



An Exelon/British Energy Company

Clinton Power Station

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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, 2002, through December 31, 2002, 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 Department of Nuclear Safety

JE56

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 2002.

The actual number of personnel greater than 100 mrem per year is different than the work and job function total, 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.

A description of the Special Plant Maintenance performed in 2002 is as follows:

- Radiation Work Permit 10001188, IFTS Pool Diving for Sensor Replacement, 755' Fuel Building and 828' Containment. This work included IFTS sensor repairs and replacement. The work order (WO) documents for this work: WO 00016830.
- Radiation Work Permit 10001127, Hydrogen Water Chemistry (HWC) Durability Monitor Installation. This work included install and remove scaffolding, remove and install insulation, install and remove lead shielding, installation of hangers and piping in the Reactor Water Cleanup System Mezzanine, providing electrical wiring for HWC Durability Monitor, calibration of new Differential Pressure transmitters, leak checks at Normal Operating Pressure, and hang identification tags on installed equipment. The work documents for this work: WO 00350773.
- Radiation Work Permit 06011038, C1R08 Drywell – Install Blind Flange 1RR01AA (1B33F025A/26A. This work included installing blind flange coupling in 1RR01AA-3/4" and repacking valves 1B33F025B and 1B33F026B. The work documents for this work: WO 00002874, WO 00427550.

Reporting Year: 2002

PERSONNEL (>100 MREM)

TOTAL MAN-REM

WORK & JOB FUNCTION	STATION	UTILITY	CONTRACT	STATION	UTILITY	CONTRACT
Reactor Operations and Surveillance						
Maintenance and Construction	24	0	8	1.117	0 000	0.100
Operations	43	0	0	8 494	0 000	0.000
Health Physics and Lab	12	0	6	0.615	0 000	0.097
Supervisory and Office Staff	7	1	0	0.519	0 055	0 000
Engineering Staff	0	0	1	0.000	0 000	0 009
Routine Plant Maintenance						
Maintenance and Construction	74	2	352	32.073	0.353	86 904
Operations	41	1	1	3 805	0 003	0.145
Health Physics and Lab	34	1	27	10.138	0.173	5 767
Supervisory and Office Staff	10	1	1	1.243	0.091	0 074
Engineering Staff	4	0	1	0 471	0 000	0.105
Inservice Inspection						
Maintenance and Construction	13	0	78	0.231	0 000	16 520
Operations	14	1	0	1.369	0 375	0 000
Health Physics and Lab	7	0	16	0 673	0 000	1 083
Supervisory and Office Staff	3	0	0	0.193	0 000	0 000
Engineering Staff	0	0	0	0.000	0 000	0 000
Special Plant Maintenance						
Maintenance and Construction	8	0	29	0.809	0.000	2.296
Operations	1	0	0	0.033	0.000	0 000
Health Physics and Lab	8	0	4	0.101	0.000	0.131
Supervisory and Office Staff	0	0	0	0 000	0.000	0.000
Engineering Staff	0	0	0	0 000	0.000	0.000
Waste Processing						
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	7	0	1	0 057	0 000	0 003
Supervisory and Office Staff	0	0	0	0 000	0 000	0.000
Engineering Staff	0	0	0	0 000	0 000	0 000
Refueling Operations						
Maintenance and Construction	12	0	134	0 643	0 000	12.249
Operations	10	0	0	1.143	0 000	0 000
Health Physics and Lab	14	0	13	0 757	0 000	1 012
Supervisory and Office Staff	7	0	1	0 503	0 000	0 027
Engineering Staff	1	0	0	0 193	0 000	0 000
WORK & JOB FUNCTION TOTALS	354	7	673	65.180	1 050	126 495
GRAND TOTALS:	354	7	673	65 180	1.050	126 495
Actual Number of Personnel > 100 mrem: 609						