



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

November 22, 2013

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 ENVIRONMENTAL REVIEW (TAC NOS. MD5411
AND MD5412)

Dear Sir or Madam:

By letter dated April 23, 2007, Entergy Nuclear Operations, Inc. (Entergy), submitted an application and associated environmental report pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR) Part 51 and 10 CFR 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). The NRC staff documented its findings related to the environmental review of Entergy's license renewal application in Supplement 38, Volumes 1 through 3, to NUREG-1437, "Generic Environmental Impact Statement for License Renewal of Nuclear Plants," which was issued in December 2010, and in Supplement 38, Volume 4, which was issued in June 20, 2013.

By letter dated May 6, 2013, Entergy submitted completed engineering project cost estimates for Severe Accident Mitigation Alternatives (SAMAs) previously identified as potentially cost-beneficial for Indian Point Nuclear Generating Unit Nos. 2 and 3, in their December 2009 submittal of revised SAMA analysis. Entergy submitted this information to support resolution of certain issues identified by the Atomic Safety and Licensing Board in its July 14, 2011, decision granting New York State's (NYS) motion for summary disposition of Consolidated Contention NYS-35/36.

The NRC staff is reviewing the information contained in the May 2013, letter and has identified in the attached enclosure areas where additional information is needed to complete the review.

Vice President, Operations

- 2 -

Items in the enclosure were discussed with Mr. Robert Walpole, and a mutually agreeable date for the response is January 3, 2014. If you have any questions, please contact me at 301-415-3306, or via e-mail at lois.james@nrc.gov.

Sincerely,

A handwritten signature in black ink that reads "Lois James". The signature is written in a cursive, flowing style.

Lois James, 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: Listserv

Vice President, Operations

- 2 -

Items in the enclosure were discussed with Mr. Robert Walpole, and a mutually agreeable date for the response is January 3, 2014. If you have any questions, please contact me at 301-415-3306, or via e-mail at lois.james@nrc.gov.

Sincerely,

/RA/

Lois James, 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: Listserv

DISTRIBUTION:

See next page

ADAMS Accession No. ML13322A834

***Concurred via email**

OFFICE	LA:RPB1:DLR*	PM:RPB2:DLR	BC:AADB:DRA*	BC:RPB2:DLR	PM:RPB2:DLR
NAME	YEdmonds	LJames	JDozier	BWittick	LJames
DATE	11/22/2013	11/22/2013	11/22/2013	11/22/2013	11/22/2013

OFFICIAL RECORD COPY

Letter to Vice President, Operations, from L. James dated November 22, 2013

SUBJECT: REQUESTS FOR ADDITIONAL INFORMATION FOR THE ENVIRONMENTAL
REVIEW OF THE BYRON NUCLEAR STATION, UNITS 1 AND 2, LICENSE
RENEWAL APPLICATION

DISTRIBUTION:

HARD COPY:

DLR RF

E-MAIL:

PUBLIC

RidsNrrDir Resource

RidsNrrDirRpb1 Resource

RidsNrrDirRpb2 Resource

RidsNrrDirRarb Resource

RidsNrrDirRasb Resource

RidsNrrDirRapb Resource

RidsNrrDirRerb Resource

RidsNrrDirRsrg Resource

RidsNrrDraAfpb Resource

RidsOgcMailCenter Resource

Lois.James@nrc.gov

Brian.Wittick@nrc.gov

Yaira.Diaz-Sanabria@nrc.gov

Douglas.Pickett@nrc.gov

Arthur.Burritt@nrc.gov

Thomas.Setzer@nrc.gov

Sherwin.Turk@nrc.gov

Scott.Burnell@nrc.gov

David.McIntyre@nrc.gov

Diane.Screnci@nrc.gov

Neil.Sheehan@nrc.gov

INDIAN POINT NUCLEAR GENERATING UNIT NOS. 2 AND 3
LICENSE RENEWAL APPLICATION
REQUEST FOR ADDITIONAL INFORMATION

Your May 6, 2013, letter to the NRC states:

“The completed SAMA engineering project cost estimates were prepared by RCM Technologies for Entergy in accordance with sound engineering practices and have been reviewed and approved by Entergy management.”

Please provide the RCM Technologies report and cost estimates, including definitions of the cost breakdowns:

- (1) Entergy engineering support, including study, design, and project management;
- (2) Contract engineering support, including field engineers and planners;
- (3) Materials and equipment;
- (4) Plant craft labor;
- (5) Other Entergy support, including Quality Control, Training, and Operations Department;
and
- (6) Other contract support, including security, health physics, and radwaste processing and storage.

ENCLOSURE