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December 31, 1996

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

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

Subject: Summary Report for Resolution of USI-A-46, Seismic
Qualification

In Generic Letter 87-02, the NRC Staff set forth the process for resolution of USI A-46 and encouraged the affected nuclear Power Plant licensees to participate in a generic program. In supplement 1 to GL 87-02, the Staff required a response to include a commitment to the Generic Implementation Procedure (GIP-2) prepared by the Seismic Qualification in Utility Group (SQUG), a schedule for the implementation of the GIP, and submission of a report summarizing the results of the USI A-46 program. By letter to the NRC Staff dated September 21, 1992 Con Edison committed to implement GIP-2, including the clarifications, interpretations, and exceptions in SSER-2, and to communicate to the NRC Staff any significant or programmatic deviations from GIP guidance.

This letter forwards the results of the USI A-46 evaluation for Indian Point Unit No. 2. This letter also confirms that no significant programmatic deviations from the GIP guidance were made during the USI A-46 resolution process.

USI A-46 REPORTS

Section I.2.2.8 of GIP-2 requires that a plant-specific Summary Report be submitted to the NRC Staff, including a proposed schedule for future modifications and replacements of those outliers which are yet to be resolved. Further, GIP-2 Section II.9 provides for SSEL, Relay Evaluation, Seismic Evaluation and Completion Reports. This letter forwards the Summary Report which includes the Seismic Evaluation Report and the Relay Evaluation Report. As permitted in GIP-2 Section II.9.2, the pertinent results from the SSEL Report are included in the attached Seismic Evaluation and the Relay Evaluation Reports. To permit both the Seismic and Relay Evaluation Reports to be reviewed independently, there are a few areas of redundancy between these reports, e.g., a description of Safe Shutdown Equipment is included in both reports. The Completion Report will be submitted when all planned actions for resolution of USI A-46 have been completed.

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REFERENCES

1. Verification of Seismic Adequacy of Mechanical and Electrical Equipment In Operating Reactors, Unresolved Safety Issue (USI) A-46 (Generic letter 87-02)." dated February 19, 1987, U.S. Nuclear Regulatory Commission.
2. "Supplement No. 1 to Generic Letter (GL) 87-02 that Transmits Supplemental Safety Evaluation Report No. 2 (SSER No. 2) on SQUG Generic Implementation Procedure, Revision 2, as Corrected on February 14, 1992, GIP " dated May 22, 1992, U.S. Nuclear Regulatory Commission.
3. "Generic Implementation Procedure (GIP) for Seismic verification of Nuclear Plant Equipment" Revision 2, corrected 2/14/92, Seismic Qualification Utility Group (SQUG).

cc: Mr. Hubert J. Miller
Regional Administrator - Region I
US Nuclear Regulatory Commission
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Mr. Jefferey F. Harold, Project Manager
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OUTLIERS

Outliers, as defined by GIP-2 were identified during the seismic and relay reviews. These outliers are described in detail in the attached reports.

The schedule for resolution, future modifications and replacements of those outliers which have not yet been resolved is provided in the attached reports. Con Edison plans to resolve all of the outliers by the end of the 1999 Refueling Outage.

If you have any questions, please contact Mr. Charles Jackson, Manager, Nuclear Safety and Licensing.

Very truly yours,

Victor E. Muller
FOTC
SBO

Subscribed and sworn to
before me this 31st day
of December, 1996.

Elizabeth A. Casey
Notary Public

ELIZABETH A. CASEY
Notary Public, State of New York
Qualified in Dutchess County
Reg # 4878094
Commission Expires Feb 9 1997