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March 7, 1969

Docket No. 50-247

P. A. Morris, Director, RL

THRU: R. S. Boyd, Assistant Director for Reactor Projects, RL

POTENTIAL BACKFIT AREAS, CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.
INDIAN POINT NUCLEAR GENERATING UNIT NO. 2

Several items presented in the agenda for the Indian Point 2 POL initial technical meeting scheduled for March 12 contain potential backfit areas. One of the purposes of the meeting is to establish what the facts are in these areas for Indian Point 2, and thus we do not intend to present any backfit requirements to the applicant at this time. The items are briefly stated below.

Tornado Protection

Tornado protection is not mentioned in the FSAR. Anticipated discussion will establish the extent of protection already built into the plant and potential additions or improvements that would be necessary to meet RTM No. 1, "Tornado Considerations."

Flooding Protection

Establish extent of protection for Indian Point 2 plant in connection with maximum flood level anticipated at the site as determined in the recent Indian Point 3 application.

Adequacy of Core Nuclear Instrumentation

Potential for permanent in-core nuclear instrumentation will be discussed.

Emergency Electrical Power

Onsite electrical power requirements to assure adequate independence of diesel generators will be discussed.

Remote Hot and Cold Shutdown

We will establish present capability at Indian Point 2.

Fuel Element Failure Detection

We will discuss installation of detector currently under development.

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Missile Protection from Pump Flywheel

We will discuss missile shielding protection presently available and location of flywheel relative to important components.

LOCA - Thermal Shock

We will discuss design features relative to providing for future installation of PLOCAP at Indian Point 2.

Systems for Hydrogen Concentration Control

We will discuss proposed system(s).

D. R. Muller, Chief
Reactor Project Branch #1
Division of Reactor Licensing

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