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Vice President

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August 10, 1988

Re: Indian Point Unit No. 2
Docket No. 50-247

Document Control Desk
U.S. Nuclear Regulatory Commission
Mail Station P1-137
Washington, DC 20555

SUBJECT: Revision of Application for Amendment to Unit No. 2
Technical Specification

By letter dated August 4, 1988, Consolidated Edison submitted to the NRC an application for an emergency amendment to the Indian Point Unit No. 2 operating license. This application requested a change to the Technical Specifications which would increase the maximum operating temperature for the inlet water to the Service Water System to 87°F. Subsequent to discussions with the NRC staff, we have reconsidered this request and hereby revise that application to reflect an upper limit of 90°F for the inlet water to the Service Water System and establish a basis for continued plant operation. Attachment A contains the Technical Specification page change for this Application as presently requested. Attachment B contains a revised Safety Assessment relevant to the that change. Attachments 1, 2, and 3 contain supplemental analyses justifying the adequacy of this currently proposed change.

The methodology employed to substantiate the initial 85°F limit for the Service Water System was based upon a heat rate of 380.0 MBTU/hr. for 5 fan coolers. Both the 87°F and 90°F limits rely upon a new analysis submitted to NRR on June 12, 1987 which reduced the heat rate to 308.5 MBTU/hr. This resulted in a reduction in the required Service Water which is more than sufficient to accommodate an increase in temperature to 87°F or 90°F. The original methodology utilized to establish limits for Service Water requirements for other auxiliary equipment cooled by Service Water or for the Component Cooling Water System cannot now be established. A program to re-construct the design basis of the plant is under way.

In light of the continuing elevated temperature conditions in the Hudson River, we would appreciate your expeditious review of this proposed amendment. Should you have any further questions, do not hesitate to contact us.

Very truly yours,

Stephen B. Bram
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