

APR 21 1983

Docket No. 50-286

Mr. J. P. Bayne  
Executive Vice President - Nuclear Generation  
Power Authority of the State of New York  
123 Main Street  
White Plains, New York 10601

DISTRIBUTION  
Docket  
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Dear Mr. Bayne:

SUBJECT: INTERIM FIRE PROTECTION MODIFICATIONS AT THE INDIAN POINT NUCLEAR  
GENERATING PLANTS, UNIT NO. 3

We have reviewed your letter dated February 16, 1983, regarding the above subject. In this letter as well as during the public hearings you committed to provide, prior to plant startup, interim alternate power supply to those systems and components necessary to safely shutdown in the event of a fire in the cable spreading/switchgear room. In general, your commitment is acceptable. Please be advised that hardware installation, functional testing, procedure development, operator training and Technical Specification implementation should be completed prior to plant startup.

In our letter of January 13, 1983, you were requested to provide the procedures for operation of gas turbines as well as procedures for operation of the alternate shutdown systems. Your letter of February 16, 1983, indicated that you feel that the existing procedures are considered sufficient and that no additional operator training is necessary. Therefore, you are requested to have available in one location for NRC review these procedures and your training program. Your response is required within 30 days of receipt of this letter. With respect to system line-up procedures your attention is drawn to the need to segregate essential and non-essential systems with respect to the Backup Service Water and Component Cooling Water Systems.

As a result of interim modifications revisions to the present Indian Point Unit 3 Technical Specifications are necessary. Indian Point was licensed based upon a non-safety related Backup Service Water System. This system was not required to be operable. Therefore, the present Technical Specifications do not address this system. However, since this system is now necessary for safe plant shutdown, you are requested to submit for approval a license amendment request indicating surveillance requirements and limiting conditions of operation. Secondly, with respect to the existing Technical Specifications for Chemical and Volume Control System (charging pumps), and the Component Cooling Water Systems, the pump operability requirements are inadequate. Both of these systems are provided with three pumps. However, the existing Technical Specifications require a minimum of two to be operable. Since one of the pumps in each system may be inoperable, and since this inoperable pump may be the pump for which alternate power is provided, the Technical Specifications allow an unacceptable

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plant condition to exist. Therefore, you are requested to either modify your design or to submit a license amendment request that ensures that such an unacceptable plant condition is addressed. Finally, the present Technical Specifications do not address the Indian Point Unit 2 Gas Turbine. Since this system is required for safe plant shutdown, a licensee amendment request specifying gas turbine surveillance requirements and limiting conditions of operation is required. In the event that you elect to provide a power source other than the Indian Point Unit 2 Gas Turbine, you are requested to provide a Technical Specification amendment request for this other power source as well as the distribution system used with this source. The three license amendment submittals described above are requested within three weeks of plant startup. Sample Technical Specifications are enclosed to aid you in this effort.

Should a Bethesda meeting be deemed desirable, please advise.

Sincerely,

Original signed by:

S. A. Varga

Steven A. Varga, Chief  
Operating Reactors Branch #1  
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Enclosure:

Alternate Shutdown Systems Model  
Technical Specifications

cc w/enclosure:

See next page

OFFICE	ORB#1:DL	ORB#1:DL	ORB#5:DL				
SURNAME	PPolk:dm	S. Varga	I. Wambach				
DATE	04/21/83	04/21/83	4/21/83				

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