

July 25, 2008

LICENSEE: Entergy Nuclear Operations, Inc.

FACILITY: Indian Point Nuclear Generating Unit Nos. 2 and 3

SUBJECT: SUMMARY OF TELEPHONE CONFERENCE CALL HELD ON JULY 8, 2008, BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND ENTERGY NUCLEAR OPERATIONS, INC., RELATED TO THE INDIAN POINT NUCLEAR GENERATING UNIT NOS. 2 AND 3, LICENSE RENEWAL APPLICATION—REACTOR VESSEL NEUTRON EMBRITTLEMENT AND SUBMERGED CABLES

The U.S. Nuclear Regulatory Commission (NRC or the staff) and representatives of Entergy Nuclear Operations Inc. (Entergy) held a telephone conference call on July 8, 2008, to obtain clarification on Entergy's recent responses to requests for additional information concerning the Indian Point Nuclear Generating Unit Nos. 2 and 3, license renewal application. The telephone conference call was useful in clarifying the applicant's responses.

Enclosure 1 provides a listing of the participants, and Enclosure 2 contains the items discussed with the applicant, including a brief description of their resolutions.

The applicant had an opportunity to comment on this summary.

IRA

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

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NAME	SFigueroa	KGreen	RFranovich (ASTuyvenberg for)
DATE	07/24/08	07/25/08	07/25/08

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**TELEPHONE CONFERENCE CALL
INDIAN POINT NUCLEAR GENERATING UNIT NOS. 2 AND 3
LICENSE RENEWAL APPLICATION**

**LIST OF PARTICIPANTS
JULY 8, 2008**

PARTICIPANTS

Kim Green
Barry Elliot
Roy Mathew
Mike Stroud
Don Fronabarger
Ted Ivy
Roger Rucker
Charlie Caputo
Floyd Gumble
Nelson Azevedo
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**INDIAN POINT NUCLEAR GENERATING UNIT NOS. 2 AND 3
LICENSE RENEWAL APPLICATION
REACTOR VESSEL NEUTRON EMBRITTLEMENT AND
INACCESSIBLE OR UNDERGROUND POWER CABLES
JULY 8, and 11, 2008**

RAI 4.2.2-2

By letter dated November 28, 2007, Entergy responded to the staff's request regarding Charpy upper shelf energy (USE) analyses for Indian Point Nuclear Generating Unit No. 2 (IP2). The RAI contained two parts. During a telephone conference on May 7, 2008, the staff asked the applicant to provide the same information for Indian Point Nuclear Generating Unit No. 3 (IP3). By letter dated June 11, 2008, Entergy provided the requested information for IP3, but only for part (b) of the original request. During the telephone conference call on July 8, the staff asked the applicant to confirm whether the information previously supplied for IP2 for part (a) of the request applied to IP3. Entergy stated that the reactor vessel beltline plate material for IP3 is the same as the material for IP2. In a subsequent call, on July 11, 2008, the applicant confirmed that the WCAP report referenced in the November 28, 2007, response only cites IP2, but the materials in both vessels are the same and meet the same ASME code case and Combustion Engineering specification; therefore, the analyses would apply to IP3. The staff's evaluation will be documented in the safety evaluation report.

RAI 3.6.2.3-2

By letter dated May 28, 2008, the staff requested information regarding a 138kV direct burial insulated transmission cable that is submerged. By letter, dated June 26, 2008, the applicant responded to the RAI. After staff reviewed the response, they determined they needed additional information regarding the qualification and testing of the cable as well as operating experience. The staff stated that there is operating experience in licensee event reports regarding to the failure of cables. Entergy stated that it was not aware of any operating experience related to lead sheathed cables. The staff stated that it would provide examples of failures to the applicant. Entergy stated that it would talk to the owner of the cable and the vendor to see if additional information is available regarding the qualification and testing. Entergy emphasized that the cable of interest is nonsafety-related and not designed to meet the single failure criterion. Further, there is a statement in GALL XI.E.3 that provides an exclusion regarding environments for which the cables are designed. The resolution of this issue will be documented in the staff's safety evaluation report.

Letter to Entergy Nuclear Operations, Inc. from KGreen, dated July 25, 2008

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