

Exelon Generation Company, LLC
Byron Station
4450 North German Church Road
Byron, IL 61010-9794

www.exeloncorp.com

10 CFR 20.2206(c)

April 30, 2009

LTR: BYRON 2009-0048
File: 1.10.0101
2.12.1216

REIRS Project Manager
Office of Nuclear Regulatory Research
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Byron Station, Units 1 and 2
Facility Operating License Nos. NPF-37 and NPF-66
NRC Docket Nos. STN-454 and STN 50-455

Subject: Annual Dose Report for 2008

Pursuant to 10 CFR 20.2206, "Reports of individual monitoring," paragraph (c), the Annual Dose Report covering the previous year shall be submitted on or before April 30 each year. The Annual Dose Report for 2008 provides the results of individual radiation monitoring carried out by Byron Station for each individual for whom radiation monitoring was provided during 2008. The data file containing this report was submitted electronically via the Radiation Exposure and Information Reporting System (REIRS) internet web page on April 24, 2009.

The data file entitled "byr2008form5.dat" was generated on April 01, 2008, following the guidance provided in Regulatory Guide 8.7, "Instructions for Recording and Reporting Occupational Radiation Exposure Data," Revision 2, dated November 2005.

Should you have any questions concerning this information, please contact David Gudger at (815) 406-2800.

Respectfully,



Daniel J. Enright
Site Vice President
Byron Station

DJE/LLD/TLH/vb

03/03/2009

File: C:\Documents and Settings\peird\My Documents\REIRS\REIRS2009\byr-08.dat

License No: NPF-37

Licensee Name: BYRON NUCLEAR STATION

Contact Person: LORI DOYLE

Associated Licenses: NPF-66

	Number	TEDE
No measurable exp.	1990	0.000
Meas. - 0.100	996	39.529
0.100 - 0.250	355	55.816
0.250 - 0.500	118	37.503
0.500 - 0.750	13	7.166
0.750 - 1.000	1	0.795
1.000 - 2.000	0	0.000
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:	1483	
Total Monitored:	3473	
Total Collective TEDE (rem):		140.809
Total CDE:		0.000
Total CEDE:		0.000
Number of Intake Records:	0	

Validation Status:

Errors: 0

Warnings: 0