Indian Point 3
Nuclear Power Plant
P.O. Box 215
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New York Power Authority

Robert J. Barrett
Site Executive Officer

May 6, 1997
IPN-97-057

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

SUBJECT: Indian Point 3 Nuclear Power Plant
Docket No. 50-286
License No. DPR-64
Revised Schedule for Low Pressure Turbine Inspection

Reference:
1. NYPA Letter (IPN-91-025) from R. E. Beedle to the NRC, "Low Pressure Turbine Disc Inspection," dated June 26, 1991.
2. NRC Letter N. F. Conicella to R. E. Beedle, "Low Pressure Turbine Disc Inspection for Indian Point Nuclear Generating Unit 3," dated November 5, 1991.

Dear Sir:

This letter is to inform you of a revision to the Authority's planned Low Pressure (LP) turbine rotor inspection schedule. Following the replacement of the Indian Point 3 LP turbine rotors during the cycle 7/8 refueling outage in 1990, the Authority committed in Reference 1 to inspect all three rotors within a maximum inspection interval of 14 years. At that time, the Authority planned to inspect one Low Pressure (LP) turbine rotor every second refueling outage, with the first rotor inspection scheduled for the cycle 9/10 refueling outage in 1994. Assuming a two year fuel cycle, this sequence resulted in a planned inspection interval of twelve (12) years. The NRC judged the planned inspection interval (12 years) acceptable in Reference 2, on the basis that it is consistent with inspection intervals currently implemented for LP turbines with welded rotor designs, and that the planned inspection interval of 12 years ensures that the maximum inspection interval of 14 years is not exceeded. The Authority is still committed to a maximum inspection interval of 14 years, however the actual inspection sequence will be dependent on plant operating conditions and inspection recommendations from the turbine vendor, Asea Brown Boveri (ABB).

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Because of the extended mid-cycle outage, which began February 1993, the cycle 9/10 refueling outage was delayed and is now scheduled to begin in May 1997. Also, as a result of an outage work scope review, the Authority has elected to defer the first major rotor inspection which involves removing the rotor from the turbine casing until the cycle 10/11 refueling outage that is expected to occur in July of 1999.

A crawl-through inspection of the LP turbine was performed in 1994 with acceptable results. In addition, the turbine vendor, Asea Brown Boveri (ABB), performed an evaluation of the Indian Point 3 Moisture Separator Reheater (MSR) performance data since the LP turbine replacement in 1990 to May of 1996 to determine if similar erosion damage found on Maine Yankee exists on Indian Point 3. The evaluation concluded that accelerated erosion of the blade carriers is not expected.

The Authority plans to perform the vendor recommended minor inspection of the three LP turbines during the cycle 9/10 refueling outage.

The commitments made by the Authority with this letter are contained in Attachment I.

Should you have any questions regarding this matter, please contact Mr. Kenneth Peters at (914) 736-8029.

Very truly yours,

Robert J. Barrett
Site Executive Officer
Indian Point 3 Nuclear Power Plant

cc: Mr. Hubert J. Miller
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COMMITMENT LIST

Number	Commitment	Due
IPN-97-057-01	Perform the ABB recommended minor inspection for the three LP turbines during the cycle 9/10 Refueling Outage.	Prior to startup from the cycle 9/10 Refueling Outage.
IPN-97-057-02	Perform a rotor-out inspection of the LP-1 and LP-2 turbine rotor.	Prior to startup from the cycle 10/11 Refueling Outage.