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Senior Vice President
Nuclear Generation

May 9, 1986
IPN-86-23

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

Attention: Mr. Steven A. Varga, Director
PWR Project Directorate No. 3
Division of PWR Licensing-A

SUBJECT: Indian Point 3 Nuclear Power Plant
Docket No. 50-286
Turbine Disc Inspection Schedule

- References:
1. Letter from Mr. S.A. Varga to Mr. G.T. Berry dated September 1, 1981.
 2. Letter from Mr. J.P. Bayne to Mr. S.A. Varga dated October 8, 1981 entitled: "Turbine Disc Inspection Schedule."
 3. Letter from Mr. S.A. Varga to Mr. G.T. Berry dated December 2, 1981 entitled: "Turbine Disc Inspection Schedule."

Dear Sir:

The Authority contracted with Science Applications International Corporation (SAIC) to perform a turbine missile analysis for Indian Point 3 (IP-3). The Authority is providing as Enclosure 1, an analysis entitled, "Turbine Missile Analysis for Indian Point 3 Nuclear Generating Station With Replacement LP-2 Rotor", for NRC Staff review, to justify a deviation from the schedule approved by the NRC in Reference 1.

Reference 1 provided Westinghouse (W) criteria for inspection frequencies for the low pressure discs. The NRC Staff has concluded that a commitment to use the W criteria would reduce the probability for a safety problem to such a degree that the NRC Staff would no longer need to monitor turbine inspections except through the normal activities of the Office of Inspection and Enforcement.

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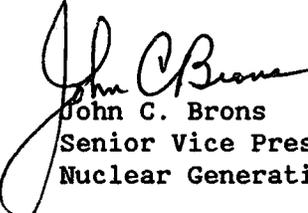
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In Reference 2, the Authority recommended a deviation from the W inspection criteria. The NRC Staff responded to the Authority in Reference 3 by stating: "Any deviation from the approved schedules would require further staff review when sufficient data exists to justify the deviation."

It is the Authority's position that the enclosed SAIC report provides the necessary justification to extend IP-3's turbine disc inspection schedule to an interval equivalent to five (5) years of turbine operation. The probabilities of failure and damage due to failure of low pressure rotors stated in the report are derived from W data and based on a five (5) year inspection interval. The major conclusion of the report is that IP-3 as presently configured provides adequate protection against turbine missile hazards.

Should you or your staff have any questions regarding this matter, please contact Mr. P. Kokolakis of my staff.

Very truly yours,


John C. Brons
Senior Vice President
Nuclear Generation

cc: Resident Inspector's Office
Indian Point Unit 3
U.S. Nuclear Regulatory Commission
Buchanan, NY 10511

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