

April 29, 2008

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

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION FOR THE REVIEW OF THE  
INDIAN POINT NUCLEAR GENERATING UNIT NOS. 2 AND 3, LICENSE  
RENEWAL APPLICATION – METAL ENCLOSED BUSES AND FIRE  
PROTECTION

Dear Sir or Madam:

By letter dated April 23, 2007, as supplemented by letters dated May 3, 2007, and June 21, 2007, Entergy Nuclear Operations, Inc., submitted an application pursuant to Title 10 of the *Code of Federal Regulations* Part 54, to renew the operating licenses for Indian Point Nuclear Generating Unit Nos. 2 and 3, for review by the U.S. Nuclear Regulatory Commission (NRC or the staff). The staff is reviewing the information contained in the license renewal application and has identified, in the enclosure, areas where additional information is needed to complete the review. Further requests for additional information may be issued in the future.

Items in the enclosure were discussed with Mr. Robert Walpole, and a mutually agreeable date for the response is within 30 days from the date of this letter. If you have any questions, please contact me at 301-415-1627 or via e-mail at [kimberly.green@nrc.gov](mailto:kimberly.green@nrc.gov).

Sincerely,

**/RA/**

Kimberly Green, Safety Project Manager  
Projects Branch 2  
Division of License Renewal  
Office of Nuclear Reactor Regulation

Docket Nos. 50-247 and 50-286

Enclosure:  
As stated

cc w/encl: See next page

April 29, 2008

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

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION FOR THE REVIEW OF THE  
INDIAN POINT NUCLEAR GENERATING UNIT NOS. 2 AND 3, LICENSE  
RENEWAL APPLICATION – METAL ENCLOSED BUSES AND FIRE  
PROTECTION

Dear Sir or Madam:

By letter dated April 23, 2007, as supplemented by letters dated May 3, 2007, and June 21, 2007, Entergy Nuclear Operations, Inc., submitted an application pursuant to Title 10 of the *Code of Federal Regulations* Part 54, to renew the operating licenses for Indian Point Nuclear Generating Unit Nos. 2 and 3, for review by the U.S. Nuclear Regulatory Commission (NRC or the staff). The staff is reviewing the information contained in the license renewal application and has identified, in the enclosure, areas where additional information is needed to complete the review. Further requests for additional information may be issued in the future.

Items in the enclosure were discussed with Mr. Robert Walpole, and a mutually agreeable date for the response is within 30 days from the date of this letter. If you have any questions, please contact me at 301-415-1627 or via e-mail at [kimberly.green@nrc.gov](mailto:kimberly.green@nrc.gov).

Sincerely,

**/RA/**

Kimberly Green, Safety Project Manager  
Projects Branch 2  
Division of License Renewal  
Office of Nuclear Reactor Regulation

Docket Nos. 50-247 and 50-286

Enclosure:  
As stated

cc w/encl: See next page

DISTRIBUTION: See next page

ADAMS Accession No.: **ML081150435**

OFFICE	PM:RPB2:DLR	LA:DLR	BC:RPB2:DLR
NAME	KGreen	IKing	RFranovich (JRowley for)
DATE	04/29/08	04/29/08	0429/08

OFFICIAL RECORD COPY

Letter to M. Balduzzi from K. Green, dated April 29, 2008

**DISTRIBUTION:**

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION FOR THE REVIEW OF THE INDIAN POINT NUCLEAR GENERATING UNIT NOS. 2 AND 3, LICENSE RENEWAL APPLICATION – METAL ENCLOSED BUSES AND FIRE PROTECTION

**HARD COPY:**

DLR RF

**E-MAIL:**

PUBLIC

RidsNrrDlr

RidsNrrDlrRpb1

RidsNrrDlrRpb2

RidsNrrDlrRer1

RidsNrrDlrRer2

RidsNrrDlrRerb

RidsNrrDlrRpob

RidsNrrDciCvib

RidsNrrDciCpnb

RidsNrrDraAfpb

RidsNrrDraAplb

RidsNrrDeEmcb

RidsNrrDeEeeb

RidsNrrDssSrxb

RidsNrrDssSbpb

RidsNrrDssScvb

RidsOgcMailCenter

-----  
RFranovich

BPham

KGreen

NIqbal

RAuluck

KChang

MKowal

JBoska

STurk, OGC

LSubin, OGC

BMizuno, OGC

SBurnell, OPA

DMcIntyre, OPA

TMensah, OEDO

DNguyen

EDacus, OCA

GMeyer, RI

MMcLaughlin, RI

NMcNamara, RI

DScrenci, RI OPA

NSheehan, RI OPA

PCataldo, RI

CHott, RI

DJackson, RI

BWelling, RI

RConte, RI

ECobey, RI

MCox, RI

Indian Point Nuclear Generating Units 2 and 3

cc:

Senior Vice President  
Entergy Nuclear Operations, Inc.  
P.O. Box 31995  
Jackson, MS 39286-1995

Vice President Oversight  
Entergy Nuclear Operations, Inc.  
P.O. Box 31995  
Jackson, MS 39286-1995

Senior Manager, Nuclear Safety &  
Licensing  
Entergy Nuclear Operations, Inc.  
P.O. Box 31995  
Jackson, MS 39286-1995

Senior Vice President and COO  
Entergy Nuclear Operations, Inc.  
440 Hamilton Avenue  
White Plains, NY 10601

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

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

Mr. Paul D. Tonko  
President and CEO  
New York State Energy Research and  
Development Authority  
17 Columbia Circle  
Albany, NY 12203-6399

Mr. John P. Spath  
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 12223-1350

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

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

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

Mr. William DiProfio  
PWR SRC Consultant  
48 Bear Hill Road  
Newton, NH 03858

Indian Point Nuclear Generating Units 2 and 3

cc:

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

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

Mr. R. M. Waters  
Technical Specialist Licensing  
450 Broadway  
P.O. Box 0249  
Buchanan, NY 10511-0249

Mr. Sherwood Martinelli  
351 Dyckman  
Peekskill, NY 10566

Ms. Susan Shapiro, Esq.  
21 Perlman Drive  
Spring Valley, NY 10977  
Tarrytown, NY 10591

John Sipos  
Assistant Attorney General  
New York State Department of Law  
Environmental Protection Bureau  
The Capitol  
Albany, NY 12224

Robert Snook  
Assistant Attorney General  
Office of the Attorney General  
State of Connecticut  
55 Elm Street  
P.O. Box 120  
Hartford, CT 06141-0120

Ms. Kathryn M. Sutton, Esq.  
Morgan, Lewis & Bockius, LLP  
1111 Pennsylvania Avenue, NW  
Washington, DC 20004

Mr. Paul M. Bessette, Esq.  
Morgan, Lewis & Bockius, LLP  
1111 Pennsylvania Avenue, NW  
Washington, DC 20004

Mr. Martin J. O'Neill, Esq.  
Morgan, Lewis & Bockius, LLP  
1111 Pennsylvania Avenue, NW  
Washington, DC 20004

The Honorable Nita Lowey  
222 Mamaroneck Avenue, Suite 310  
White Plains, NY 10605

Joan Leary Matthews  
Senior Counsel for Special Projects  
Office of General Counsel  
NYS Department of Environmental  
Conservation  
625 Broadway  
Albany, NY 12233-5500

**INDIAN POINT NUCLEAR GENERATING UNIT NOS. 2 AND 3  
LICENSE RENEWAL APPLICATION  
DRAFT REQUEST FOR ADDITIONAL INFORMATION  
METAL ENCLOSED BUSES AND FIRE PROTECTION**

**RAI 3.6.2.3-1**

License renewal application (LRA), Table 3.6.1, under Item Number 3.6.1-10, "Metal enclosed bus – Enclosure assemblies," states that the only elastomers are access door gaskets and are considered consumables. NUREG-1801, Volume 2, Item VI.A-12, identifies elastomers as a commodity type that requires an aging management review (AMR). Confirm that for in-scope metal enclosed buses, there are no other elastomers or gaskets other than the access door gaskets. For access door elastomers, provide a technical justification of why these components are excluded from an AMR.

**RAI 3.0.3.2.7-2**

In response to RAI 3.0.3.2.7-1 in a letter dated March 12, 2008, Entergy states that fire stops (penetration seals) are visually inspected at least once every seven operating cycles (15% every 24 months). During an audit, the NRC staff reviewed bases documents (for Indian Point Unit 3) associated with the fire protection AMP. One of the bases documents states that 15% of fire seals located in fire barriers are demonstrated to be operable by visual inspection on a frequency of 24 months. However, for those penetration seals that are inaccessible, the frequency of inspection is given as "not required." Justify the lack of visual inspections of inaccessible penetration seals.

ENCLOSURE