



Entergy Nuclear Northeast
Entergy Nuclear Operations, Inc.
Indian Point Energy Center
450 Broadway, Suite 1
P.O. Box 249
Buchanan, NY 10511-0249

April 28, 2005

Re: Indian Point Units No 1, 2, 3
Docket Nos. 50-3, 50-247, 50-286
NL-05-052

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Mail Stop O-P1-17
Washington, DC 20555-0001

Subject: 2004 Annual Environmental Protection Plan Report

Dear Sir;

Enclosed please find the 2004 Annual Environmental Protection Plan Report for the period of January 1, 2004 through December 31, 2004. Entergy Nuclear Operation, Inc. (Entergy) is submitting this report in accordance with Appendix B to each facility's operating license, DPR-5, DPR-26, and DPR-64, for Indian Point Units 1, 2, and 3, respectively. This report satisfies the requirements of Subsection 5.4.1 of the Environmental Technical Specifications.

Entergy Nuclear Operations, Inc. is making no new commitments in this letter. Should you have any questions regarding this matter, please contact Mr. Patric W. Conroy, Licensing Manager at (914) 734-6668.

Very truly yours,

A handwritten signature in black ink, appearing to read "Patric W. Conroy".

Patric W. Conroy
Manager Licensing
Indian Point Energy Center

Enclosure: 2004 Environmental Protection Plan Report

Cc: next page

IE25

cc: Mr. Samuel J. Collins
Regional Administrator - Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

Mr. Patrick D. Milano, Senior Project Manager
Division of Reactor Projects I/II
U.S. Nuclear Regulatory Commission
Mail Stop O-8-C2
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Resident Inspector's Office
U.S. Nuclear Regulatory Commission
Indian Point 2
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Buchanan, NY 10511-0038

Resident Inspector's Office
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Mr. John L. Minns, Project Manager
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Mr. Paul Eddy
NYS Department of Public Service
3 Empire Plaza
Albany, NY 12223

Mr. Robert Oliveira
American Nuclear Insurers
95 Glastonbury Blvd
Glastonbury, Conn 06033

Mr. John P. Spath, Director
NYSERDA
17 Columbia Circle
Albany, NY 12203-6399

ENCLOSURE TO NL-05-052

Indian Point Energy Center

2004 Annual Environmental Protection Plan Report Report

(4 Pages)

ENTERGY NUCLEAR OPERATIONS, INC.
INDIAN POINT UNIT 1, 2, and 3 NUCLEAR POWER PLANTS
DOCKET Nos. 50-03, 50-247, and 50-286

Annual Environmental Protection Plan Report
For the 2004 Calendar Year Pursuant to
Appendix B to Facility Licenses
Indian Point Unit Nos. 1, 2, and 3

Subsection 5.4.1 of Appendix B to the Nuclear Regulatory Commission Facility Operating Licenses for Indian Point Units 1, 2, (issued April 24, 1981) and 3 (issued May 26, 1981), requires that an Annual Environmental Protection Plan Report (the "Report") describing implementation of the facilities' Environmental Protection Plan (the "EPP") for the previous year be submitted to the NRC prior to May 1 of each year. This Report is for the 2004 calendar year.

Subsection 5.4.1 of Appendix B specifies that the Report shall include summaries and analyses of the results of any EPP activities (environmental monitoring) required by Subsection 4.2 of the EPP for the reporting period.

Response:

Subsection 4.2 specifies that no environmental monitoring is required. No adverse trends indicating damage to the environment, from non-radiological discharges, have been reported to the New York State Department of Environmental Conservation during the reporting period.

Subsection 5.4.1 of Appendix B also specifies the Report shall include:

- A. A list of EPP noncompliance's during calendar year 2004 and the corrective actions taken to remedy them.

Response:

During the calendar year 2004, there were no EPP noncompliances.

- B. A list of all changes in station design or operation, tests, and experiments made in accordance with Subsection 3.1 which involved a potentially significant unreviewed environmental issue at Indian Point Units 1, 2, and 3 during calendar year 2004.

Response:

During the calendar year 2004, there were no changes in station design or operation, tests, and experiments, which involved a potentially significant unreviewed environmental issue at Indian Point Units 1, 2, or 3.

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

Response:

During calendar year 2004, Indian Point Units 2 and 3 submitted no non-routine reports to NYSDEC.

- D. A list of all reports submitted in accordance with the SPDES (State Pollution Discharge Elimination System) permit during 2004.

Response:

1. SPDES Permit

- (a) Listed below are the recipient, transmitter and transmittal dates for the 2004 monthly Discharge Monitoring Reports which were submitted to the NYSDEC and other agencies pursuant to the SPDES permit for Indian Point Units 1, 2, and 3 (permit no. NY0004472).

Recipient	Transmitter	Date
New York State DEC Bureau of Water Compliance Programs 625 Broadway, 4 th Floor Albany, NY 12233-3506	Fred Dacimo Vice President Entergy Nuclear Indian Point295 Broadway, Suite 1 P.O. Box 249 Buchanan, NY 10511-0249	2/18/04
		3/16/04
		4/23/04
		5/26/04
		6/22/04
		7/25/04
		8/23/04
		9/16/04
		10/21/04
		11/18/04
		12/16/04
		1/18/05*
New York State DEC Region 3 - White Plains Office 200 White Plains Road - 5th Fl. Tarrytown, NY 10591	Fred Dacimo Vice President Entergy Nuclear Indian Point295 Broadway, Suite 1 P.O. Box 249 Buchanan, NY 10511-0249	2/18/04
		3/16/04
		4/23/04
		5/26/04
		6/22/04
		7/25/04
		8/23/04
		9/16/04
		10/21/04
		11/18/04
		12/16/04
		1/18/05*

<u>Recipient</u>	<u>Transmitter</u>	<u>Date</u>
Dr. Alan Mytelka Director & Chief Engineer Interstate Sanitation Commission 311 West 43rd. Street New York, NY 10036	Fred Dacimo	2/18/04
	Vice President	3/16/04
	Entergy Nuclear Indian	4/23/04
	Point295 Broadway, Suite 1	5/26/04
	P.O. Box 249	6/22/04
	Buchanan, NY 10511-0249	7/25/04
		8/23/04
		9/16/04
		10/21/04
		11/18/04
		12/16/04
		1/18/05*
Westchester County Health Dept 145 Huguenot Street, Fl. 8 New Rochelle, NY 10801-5216	Fred Dacimo	2/18/04
	Vice President	3/16/04
	Entergy Nuclear Indian	4/23/04
	Point295 Broadway, Suite 1	5/26/04
	P.O. Box 249	6/22/04
	Buchanan, NY 10511-0249	7/25/04
		8/23/04
		9/16/04
		10/21/04
		11/18/04
		12/16/04
		1/18/05*

* December 2004 Report

- (b) Listed below are the recipients, transmitters and transmittal dates for the Indian Point Units 1, 2 and 3 operating data (daily electrical generations, circulating water flows, and intake and discharge circulating water temperatures) reports for calendar year 2004.

<u>Recipient</u>	<u>Transmitter</u>	<u>Date</u>
NYSDEC - Division of Water 625 Broadway, 4 th Floor Albany, NY 12233-3506	Fred Dacimo Vice President Entergy Nuclear Indian Point295 Broadway, Suite 1 P.O. Box 249 Buchanan, NY 10511-0249	4/15/04 7/19/04 10/18/04 4/22/05*
New York State DEC Regional Engineer - Region 3 200 White Plains Rd. Tarrytown, NY 10591	Fred Dacimo Vice President Entergy Nuclear Indian Point295 Broadway, Suite 1 P.O. Box 249 Buchanan, NY 10511-0249	4/15/04 7/19/04 10/18/04 4/22/05*

* Fourth Quarter 2004 Report

- (c) Listed below are the recipients, transmitter and transmittal dates for the annual report of Hudson River research activities for the reporting period 1 January – 31 December 2004, submitted to the National Marine Fisheries Service in accordance with Scientific Research Permit No 1254, Section C-2, associated with the Indian Point 1, 2 and 3 SPDES Permit.

<u>Recipient</u>	<u>Transmitter</u>	<u>Date</u>
Mr. David O'Brien National Marine Fisheries Service Office of Protected Resources 1314 E-W Highway 13 th Floor Silver Springs, MD 20910-3226	Martin Daley Director, Regulatory & Administrative Services Dynergy Northeast Generation 992-994 River Road Newburgh, NY 12550	2/4/05
Ms. Mary Colligan Protected Resources Division National Marine Fisheries Service One Blackburn Drive Gloucester, MA 01930	Martin Daley Director, Regulatory & Administrative Services Dynergy Northeast Generation 992-994 River Road Newburgh, NY 12550	2/4/05