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February 2, 1981
IPN-81-6

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

Attention: Mr. Steven A. Varga, Chief
Operating Reactor Branch No. 1
Division of Licensing

Subject: Indian Point 3 Nuclear Power Plant
Docket No. 50-286
Environmental Qualification of
Electrical Equipment

Dear Sir:

The purpose of this letter is to address the requirements of I.E. Bulletin No. 79-01B Supplement No. 3, dated October 24, 1980.

Subsequent to the inclusion of Indian Point 3 in the Systematic Evaluation Program (SEP), the Authority submitted to the NRC detailed reports on the environmental qualification of safety-related electrical equipment. Refer to letters IP-CMC-8562 and IP-JCS-9465, from the Authority to the NRC, dated April 28, 1980 and July 30, 1980, respectively.

The above submittals provided the environmental qualification data of the safety-related electrical components exposed to severe service conditions following a postulated accident. This included the components required to bring the plant to a safe shutdown, which in accordance with the Indian Point 3 operating license, is the hot shutdown condition.

As a result of supplement No. 3 to I.E. Bulletin 79-01B, the Authority initiated an investigation of the environmental qualification of electrical components required to achieve and maintain a cold shutdown condition.

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The methodology, definitions, criteria and service conditions used in developing the information of our April 28 and July 30, 1980 submittals applied to this investigation.

The scope of components required to be investigated was determined by reviewing the FSAR, Plant Operating Procedures, Flow Diagrams, System Descriptions and Equipment Drawings. This resulted in a complete list of the components required to achieve and maintain cold shutdown.

Appendix "I" indicates the results of our investigation.

The components that have been identified in previous submittals are denoted by asterisk.

An investigation was also conducted to determine the environmental qualification of electrical equipment installed as a result of the TMI Action Plan. Appendix "II" contains the TMI related electrical equipment which has been already installed. The environmental qualification data for future TMI Action Plan items will be submitted either with the pre-implementation review data or prior to the implementation date.

Very truly yours,



J.P. Bayne
Senior Vice President
Nuclear Generation

Enclosures

cc: Mr. B.H. Grier
Director of Region I
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Enforcement
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Mr. T. Rebelowski
Resident Inspector
U.S. Nuclear Regulatory Commission
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Buchanan, NY 10511

DOCKET NO. 50-286

DATE: 2.17.81

NOTE TO NRC AND/OR LOCAL PUBLIC DOCUMENT ROOMS

The following item submitted with letter dated 2.2.81
from Power Authority of N.Y. state is being withheld from public disclosure
in accordance with Section 2.790.

PROPRIETARY INFORMATION

FORWARDS response to I.E. Bulletin 79-01B,
Suppl. 3

Sharon Hunt

M/S-016

Distribution Services Branch