August 16, 2007

Mr. Peter Colosi
Habitat Conservation Coordinator
National Marine Fisheries Service
One Blackburn Drive
Glouster, MA 01930

SUBJECT: REQUEST FOR LIST OF PROTECTED SPECIES AND ESSENTIAL FISH HABITAT WITHIN THE AREA UNDER EVALUATION FOR THE INDIAN POINT NUCLEAR GENERATING UNIT NOS. 2 AND 3 LICENSE RENEWAL APPLICATION REVIEW

Dear Mr. Colosi:

The U.S. Nuclear Regulatory Commission (NRC) is reviewing an application submitted by Entergy Nuclear Operations, Inc. for the renewal of the operating licenses for Indian Point Nuclear Generating Unit Nos. 2 and 3 (Indian Point). Indian Point is located in Buchanan, NY, approximately 24 miles north of the New York City boundary line. As part of the review of the license renewal application (LRA), the NRC is preparing a Supplemental Environmental Impact Statement (SEIS) under the provisions of Title 10 of the *Code of Federal Regulations* Part 51 (10 CFR Part 51), the NRC's regulation that implements the National Environmental Policy Act (NEPA) of 1969. The SEIS includes an analysis of pertinent environmental issues, including endangered or threatened species and impacts to marine resources and habitat. This letter is being submitted under the provisions of the Endangered Species Act of 1973, as amended; the Fish and Wildlife Coordination Act of 1934, as amended; and the Sustainable Fisheries Act of 1996.

The proposed action is to renew the facility operating licenses for Indian Point for an additional 20 years beyond the expiration of the current operating licenses. The proposed action would include the use and continued maintenance of existing plant facilities and transmission lines. The Indian Point site covers approximately 239 acres. Indian Point is bordered on the north, south and east by partially wooded privately owned land and on the west by the Hudson River. Enclosures 1 and 2 provide a general overview of the site location and site layout.

Indian Point is equipped with a once-through open-cycle cooling system that withdraws cooling water from and discharges back into the Hudson River. The intake system includes seven bays for each unit located at the shore. Six 96-inch pipes discharge water beneath the water's surface within a 40-foot wide discharge canal.

The transmission lines in the scope of NRC's environmental review for license renewal are those that were originally constructed for the specific purpose of connecting the plant to the transmission system. The transmission line corridor to the Buchanan Substation (approximately 2100 feet southeast from the reactors, just across Broadway from the facility's main entrance) is located in the industrial portion of the site, except for where the lines cross Broadway. This transmission line corridor is being evaluated as part of the SEIS process. The enclosed transmission line map shows the transmission system that is being evaluated in the SEIS. Two 345-kilovolt (kV) lines connect Indian Point to the Buchanan Substation. This corridor also includes 138-kV transmission lines that supply offsite power from the substation into Indian Point.

To support the SEIS preparation process and to ensure compliance with Section 7 of the Endangered Species Act, the NRC requests information on Federally listed, proposed, and candidate species and critical habitat that may be in the vicinity of the Indian Point site. In addition, please provide any information you consider appropriate under the provisions of the Fish and Wildlife Coordination Act. Also, in support of the SEIS preparation and to ensure compliance with Section 305 of the Magnuson-Stevens Fishery Conservation and Management Act, the NRC requests a list of essential fish habitats that have been designated in the vicinity of the Indian Point site.

On September 19, 2007, the NRC staff plans to hold two public NEPA scoping meetings at the Colonial Terrace, located at 119 Oregon Rd. in Cortlandt Manor, NY. The first session will convene at 1:30 p.m. and will continue until 4:30 p.m., as necessary. The second session will convene at 7:00 p.m., with a repeat of the overview portions of the meeting, and will continue until 10:00 p.m., as necessary. The NRC staff plans to conduct a site audit at the Indian Point site during the week of September 10, 2007. You and your staff are invited to attend both the public meetings and the site audit. In addition, your office will receive a copy of the draft SEIS along with a request for comments. The anticipated publication date for the draft SEIS is July 2008.

If you have any questions concerning the NRC staff review of this LRA, please contact Ms. Jill Caverly, Project Manager at 301-415-6699 or jsc1@nrc.gov.

Sincerely,

/RA/
Rani Franovich, Branch Chief
Environmental Branch B
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket Nos. 50-247 and 50-286

Enclosures:
As stated

cc w/encls: See next page

The transmission lines in the scope of NRC's environmental review for license renewal are those that were originally constructed for the specific purpose of connecting the plant to the transmission system. The transmission line corridor to the Buchanan Substation (approximately 2100 feet southeast from the reactors, just across Broadway from the facility's main entrance) is located in the industrial portion of the site, except for where the lines cross Broadway. This transmission line corridor is being evaluated as part of the SEIS process. The enclosed transmission line map shows the transmission system that is being evaluated in the SEIS. Two 345-kilovolt (kV) lines connect Indian Point to the Buchanan Substation. This corridor also includes 138-kV transmission lines that supply offsite power from the substation into Indian Point.

To support the SEIS preparation process and to ensure compliance with Section 7 of the Endangered Species Act, the NRC requests information on Federally listed, proposed, and candidate species and critical habitat that may be in the vicinity of the Indian Point site. In addition, please provide any information you consider appropriate under the provisions of the Fish and Wildlife Coordination Act. Also, in support of the SEIS preparation and to ensure compliance with Section 305 of the Magnuson-Stevens Fishery Conservation and Management Act, the NRC requests a list of essential fish habitats that have been designated in the vicinity of the Indian Point site.

On September 19, 2007, the NRC staff plans to hold two public NEPA scoping meetings at the Colonial Terrace, located at 119 Oregon Rd. in Cortlandt Manor, NY. The first session will convene at 1:30 p.m. and will continue until 4:30 p.m., as necessary. The second session will convene at 7:00 p.m., with a repeat of the overview portions of the meeting, and will continue until 10:00 p.m., as necessary. The NRC staff plans to conduct a site audit at the Indian Point site during the week of September 10, 2007. You and your staff are invited to attend both the public meetings and the site audit. In addition, your office will receive a copy of the draft SEIS along with a request for comments. The anticipated publication date for the draft SEIS is July 2008.

If you have any questions concerning the NRC staff review of this LRA, please contact Ms. Jill Caverly, Project Manager at 301-415-6699 or jsc1@nrc.gov.

Sincerely,

/RA/
Rani Franovich, Branch Chief
Environmental Branch B
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket Nos. 50-247 and 50-286

Enclosures:
As stated

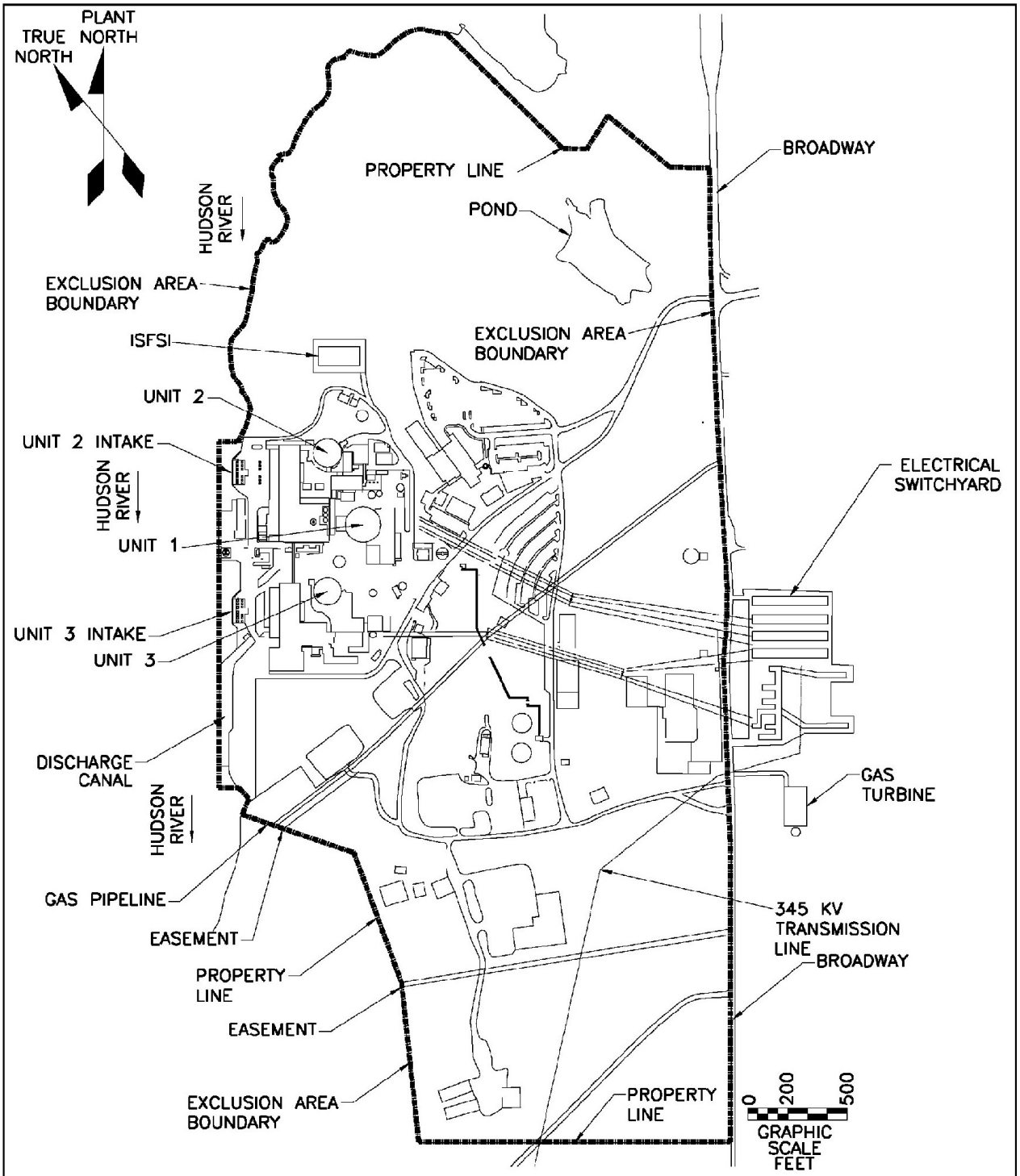
cc w/encls: See next page
DISTRIBUTION: See next page
Adam Accession No.: **ML072130388**

OFFICE	LA:DLR	PM:DLR:REBB	BC:DLR:REBB
NAME	IKing	JCaverly	RFranovich
DATE	8/3/07	8/6/07	8/16/07

OFFICIAL RECORD COPY

50 Mile Radius
MASSACHUSETTS
CONNECTICUT
NEW YORK
PENNSYLVANIA
NEW JERSEY
Indian Point
Poughkeepsie–Newburgh
Middletown
Danbury
Waterbury
Hartford
New Haven
Bridgeport–Stamford
New York–Newark
North Atlantic Ocean
Legend
Limited Access
Highway
Major Road
State
County
Airport
2000 Population - Urban Areas
719 - 1,008,509
1,008,510 - 8,299,353
8,299,354 - 17,340,042
0 3 6 12 18 24 Miles

Enclosure 1



ENERCON SERVICES, INC. MT. ARLINGTON, NJ	INDIAN POINT 2 AND 3				
	SITE EXCLUSION AREA AND FEATURES	SIZE A	PROJECT NO.	DWG NO.	REV
		SCALE	NONE		SHEET

Enclosure 2

Letter to Mr. Colosi from Rani Franovich, dated August 16, 2007

SUBJECT: REQUEST FOR LIST OF PROTECTED SPECIES AND ESSENTIAL FISH HABITAT WITHIN THE AREA UNDER EVALUATION FOR THE INDIAN POINT NUCLEAR GENERATING UNIT NOS. 2 AND 3 LICENSE RENEWAL APPLICATION REVIEW

DISTRIBUTION:

HARD COPY
DLR RF

E-MAIL:
PUBLIC
RidsEdoMailCenter
RidsSecyMailCenter
RidsOgcMailCenter
RidsNrrWpcMail
RidsRgn1MailCenter
RidsNrrDlr
RidsNrrDlrRlra
RidsNrrDlrRlrb
RidsNrrDlrRlrc
RidsNrrDlrReba
RidsNrrDlrRebb

BPham
RFranovich
KGreen
JCaverly
RAuluck
MKowal
JBoska
ECobey, RI
GMeyer, RI
MMcLaughlin, RI
NMcNamara, RI
RBarkley, RI
GBowman, RI
CHott, RI
RConte, RI
MCox, RI
DJackson, RI
BWittick, RI
NSheehan, RI OPA
DScrenci, RI OPA
SBurnell, OPA
DMcIntyre, OPA
RShane, OCA
UShoop, OEDO
LRakovan, OEDO

Indian Point Nuclear Generating
Unit Nos. 2 & 3

cc:

Mr. Gary J. Taylor
Chief Executive Officer
Entergy Operations, Inc.
1340 Echelon Parkway
Jackson, MS 39213

Mr. John T. Herron
Senior Vice President and
Chief Operating Officer
Entergy Nuclear Operations, Inc.
440 Hamilton Avenue
White Plains, NY 10601

Mr. Fred R. Dacimo
Site Vice President
Entergy Nuclear Operations, Inc.
Indian Point Energy Center
450 Broadway, GSB
P.O. Box 249
Buchanan, NY 10511-0249

Mr. Paul Rubin
General Manager, Plant Operations
Entergy Nuclear Operations, Inc.
Indian Point Energy Center
450 Broadway
P.O. Box 249
Buchanan, NY 10511-0249

Mr. Oscar Limpias
Vice President Engineering
Entergy Nuclear Operations, Inc.
440 Hamilton Avenue
White Plains, NY 10601

Mr. Christopher Schwarz
Vice President, Operations Support
Entergy Nuclear Operations, Inc.
440 Hamilton Avenue
White Plains, NY 10601

Mr. John F. McCann
Director, Licensing
Entergy Nuclear Operations, Inc.
440 Hamilton Avenue
White Plains, NY 10601

Ms. Charlene D. Faison
Manager, Licensing
Entergy Nuclear Operations, Inc.
440 Hamilton Avenue
White Plains, NY 10601

Mr. Michael J. Columb
Director of Oversight
Entergy Nuclear Operations, Inc.
440 Hamilton Avenue
White Plains, NY 10601

Mr. James Comiotes
Director, Nuclear Safety Assurance
Entergy Nuclear Operations, Inc.
Indian Point Energy Center
450 Broadway, GSB
P.O. Box 249
Buchanan, NY 10511-0249

Mr. Patric Conroy
Manager, Licensing
Entergy Nuclear Operations, Inc.
Indian Point Energy Center
450 Broadway, GSB
P. O. Box 249
Buchanan, NY 10511-0249

Assistant General Counsel
Entergy Nuclear Operations, Inc.
440 Hamilton Avenue
White Plains, NY 10601

Mr. Peter R. Smith, President
New York State Energy, Research, and
Development Authority
17 Columbia Circle
Albany, NY 12203-6399

Mr. Paul Eddy
New York State Department
of Public Service
3 Empire State Plaza
Albany, NY 12223

cc:

Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

Senior Resident Inspector's Office
Indian Point 2
U. S. Nuclear Regulatory Commission
P.O. Box 59
Buchanan, NY 10511

Senior Resident Inspector's Office
Indian Point 3
U. S. Nuclear Regulatory Commission
P.O. Box 59
Buchanan, NY 10511

Mr. Charles Donaldson, Esquire
Assistant Attorney General
New York Department of Law
120 Broadway
New York, NY 10271

Mayor, Village of Buchanan
236 Tate Avenue
Buchanan, NY 10511

Mr. Raymond L. Albanese
Four County Coordinator
200 Bradhurst Avenue
Unit 4 Westchester County
Hawthorne, NY 10532

Mr. William DiProfio
PWR SRC Consultant
139 Depot Road
East Kingston, NH 03827

Mr. Garry Randolph
PWR SRC Consultant
1750 Ben Franklin Drive, 7E
Sarasota, FL 34236

Mr. William T. Russell
PWR SRC Consultant
400 Plantation Lane
Stevensville, MD 21666-3232

Mr. Jim Riccio
Greenpeace
702 H Street, NW
Suite 300
Washington, DC 20001

Mr. Phillip Musegaas
Riverkeeper, Inc.
828 South Broadway
Tarrytown, NY 10591

Mr. Mark Jacobs
IPSEC
46 Highland Drive
Garrison, NY 10524