367</b>	<b>12</b>	<b>889</b>	<b>252.810</b>	<b>6.540</b>	<b>630.855</b>

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PDR ADDCK 05000250  
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## RECORDED ANNUAL WHOLEBODY EXPOSURE FOR CALENDAR YEAR 1988

LICENSEE REPORTING/NAME/ADDRESS		LICENSE NO.
1	2 Florida Power and Light	OPR-31-41
3	Turkey Point, P.O. Box 029100	
4	Miami Fl. 33102	
5		
6		
7	Florida Power & Light Co.	
8		
9 ANNUAL DOSE RANGES*		NUMBER OF INDIVIDUALS
10	(REM)	IN EACH RANGE
11		
12	NO MEASURABLE EXPOSURE	1826
13		
14	MEASURABLE EXPOSURE LESS THAN .100	674
15	.100 - .250	290
16	.250 - .500	321
17	.500 - .750	232
18		
19	.750 - 1.000	156
20	1.000 - 2.000	168
21	2.000 - 3.000	0
22	3.000 - 4.000	0
23		
24	4.000 - 5.000	0
25	5.000 - 6.000	0
26	6.000 - 7.000	0
27	7.000 - 8.000	0
28		
29	8.000 - 9.000	0
30	9.000 - 10.000	0
31	10.000 - 11.000	0
32	11.000 - 12.000	0
33	12.000 +	0
34		
35	TOTAL NUMBER OF INDIVIDUALS REPORTED 3667	
36		
37	THE ABOVE INFORMATION IS SUBMITTED FOR THE TOTAL NUMBER OF INDIVIDUALS	
38	FOR WHOM PERSONNEL MONITORING WAS (CHECK ONE)	
39		
40	( ) REQUIRED UNDER 10 CFR 20.202(A) OR 10 CFR 34.33(A) DURING	
41	THE CALENDAR YEAR.	
42		
43	(✓) PROVIDED DURING THE CALENDAR YEAR.	
44		
45	*INDIVIDUAL VALUES EXACTLY EQUAL TO THE VALUE SEPARATING EXPOSURE	
46	RANGES SHALL BE REPORTED IN THE HIGHER RANGE.	
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