

Exelon Generation Company, LLC
LaSalle County Station
2601 North 21st Road
Marseilles, IL 61341-9757

www.exeloncorp.com

RA05-36

April 29, 2005

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

LaSalle County Station, Units 1 and 2
Facility Operating License Nos. NPF-11 and NPF-18
NRC Docket Nos. 50-373 and 50-374

Subject: 2004 Occupational Radiation Exposure Report for LaSalle County
Station

Enclosed is the Exelon Generation Company, LLC, (EGC), LaSalle County Station Occupational Radiation Exposure Report covering the period from January 2004 through December 2004. This report is submitted pursuant to LaSalle County Station Technical Specification 5.6.1, "Occupational Radiation Exposure Report."

Should you have any questions concerning this letter, please contact Mr. Terrence W. Simpkin, at (815) 415-2800.

Respectfully,



Daniel Enright
Plant Manager
LaSalle County Station

Attachment

cc: Regional Administrator - NRC Region III
NRC Senior Resident Inspector - LaSalle County Station

IES6

Occupational Radiation Exposure Report

	<u>Number of Personnel (> 100 mrem)</u>				<u>Quantity of Person-rem</u>			
	<u>Station Employees</u>	<u>Utility Employees</u>	<u>Contractors/ Others</u>	<u>Total Persons</u>	<u>Station Employees</u>	<u>Utility Employees</u>	<u>Contractors/ Others</u>	<u>Total Person-rem</u>
<u>Reactor Operations and Surveillance</u>								
Maintenance	120	2	264	386	1.311	0.007	5.977	7.295
Operations	64	13	2	79	13.629	0.678	0.003	14.310
Health Physics	41	1	7	49	7.484	0.105	0.041	7.630
Supervisory	26	0	4	30	1.534	0.000	0.202	1.736
Engineering	13	0	14	27	0.436	0.000	0.412	0.848
	<u>264</u>	<u>16</u>	<u>291</u>	<u>571</u>	<u>24.394</u>	<u>0.790</u>	<u>6.635</u>	<u>31.819</u>
<u>Routine Maintenance</u>								
Maintenance	135	3	493	631	50.807	0.719	132.338	183.864
Operations	64	20	1	85	8.196	4.635	0.002	12.833
Health Physics	40	2	7	49	11.723	0.177	1.935	13.835
Supervisory	27	0	2	29	6.232	0.000	1.210	7.442
Engineering	12	0	21	33	2.204	0.000	5.204	7.408
	<u>278</u>	<u>25</u>	<u>524</u>	<u>827</u>	<u>79.162</u>	<u>5.531</u>	<u>140.689</u>	<u>225.382</u>
<u>Inservice Inspection</u>								
Maintenance	0	0	49	49	0.000	0.000	6.417	6.417
Operations	2	2	0	4	0.020	0.145	0.000	0.165
Health Physics	1	0	1	2	0.002	0.000	0.197	0.199
Supervisory	1	0	0	1	0.004	0.000	0.000	0.004
Engineering	1	0	6	7	0.009	0.000	0.084	0.093
	<u>5</u>	<u>2</u>	<u>56</u>	<u>63</u>	<u>0.035</u>	<u>0.145</u>	<u>6.698</u>	<u>6.878</u>
<u>Special Maintenance</u>								
Maintenance	18	0	158	176	0.473	0.000	28.183	28.656
Operations	1	0	0	1	0.080	0.000	0.000	0.080
Supervisory	4	0	1	5	0.479	0.000	0.115	0.594
Engineering	3	0	6	9	0.193	0.000	0.785	0.978
	<u>26</u>	<u>0</u>	<u>165</u>	<u>191</u>	<u>1.225</u>	<u>0.000</u>	<u>29.083</u>	<u>30.308</u>
<u>Waste Processing</u>								
Maintenance	57	0	15	72	0.489	0.000	0.283	0.772
Operations	45	1	3	49	0.626	0.002	2.081	2.709
Health Physics	24	0	0	24	0.440	0.000	0.000	0.440
Supervisory	4	0	0	4	0.010	0.000	0.000	0.010
Engineering	1	0	0	1	0.001	0.000	0.000	0.001
	<u>131</u>	<u>1</u>	<u>18</u>	<u>150</u>	<u>1.566</u>	<u>0.002</u>	<u>2.364</u>	<u>3.932</u>

Occupational Radiation Exposure Report

	<u>Number of Personnel (> 100 mrem)</u>				<u>Quantity of Person-rem</u>			
	<u>Station Employees</u>	<u>Utility Employees</u>	<u>Contractors/ Others</u>	<u>Total Persons</u>	<u>Station Employees</u>	<u>Utility Employees</u>	<u>Contractors/ Others</u>	<u>Total Person-rem</u>
<u>Refueling</u>								
Maintenance	50	0	125	175	2.593	0.000	10.075	12.668
Operations	7	5	0	12	0.702	0.290	0.000	0.992
Health Physics	14	0	5	19	1.047	0.000	0.344	1.391
Supervisory	11	0	2	13	0.578	0.000	0.140	0.718
Engineering	3	0	16	19	0.246	0.000	2.310	2.556
	<u>85</u>	<u>5</u>	<u>148</u>	<u>238</u>	<u>5.166</u>	<u>0.290</u>	<u>12.869</u>	<u>18.325</u>
<u>Total by Job Function</u>								
Maintenance	135	3	577	715	55.673	0.726	183.273	239.672
Operations	65	23	3	91	23.253	5.750	2.086	31.089
Health Physics	41	2	8	51	20.696	0.282	2.517	23.495
Supervisory	28	0	5	33	8.837	0.000	1.667	10.504
Engineering	13	0	32	45	3.089	0.000	8.795	11.884
	<u>282</u>	<u>28</u>	<u>625</u>	<u>935</u>	<u>111.548</u>	<u>6.758</u>	<u>198.338</u>	<u>316.644</u>

Number of Employees with >100 mrem: 933