

April 29, 2002

Mr. Michael R. Kansler
Senior Vice President and
Chief Operating Officer
Entergy Nuclear Operations, Inc.
440 Hamilton Avenue
White Plains, NY 10601

SUBJECT: ELECTRIC POWER RESEARCH INSTITUTE (EPRI) REPORT TR-113594,
"RESOLUTION OF GENERIC LETTER 96-06 WATERHAMMER ISSUES,"
VOLUMES 1 AND 2 - INDIAN POINT NUCLEAR GENERATING UNIT NOS. 2
AND 3 (TAC NOS. M96822 AND M96823)

Dear Mr. Kansler:

In Generic Letter (GL) 96-06, "Assurance of Equipment Operability and Containment Integrity During Design-Basis Accident Conditions," dated September 30, 1996, the U.S. Nuclear Regulatory Commission (NRC) requested that licensees evaluate the susceptibility of (1) containment air cooler cooling water systems waterhammer and two-phase flow conditions during postulated accident conditions and (2) piping systems that penetrate containment to overpressurization from the thermal expansion of fluid.

In a letter dated January 28, 1997, as supplemented on September 15, 1998, and September 12, 2000, Consolidated Edison Company of New York, Inc. (Con Edison, the former licensee), in part, provided its assessment for the waterhammer and two-phase flow issues for Indian Point Nuclear Generating Unit No. 2 (IP2). Similarly, in a letter dated January 28, 1997, as supplemented on March 3 and October 14, 1997, and October 23, 1998, the New York Power Authority (NYPA, the former licensee) provided its response for Indian Point Nuclear Generating Unit No. 3 (IP3). In these letters, Con Edison and NYPA stated their participation in an industry initiative to address the waterhammer concerns and deferred the remaining actions to fully address these concerns pending NRC review and approval of EPRI Report TR-113594, "Resolution of Generic Letter 96-06 Waterhammer Issues," Volumes 1 and 2, dated December 2000.

The NRC staff has completed its review of EPRI Report TR-113594 and has determined that the use of the information in the report for evaluating the GL 96-06 waterhammer issues is acceptable to the extent specified and with the limitations delineated in the EPRI Report and the NRC safety evaluation (SE) of the report. Therefore, you are now requested to complete your actions to address GL 96-06 at IP2 and 3 and to submit by July 30, 2002, the supplemental information referenced in Section 3.3 of the NRC SE. If you are unable to meet this schedule,

M. Kansler

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you should contact us to make alternate arrangements. A copy of the April 3, 2002, NRC acceptance letter to EPRI, which includes the NRC SE, is enclosed for your information.

If you have any questions, please call me at (301) 415-1457.

Sincerely,

/RA/

Patrick D. Milano, Project Manager, Section 1
Project Directorate I
Division of Licensing Project Management
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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Indian Point Nuclear Generating Unit Nos. 2 & 3

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