

From: Kimberly Green
To: <dtynr@entergy.com>
Date: 11/14/2007 1:48:51 PM
Subject: RAIs on HVAC and Containment
cc: "MICHAEL D STROUD"
<MSTROUD@entergy.com>, <IPNonPublicHearingFile@nrc.gov>

Donna,

These RAIs were signed out on November 9th, and are available on ADAMS at ML073060401. For your use, the Word version of the file is attached.

Please let me know if you have any questions.

Thanks,

Kim Green
U.S. Nuclear Regulatory Commission
One White Flint North
11555 Rockville Pike
Mail Stop O11 F1
Rockville, Maryland 20852-2738
phone: 301-415-1627
fax: 301-415-3313
email: kjg1@nrc.gov

Hearing Identifier: IndianPointUnits2and3NonPublic
Email Number: 232

Mail Envelope Properties (47669A9C.HQGWDO01.OWGWPO04.200.2000008.1.1572EE.1)

Subject: RAIs on HVAC and Containment
Creation Date: 11/14/2007 1:48:51 PM
From: Kimberly Green

Created By: KJG1@nrc.gov

Recipients

"MICHAEL D STROUD" <MSTROUD@entergy.com>
<IPNonPublicHearingFile@nrc.gov>
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MESSAGE	422
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Date & Time
11/14/2007 1:48:51 PM
83456 12/17/2007

Options

Priority:	Standard
Reply Requested:	No
Return Notification:	None
	None

Concealed Subject:	No
Security:	Standard

November 9, 2007

Mr. Michael A. Balduzzi
Sr. Vice President and COO
Entergy Nuclear Operations, Inc.
Regional Operations, NE
440 Hamilton Avenue
White Plains, NY 10601

SUBJECT: REQUESTS FOR ADDITIONAL INFORMATION FOR THE REVIEW OF THE
INDIAN POINT NUCLEAR GENERATING UNIT NOS. 2 AND 3, LICENSE
RENEWAL APPLICATION

Dear Mr. Balduzzi:

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.

These requests for additional information 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 KJG1@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:
Requests for Additional Information

cc w/encl: See next page

November 9, 2007

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

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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:
Requests for Additional Information

cc w/encl: See next page
DISTRIBUTION: See following pages

ADAMS Accession No. ML073060401

OFFICE	PM:RPB2:DLR	LA:DLR	OGC (nlo as revised)	BC:RPB2:DLR
NAME	KGreen	YEdmonds	STurk	RFranovich
DATE	11/09/07	11/09/07	11/08/07	11/9/07

OFFICIAL RECORD COPY

**INDIAN POINT NUCLEAR GENERATING UNIT NOS. 2 AND 3
LICENSE RENEWAL APPLICATION
REQUESTS FOR ADDITIONAL INFORMATION (RAIs)**

RAI 2.3A.1.3-1

The reactor coolant pressure boundary for Unit 2 is depicted on license renewal drawing LRA-9321-2738, under systems "Pressurizer" and "Reactor Coolant, Sheet 1" as denoted in page 2.3-20. Please clarify if there are any additional sheets depicting the reactor coolant pressure boundary, and if so, where they can be found in the LRA submittal. If they have not already been provided, please provide the drawing(s) to the staff.

RAI 2.3A.2.3-1

License renewal drawing LRA-9321-2726 (LRA page 2.3-63) depicts the "Penetration and Liner Weld Joint Channel Pressurization System." The drawing contains several line mounted components denoted by component numbers PRV PCV 1193 through PRV PCV 1200. Though the subject components are located in lines with a pressure boundary function, the components themselves are not highlighted. Clarify whether these components are within the scope of license renewal in accordance with 10 CFR 54.4(a), and subject to aging management review (AMR) in accordance with 10 CFR 54.21(a)(1). If they are excluded from the scope of license renewal and not subject to AMR, provide justification for the exclusion.

RAI 2.3B.2.3-1

The containment isolation support systems are described in LRA Section 2.3.2.3 and depicted on several license renewal drawings listed in LRA Section 2.3.2.3. License renewal drawing LRA-9321-27463 displays "Isolation Valve Seal Water System." The drawing contains two components, PCV 1076 and PCV 1090, which are in the pressure boundary. The components are highlighted indicating that the components are subject to an AMR; however, the sensing lines connecting these components to the main line are not highlighted. Please provide additional information to describe what these components are, their intended function, and why the sensing lines are not subject to an AMR.

RAI 2.3B.2.3-2

License renewal drawing LRA-9321-27263 (LRA page 2.3-63) depicts the "Penetration and Liner Weld Joint Channel Pressurization System." The drawing contains several line mounted components in the 3/8" stainless steel tubing associated with component numbers PCV 1193 through PCV 1199. Though the subject components are located in lines with a pressure boundary function, the components themselves are not highlighted. Clarify whether these components are within the scope of license renewal in accordance with 10 CFR 54.4(a), and subject to AMR in accordance with 10 CFR 54.21(a)(1). If they are excluded from the scope of license renewal and not subject to AMR, provide justification for the exclusion.

Enclosure

RAI 2.3A.2.5-1

License renewal drawing LRA-9321-72043 depicts the "Reactor Vessel Instrumentation System." This drawing was referenced for Unit 2. No similar system drawing was referenced for Unit 3. It appears that the referenced drawing under Unit 2 is actually applicable to Unit 3, and the correct drawing for Unit 2 should be LRA-208798. Please confirm the correctness of the referenced drawings, and if necessary, revise this section accordingly.

Letter to M. Balduzzi from Entergy Nuclear Operations, Inc. dated November 9, 2007

DISTRIBUTION:

SUBJECT: REQUESTS FOR ADDITIONAL INFORMATION FOR THE REVIEW OF THE
INDIAN POINT NUCLEAR GENERATING UNIT NOS. 2 AND 3, LICENSE
RENEWAL APPLICATION

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SSmith (srs3)

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BPham DScrenci, RI OPA

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RAuluck

MKowal

JBoska

ECobey, RI

RConte, RI

MCox, RI

DJackson, RI

BWittick, RI

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Indian Point Nuclear Generating
Units 2 and 3

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Indian Point Nuclear Generating
Units 2 and 3

- 2 -

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Units 2 and 3

- 3 -

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