

AmerGenSM

An Exelon Company

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

U-603668
April 20, 2004

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555-0001

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

Subject: Annual Environmental Operating Report

In accordance with Appendix B, Environmental Protection Plan, of Facility Operating License No. NPF-62 for Clinton Power Station, AmerGen Energy Company, LLC (AmerGen) is submitting the attached Annual Environmental Operating Report. This report covers the period of January 1, 2003 through December 31, 2003.

Respectfully,



M. D. McDowell
Plant Manager
Clinton Power Station

EET/bif

Attachment

cc: Regional Administrator - NRC Region III
NRC Senior Resident Inspector – Clinton Power Station
Office of Nuclear Facility Safety - Illinois Emergency Management Agency

IE25

Annual Environmental Operating Report

The Environmental Protection Plan (EPP) for Clinton Power Station (CPS) requires that the Annual Environmental Operating Report include:

- (a) A list of EPP noncompliances and the corrective actions taken to remedy them.
 - (b) A list of all changes in station design or operation, tests, and experiments made in accordance with Subsection 3.1 of the EPP which involved a potentially significant unreviewed environmental issue.
 - (c) A list of non-routine reports submitted in accordance with Subsection 5.4.2 of the EPP.
-
- (d) Any results and/or assessments for the environmental monitoring programs described in Subsection 2.0 of the EPP which were submitted to the respective regulatory agencies during the annual reporting period.

The following provides AmerGen's response to each listed item for CPS:

A. A list of EPP noncompliances and the corrective actions taken to remedy them:

1. Noncompliance:

An NPDES non-compliance occurred at the Shutdown Service Water (SX) Outfall 007 on 5/5/03, for high Total Residual Chlorine (TRC) of 0.28 mg/l (0.05 mg/l limit), because of a broken carrier line for sodium bisulfite. Upon discovery, chlorination was immediately shutdown to the Safe Shutdown Service Water (SX) and Service Water (WS) systems. The subsequent investigation revealed a leak in the underground sodium bisulfite transfer line that services the SX system. The SX and WS chlorination systems were returned to service on May 23, 2003, after the leak was repaired.

B. A list of all changes in station design or operation, tests, and experiments made in accordance with Subsection 3.1 of the EPP that involved a potentially significant unreviewed environmental issue:

Clinton Power Station did not submit any changes made in accordance with Subsection 3.1 of the EPP during 2003.

C. A list of non-routine reports submitted in accordance with Subsection 5.4.2 of the EPP:

Clinton Power Station did not submit any non-routine reports to the NRC in accordance with Subsection 5.4.2 of the EPP during 2003.

D. Any results and/or assessments for the environmental monitoring programs described in Subsection 2.0 of the EPP which were submitted to the respective regulatory agencies during the annual reporting period:

There were no results and/or assessments submitted to regulatory agencies regarding environmental monitoring programs described in Subsection 2.0 during 2003.