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April 2, 1999

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

Mr. Richard J. Conte, Chief Human Performance & Emergency Preparedness Branch Division of Reactor Safety US Nuclear Regulatory Commission Region 1 475 Allendale Road King of Prussia, PA 19406

SUBJECT: Transmittal of Requested Licensed Operator Examination

Re:

Reference Material

Dear Mr. Conte:

The reference material requested in your October 29, 1998 letter to be used to develop the June 1999, Initial Licensed Operator examinations were shipped to you in eight (8) boxes via Airborne Express on March 19, 1999.

The procedure indices and inventory sheets for the previously shipped boxes are enclosed with this letter.

Since the Indian Point 2 simulator has an exceptionally broad failure capability, not all the limits of the simulator are provided. Instead we have supplied examples of how we are able to fail/manipulate valves, systems, and components. Most valves can be failed in any position from full closed to full open, including the failure to automatically open/close. Pumps can be failed by tripping, vibration, shaft seizure, shaft break, burnt trip/closing coil, etc. System leaks/ruptures can be placed at a large number of locations for most systems. The simulator has the capability to fail protection system logics, control functions, and automatic actions. Additionally, the simulator is equipped with consequential failure, i.e., if cooling water to a motor fails, the motor will overheat and trip.

All other reference material is supplied according to your request.

Should you have any questions regarding this matter, please contact Mr. Larry McNeil, Manager, Operator Training.

Very truly yours.

cc:

Mr. Robert Gallo, Chief
Operator Licensing Branch,
Mail Stop OWFN 10D-22
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Washington, DC 20555

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