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POWER AUTHORITY OF THE STATE OF NEW YORK

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October 13, 1978  
IPO-162

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Director, Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Attention: Mr. Albert Schwencer, Chief  
Operating Reactors Branch No. 1

Subject: Indian Point 3 Nuclear Power Plant  
ACRS Concerns  
Docket No. 50-286

Dear Sir:

In response to the ACRS Items of Concern expressed in their July 13, 1978 letter to the NRC on the subject facility and as a consequence of the Authority's discussion with your staff on September 15, 1978, the following is the Authority's intention with respect to the items.

1. Review of the plant for systems interaction that might lead to significant degradation of safety.

The Power Authority will attend the ACRS Plant Arrangements Subcommittee meeting on October 25, 1978 at which time the Licensee Event Report review performed by the Commonwealth Edison Company for their Zion facility in response to a similar ACRS concern will be discussed. The discussions and conclusions reached in that subcommittee meeting and any subsequent presentation before the ACRS full committee will be reviewed by the Authority before deciding on our approach to address this ACRS matter.

2. Review of the plant with regard to differences from current regulatory criteria and judgment concerning possible backfitting requirements.

The Power Authority will review the report prepared by the Commonwealth Edison Company for their Zion facility in response to a similar ACRS concern. Following review of that document by the NRC staff and the ACRS, the Power Authority will determine what level of detail is appropriate in order to compare IP3 adequately to current criteria.

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3. Review of the instrumentation provided to follow the full range or postulated serious accident.

The Power Authority will survey the capability of the existing IP3 fixed and portable instrumentation to monitor the course of accidents that extend beyond conditions assumed in the design of the plant. This survey will be provided to the NRC by July 9, 1979.

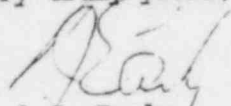
4. Audit of the plant's capability for safe shut-down and residual heat removal, using only safety grade equipment.

The Power Authority will participate in the NRC's Overall Plant Heat Removal Capability Survey to be conducted at the IP3 facility on November 14, 15 & 16, 1978.

5. Continuing effort be made to update safety related features to the maximum degree possible.

The Power Authority will provide documentation of the extent to which the IP3 facility satisfies the ACRS resolved generic items as delineated in their Report No. 6 to the NRC. This information will be provided to the NRC by February 19, 1979.

Very truly yours,



Paul J. Early  
Assistant Chief Engineer-Projects