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John C. Brons
Executive Vice President
Nuclear Generation

March 25, 1991
IPN-91-007

U.S. Nuclear Regulatory Commission
Mail Station P1-137
Washington, D.C. 20555

Attn: Document Control Desk

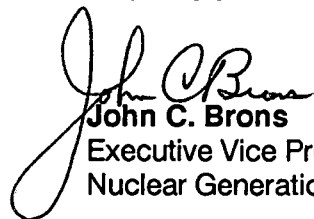
Subject: **Indian Point 3 Nuclear Power Plant**
Docket No. 50-286
Completion of Actions Recommended by NRC Generic Letter 88-14

Dear Sir:

NRC Generic Letter 88-14 (GL 88-14) requested that licensees perform a design and operations verification of their instrument air systems. GL 88-14 also requested a written notification when all recommended actions have been completed. The Authority has completed all the actions recommended by GL 88-14 for Indian Point 3.

The attachment to this letter details the actions the Authority took for the Indian Point 3 Instrument Air System. If you have any questions, please contact Mr. P. Kokolakis.

Very truly yours,


John C. Brons
Executive Vice President
Nuclear Generation

cc: See next page

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U.S. Nuclear Regulatory Commission
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Washington, D.C. 20555

Completion of Actions Recommended by NRC Generic Letter 88-14

NRC Generic Letter 88-14 (GL 88-14) requested that licensees perform a design and operations verification of their instrument air systems. By letter dated February 17, 1989 (IPN-89-012), the Authority committed to perform the requested verification for Indian Point 3 (IP3), and also provided a discussion, as requested by GL 88-14, of the program for maintaining the proper quality of the IP3 Instrument Air System (IAS).

As stated in IPN-89-012, the first action that the Authority took in response to GL 88-14 was to perform a detailed evaluation of the IP3 IAS. The design, testing, operation, and maintenance of the IP3 IAS were evaluated, as was training related to the IAS. The evaluation also included a review of NUREG-1275, Volume 2, as requested by GL 88-14. As a result of this evaluation, the Authority made several improvements to the IAS, and related testing and maintenance procedures. Listed below is information about the specific verification requests made in GL 88-14.

Testing of Instrument Air System Air Quality

The Authority verifies the IAS air quality by:

- weekly dewpoint monitoring at the outlet of the desiccant dryer,
- dewpoint monitoring twice a month at remote sampling points, and
- annual monitoring for oil and particulate contamination.

The IAS air sampling, together with existing maintenance procedures, assures that proper air quality is maintained.

Maintenance, Emergency Procedures, and Training

To ensure that safety-related equipment will function as intended on a loss of instrument air, the Authority:

- expanded the IAS preventive maintenance program,
- reviewed operating and maintenance procedures, and
- updated the training module for loss of instrument air scenarios.

Design Adequacy and Functional Testing

The design review of the IP3 IAS verified that the failure positions of all safety-related valves are satisfactory for assuring required safety functions. The Authority modified the design of the Diesel Starting Air System to increase the reliability of the system in performing its required safety function.

Initial IAS testing verified the ability of the IAS compressors to meet their design capacities. All IAS safety-related valves are tested quarterly, as part of the ASME Section XI pump and valve test program, to measure their ability to stroke to their fail-safe position in the required time. These tests, together with air quality samples mentioned previously, assure that air-operated safety-related components will perform their required functions assuming a loss of normal instrument air.

MAR 21 1991

Docket Nos. 50-286
and 50-333

Mr. John C. Brons
Executive Vice President - Nuclear Generation
Power Authority of the State of New York
123 Main Street
White Plains, New York 10601

Dear Mr. Brons:

SUBJECT: OPERATIONAL EVENTS WHILE SHUTDOWN

The NRC has just issued Information Notice 91-22, "Four Plant Outage Events Involving Loss of AC Power or Coolant Spills," which addresses recent events that occurred during shutdown operations.

The chief purpose of this information notice is to notify each licensee that the high rate of precursor events to loss of decay heat removal during shutdown is a source of concern to the NRC. All of the events discussed in this information notice occurred during a one-week period in March 1991. Because of the potential for loss of a critical safety function in these and similar events, I believe a high level of management attention is required in the planning, coordination, and execution of shutdown operations.

While this information notice does not require specific licensee action or response, I urge you to give this important matter your personal attention.

Sincerely,
Original signed by
Thomas E. Murley

Thomas E. Murley, Director
Office of Nuclear Reactor Regulation

cc: See next page

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WASHINGTON, D. C. 20555

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Docket Nos. 50-286
and 50-333

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While this information notice does not require specific licensee action or response, I urge you to give this important matter your personal attention.

Sincerely,

A handwritten signature in black ink, appearing to read "T. Murley", with a large, sweeping flourish at the end.

Thomas E. Murley, Director
Office of Nuclear Reactor Regulation

cc: See next page

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James A. FitzPatrick Nuclear Power Plant
Indian Point Nuclear Generating Station
Unit No. 3

cc:

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