



**New York Power
Authority**

John C. Brons
Senior Vice President
Nuclear Generation

January 3, 1986
IPN-86-02

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
Cycle 5 Startup Physics Test Report

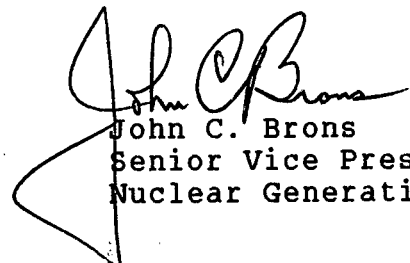
Dear Sir:

Enclosed is the Indian Point 3 Cycle 5 startup physics test report required by Technical Specification 6.9.1.

The Authority's letters of April 23, 1985 (IPN-85-21) and August 1, 1985 (IPN-85-40) proposed technical specifications for a fuel design transition from the Westinghouse 15 x 15 low parasitic (LOPAR) design to the 15 x 15 optimized fuel assembly (OFA) design. By letter dated August 27, 1985, the NRC issued Amendment 61 to the Indian Point 3 Technical Specifications reflecting this transition in fuel design. The transition to the OFA design was initiated during the Cycle 4/5 refueling outage. The enclosed report summarizes the startup physics testing performed on the Cycle 5 core, which consists of both LOPAR and OFA fuel.

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

Very truly yours,


John C. Brons
Senior Vice President
Nuclear Generation

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cc: Mr. James A. Taylor, Director
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