Exelon Nuclear

Exelon Nuclear
Limerick Generating Station
P.O. Box 2300
Sanatoga, PA 19464

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10CFR20.2206(b)

March 9, 2007

REIRS Project Manager
Office of the Nuclear Regulatory Research
U. S. Nuclear Regulatory Commission
MS T-09C24
Washington, DC 20555

Limerick Generating Station, Unit 1 and 2
Facility Operating License Nos. NPF-39 and NPF-85
NRC Docket Nos. 50-352 and 50-353

Subject: Limerick Annual Occupational Radiation Exposure Report for 2006

Dear Sir:

This letter is being submitted in accordance with 10CFR20.2206(b) and 20.1502 and includes a copy of Exelon Nuclear Annual Occupational Radiation Exposure Report for Limerick Generating Station, Unit 1 and Unit 2, for the period of January 1, 2006 through December 31, 2006. The information in the enclosure has been entered into the REIRS website and contains the results of individual monitoring carried out by Limerick Generating Station during the year 2006.

The file name is FINAL REPORT.DAT, created on a windows based system using a DAT type file on 2/27/07.

There are no commitments contained this letter.

If you have any questions or require additional information, please contact Mr. Nick Harmon at (610) 718-2233.

Sincerely,

Ron J. DeGregorio
Vice President - LGS
Exelon Generation Company, LLC

Enclosure: 2006 Occupational Radiation Exposures-LGS

cc: S. Collins, Administrator, Region I, USNRC w/o Enclosure
S. Hansell, LGS USNRC Senior Resident Inspector w/o Enclosure
USNRC Document Control Desk w/o Enclosure

RES13

bcc: R. Lopriore - KSA 3N (w/o Enclosure)
C. Mudrick - GML 5-1 (w/o Enclosure)
D. DiCello – GML 1-1 (w/o Enclosure)
C. Rich – LLC 3(w/o Enclosure)
P. Cowan - KSA 3G (w/o Enclosure)
W. Harris - GML 1-1 (w/o Enclosure)
R. Kreider - SSB 2-4 (w/o Enclosure)
S. Patrylak - PPC 2-1 (w/o Enclosure)
N. Harmon - GML 1-1 (w/Enclosure)
J. Toro - SSB 4-2 (w/o Enclosure)
D. Ney - PA DER BRP Inspector - SSB 2-4 (w/o Enclosure)

02/27/2007
File: K:\RadPro\HPDATA\NJH\Dosimetry\2007 Annual Reports\exp.dat
License No: NPF-39
Licensee Name: LIMERICK GENERATING STATION
Contact Person: Nicholas J. Harmon
Associated Licenses: NPF-85

	Number	TEDE
No measurable exp.	1791	0.000
Meas. - 0.100	882	35.208
0.100 - 0.250	386	62.089
0.250 - 0.500	201	68.949
0.500 - 0.750	29	17.058
0.750 - 1.000	9	7.861
1.000 - 2.000	2	2.264
2.000 - 3.000	0	0.000
3.000 - 4.000	0	0.000
4.000 - 5.000	0	0.000
5.000 - 6.000	0	0.000
6.000 - 7.000	0	0.000
7.000 - 8.000	0	0.000
8.000 - 9.000	0	0.000
9.000 - 10.00	0	0.000
10.00 - 11.00	0	0.000
11.00 - 12.00	0	0.000
> 12.00	0	0.000
Number with Measurable:	1509	
Total Monitored:	3300	
Total Collective TEDE (rem):		193.429
Total CDE:		0.000
Total CEDE:		0.068
Number of Intake Records:	34	

Validation Status:
Errors: 0
Warnings: 1

2/13/2007

LIMERICK GENERATING STATION
SANATOGA PA 19464

LICENSE NUMBERS: NPF - 39 AND NPF - 85

RECORDED ANNUAL WHOLE BODY EXPOSURE
FOR THE PERIOD 01/01/06 THRU 12/31/06

ANNUAL DOSE RANGES* (REM)	NUMBER OF INDIVIDUALS IN EACH RANGE			
	STATION	UTILITY	CONTRACTOR	TOTAL
0.000 -	568	219	992	1779
0.000 - 0.100	224	62	602	888
0.100 - 0.250	133	25	224	382
0.250 - 0.500	70	18	112	200
0.500 - 0.750	9	4	15	28
0.750 - 1.000	6	1	2	9
1.000 - 2.000	1	0	1	2
2.000 - 3.000	0	0	0	0
3.000 - 4.000	0	0	0	0
4.000 - 5.000	0	0	0	0
5.000 - 6.000	0	0	0	0
6.000 - 7.000	0	0	0	0
7.000 - 8.000	0	0	0	0
8.000 - 9.000	0	0	0	0
9.000 - 10.000	0	0	0	0
10.000 - 11.000	0	0	0	0
11.000 - 12.000	0	0	0	0
12.000 +	0	0	0	0
TOTAL NUMBER OF INDIVIDUALS	1011	329	1948	3288

THE ABOVE INFORMATION IS SUBMITTED FOR THE TOTAL NUMBER OF INDIVIDUALS FOR WHOM PERSONNEL MONITORING WAS REQUIRED UNDER 10 CFR20.1502 OR 10 CFR34.33.

* INDIVIDUAL EXPOSURES EXACTLY EQUAL TO THE VALUE SEPARATING EXPOSURE RANGES SHALL BE REPORTED IN THE HIGHER RANGE.

NOTE: THERMOLUMINESCENT DOSIMETER (TLD) ACTUAL DOSE FOR THE PERIOD IS 193.361 REM.

2/13/2007

LIMERICK GENERATING STATION
SANATOGA PA 19464

LICENSE NUMBERS: NPF - 39 AND NPF - 85

STANDARD FORMAT FOR REPORTING NUMBER OF PERSONNEL AND MAN-REM
BY WORK AND JOB FUNCTION FOR THE PERIOD 01/01/06 THRU 12/31/06

	NUMBER OF PERSONS WITH MONITORED EXPOSURE			TOTAL MAN-REM		
WORK FUNCTION JOB FUNCTION	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACTORS AND OTHERS	STATION EMPLOYEES	UTILITY EMPLOYEES	CONTRACTORS AND OTHERS
REACTOR OPERATIONS AND SURVEILLANCE						
MAINTENANCE PERSONNEL	426	122	1205	26.306	5.741	64.088
OPERATING PERSONNEL	115	11	46	7.160	0.418	1.754
HEALTH PHYSICS PERSONNEL	32	2	11	4.245	0.015	1.156
SUPERVISORY PERSONNEL	3	2	22	0.053	0.015	0.086
ENGINEERING PERSONNEL	81	24	11	1.747	0.438	0.340
ROUTINE MAINTENANCE						
MAINTENANCE PERSONNEL	195	34	317	6.952	0.742	5.411
OPERATING PERSONNEL	71	5	17	1.381	0.137	0.187
HEALTH PHYSICS PERSONNEL	23	0	4	0.901	0.000	0.274
SUPERVISORY PERSONNEL	1	0	3	0.008	0.000	0.013
ENGINEERING PERSONNEL	24	11	2	0.433	0.198	0.008
INSERVICE INSPECTION						
MAINTENANCE PERSONNEL	0	2	48	0.000	0.027	3.262
OPERATING PERSONNEL	0	0	1	0.000	0.000	0.023
HEALTH PHYSICS PERSONNEL	2	0	0	0.117	0.000	0.000
SUPERVISORY PERSONNEL	0	0	0	0.000	0.000	0.000
ENGINEERING PERSONNEL	0	0	1	0.000	0.000	0.010
SPECIAL MAINTENANCE						
MAINTENANCE PERSONNEL	79	26	160	2.373	0.574	5.647
OPERATING PERSONNEL	12	1	8	0.282	0.007	0.159
HEALTH PHYSICS PERSONNEL	18	1	6	0.456	0.002	0.152
SUPERVISORY PERSONNEL	1	1	3	0.001	0.037	0.002
ENGINEERING PERSONNEL	9	2	2	0.069	0.050	0.008
WASTE PROCESSING						
MAINTENANCE PERSONNEL	79	14	83	4.900	0.319	7.397
OPERATING PERSONNEL	20	2	5	0.694	0.012	0.356
HEALTH PHYSICS PERSONNEL	19	0	5	0.827	0.000	0.312
SUPERVISORY PERSONNEL	0	0	0	0.000	0.000	0.000
ENGINEERING PERSONNEL	7	1	0	0.103	0.037	0.000
REFUELING						
MAINTENANCE PERSONNEL	71	41	244	7.564	6.785	18.669
OPERATING PERSONNEL	9	0	8	0.078	0.000	0.207
HEALTH PHYSICS PERSONNEL	10	2	6	0.312	0.116	0.463
SUPERVISORY PERSONNEL	2	1	2	0.014	0.392	0.003
ENGINEERING PERSONNEL	6	1	1	0.087	0.001	0.250
NUMBER OF INDIVIDUALS						
MAINTENANCE PERSONNEL	656	215	1783	48.095	14.188	104.474
OPERATING PERSONNEL	166	31	61	9.595	0.574	2.686
HEALTH PHYSICS PERSONNEL	42	4	14	6.858	0.133	2.357
SUPERVISORY PERSONNEL	13	10	55	0.076	0.444	0.104
ENGINEERING PERSONNEL	134	69	35	2.439	0.724	0.616
TOTAL INDIVIDUALS	1011	329	1948	67.063	16.063	110.237

NOTE: THERMOLUMINESCENT DOSIMETER (TLD) ACTUAL DOSE FOR THE PERIOD IS 193.361 REM.