

# AmerGen<sup>SM</sup>

An Exelon Company

Clinton Power Station  
R. R. 3, Box 228  
Clinton, IL 61727

U-603657

March 16, 2004

Document Control Desk  
Nuclear Regulatory Commission  
Washington, D.C. 20555

Clinton Power Station  
Facility Operating License No. NPF-62  
NRC Docket No. 50-461

Subject: Annual Occupational Radiation Exposure Report

In accordance with Section 5.6.1 of the Clinton Power Station Technical Specifications, AmerGen Energy Company, LLC (AmerGen) is submitting the Annual Occupational Radiation Exposure Report for the period of January 1, 2003, through December 31, 2003, for the Clinton Power Station. The attachment to this letter provides the required information.

Respectfully,

  
W. S. Iliff  
Regulatory Assurance Manager

EET/blf

Attachment

cc: Regional Administrator, NRC Region III  
NRC Senior Resident Inspector - Clinton Power Station  
Director, Office of Nuclear Regulatory Research  
Office of Nuclear Facility Safety - Illinois Emergency Management Agency  
Clinton Power Station Project Manager - NRR

IES6

### **Report of Personnel and Man-Rem by Work and Job Function**

This report is a tabulation of the number of station, utility and other personnel (including contractors) who received exposures greater than 100 mrem/year and their associated man-rem exposure according to work and job functions for the year 2003.

The work and job function grand totals for personnel greater than 100 mrem/year are different than the actual number of personnel at the bottom of the report, because an individual may perform work under more than one work or job function during the year.

The total man rem is based on estimated exposure.

There was no Special Plant Maintenance performed in 2003.

Reporting Year: 2003  
CLINTON POWER STATION

# PERSONNEL (>100 MREM)

TOTAL MAN-REM

WORK & JOB FUNCTION	STATION	UTILITY	CONTRACT	STATION	UTILITY	CONTRACT
<b>Reactor Operations and Surveillance</b>						
Maintenance and Construction	1	0	0	0.110	0.000	0.000
Operations	23	0	0	1.805	0.000	0.000
Health Physics and Lab	1	0	0	0.001	0.000	0.000
Supervisory and Office Staff	0	0	0	0.000	0.000	0.000
Engineering Staff	0	0	0	0.000	0.000	0.000
<b>Routine Plant Maintenance</b>						
Maintenance and Construction	64	0	29	26.594	0.000	6.785
Operations	27	0	0	3.639	0.000	0.000
Health Physics and Lab	21	0	3	5.773	0.000	1.423
Supervisory and Office Staff	9	1	2	1.244	0.215	1.171
Engineering Staff	10	0	1	2.401	0.000	0.221
<b>Inservice Inspection</b>						
Maintenance and Construction	0	0	0	0.000	0.000	0.000
Operations	0	0	0	0.000	0.000	0.000
Health Physics and Lab	2	0	0	0.012	0.000	0.000
Supervisory and Office Staff	3	0	0	0.007	0.000	0.000
Engineering Staff	0	0	0	0.000	0.000	0.000
<b>Special Plant Maintenance</b>						
Maintenance and Construction	0	0	0	0.000	0.000	0.000
Operations	0	0	0	0.000	0.000	0.000
Health Physics and Lab	0	0	0	0.000	0.000	0.000
Supervisory and Office Staff	0	0	0	0.000	0.000	0.000
Engineering Staff	0	0	0	0.000	0.000	0.000
<b>Waste Processing</b>						
Maintenance and Construction	0	0	0	0.000	0.000	0.000
Operations	0	0	0	0.000	0.000	0.000
Health Physics and Lab	3	0	0	0.006	0.000	0.000
Supervisory and Office Staff	1	0	0	0.001	0.000	0.000
Engineering Staff	0	0	0	0.000	0.000	0.000
<b>Refueling Operations</b>						
Maintenance and Construction	15	0	3	0.417	0.000	0.449
Operations	1	0	0	0.007	0.000	0.000
Health Physics and Lab	13	0	2	0.291	0.000	0.016
Supervisory and Office Staff	6	0	0	0.115	0.000	0.000
Engineering Staff	1	0	0	0.020	0.000	0.000
<b>WORK &amp; JOB FUNCTION TOTALS</b>	<b>201</b>	<b>1</b>	<b>40</b>	<b>42.443</b>	<b>0.215</b>	<b>10.065</b>
<b>GRAND TOTALS:</b>	<b>201</b>	<b>1</b>	<b>40</b>	<b>42.443</b>	<b>0.215</b>	<b>10.065</b>

Actual Number of Personnel > 100 mrem:168