

May 5, 2004

MEMORANDUM TO: Richard J. Laufer, Chief, Section I
Project Directorate I
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

FROM: John R. Tappert, Section Chief **/RAI/**
Environmental Section
License Renewal and Environmental Programs
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION (RAI) TO SUPPORT THE
STAFF'S POWER UPRATE REVIEW FOR INDIAN POINT 2

The Environmental Section of the License Renewal and Environmental Programs Branch (RLEP) has reviewed Entergy Nuclear Operations, Inc., (Entergy), January 29, 2003, request for a 3.26% power uprate. RLEP has identified areas where additional information is needed to complete its review. The Request for Additional Information is provided as an attachment to this memorandum. If you have any questions, please contact Jack Cushing at 415-1424.

Attachment: As stated

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P. Milano
J. Cushing
J. Tappert

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OFFICE	PM:RLEP:DRIP	LA:RLEP:DRIP	SC:RLEP:DRIP
NAME	JCushing	YEdmonds	JTappert
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Request for Additional Information Regarding Section 5.7 Environmental Considerations

1. Section 5.7 of the license amendment request states that, "The original environmental evaluations were conducted at 3216.5 MWt (AEC SER dated 10/19/1970)." Is this statement correct?
2. Section 5.7 of the license amendment request states that no environmental impact statement or environmental evaluation was required for the 1990 power uprate. The staff published on December 6, 1989, in the *Federal Register* (54 FR 50459), an environmental assessment for the March 3, 1990, power uprate. Please correct this statement.
3. In order to evaluate the statement in Section 5.7, that the current power uprate qualifies for a categorical exclusion under 10 CFR 51.22(c)(9), please provide the environmental evaluation performed for the requested power uprate in accordance with Appendix B of facility operating license. In your response be sure to discuss the radiological and non-radiological impacts of the proposed power uprate.