



February 15, 1989  
IPN-89-011

**John C. Brons**  
Executive Vice President  
Nuclear Generation

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Mail Station P1-137  
Washington, D.C. 20555

Subject: Indian Point 3 Nuclear Power Plant  
Docket No. 50-286  
Plant Specific Improved Thermal Design  
Procedure (ITDP) Instrument Uncertainty  
Methodology In Support Of Transition To  
Westinghouse 15 x 15 Vantage 5 Fuel and  
RTD Bypass Manifold Elimination - Cycle 7

- References:
1. Letter IPN-89-007, dated January 20, 1989, from J. C. Brons to the NRC, "Proposed Changes To Technical Specifications Regarding The Transition To Westinghouse 15 x 15 Vantage 5 Fuel and RTD Bypass Manifold Elimination Modification."
  2. Letter IPN-89-009, dated February 8, 1989, from J. C. Brons to the NRC "RTD Bypass Manifold Elimination Modification Details."

Dear Sir:

The Authority proposed Technical Specification changes associated with the transition to Vantage 5 fuel commencing with the Cycle 7 reload in Reference 1. Those proposed Technical Specification changes, as well as the transient and accident analyses supporting the changes, were developed anticipating installation of the new temperature measurement system that will replace the existing RTD bypass manifold temperature measurement system. Details of this modification were provided for staff review in Reference 2.

The Safety Assessment and supporting documentation included in Reference 1 employ Westinghouse's ITDP instrument uncertainty methodology. This methodology has been generically approved by the NRC via the staff's concurrence with WCAP-9500-A "Reference Core Report - 17 x 17 Optimized Fuel Assembly," as transmitted in a letter, dated May 22, 1981 from Robert L. Todesco of the NRC to T. M. Anderson of Westinghouse.

8902220529 890215  
PDR ADOCK 05000286  
P PDC



AP01  
1/4 Prop  
1/4 Non Prop

Change: PDR 1  
LPDR 1  
HI 1  
Eul 1  
INP 1  
INP 1

The transition to Vantage 5 fuel and the RTD bypass manifold elimination modification are supported by the ITDP instrument uncertainty methodology. Accordingly, transmitted as Attachments A and B to this letter are:

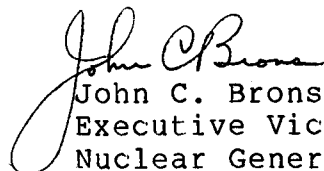
Four (4) copies of WCAP-12128, "Westinghouse Improved Thermal Design Procedure Instrument Uncertainty Methodology for New York Power Authority - Indian Point Unit 3" (proprietary), January, 1989.

Four (4) copies of WCAP - 12129, "Westinghouse Improved Thermal Design Procedure Instrument Uncertainty Methodology for New York Power Authority - Indian Point - Unit 3 (non-proprietary), January, 1989.

Attachment C is a Westinghouse authorization letter (CAW-89-013), a Proprietary Information Notice, and an accompanying affidavit. Since proprietary claims as to Attachment A are asserted by Westinghouse Electric Corporation, those claims are supported by an affidavit signed by Westinghouse. The affidavit sets forth the basis on which the claim is made that the information may be withheld from public disclosure by the Commission, and addresses the considerations listed in 10 CFR Section 2.790(b)(4). Accordingly, it is respectfully requested that Attachment A, or in the alternative such portions of Attachment A as the Commission determines to be protected by 10 CFR Section 2.790 as proprietary to Westinghouse, be withheld from public disclosure in accordance with the Commission's regulations. Correspondence with respect to the proprietary aspects of the Application for Withholding or the supporting Westinghouse affidavit should refer to CAW-89-013 and should be addressed to R. A. Wiesemann, Manager, Regulatory and Legislative Affairs, Westinghouse Electric Corporation, P.O. Box 255, Pittsburgh, PA 15230, with a copy to the undersigned.

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  
Executive Vice President  
Nuclear Generation

cc: Mr. Joseph D. Neighbors, Sr. Proj. Mgr.  
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ATTACHMENT A

WCAP-12128

"WESTINGHOUSE IMPROVED THERMAL DESIGN  
PROCEDURE INSTRUMENT UNCERTAINTY METHODOLOGY  
FOR NEW YORK POWER AUTHORITY - INDIAN POINT 3,"  
(PROPRIETARY), JANUARY, 1989

NEW YORK POWER AUTHORITY  
INDIAN POINT 3  
NUCLEAR POWER PLANT

ATTACHMENT B

WCAP-12129

"WESTINGHOUSE IMPROVED THERMAL DESIGN PROCEDURE  
INSTRUMENT UNCERTAINTY METHODOLOGY FOR  
NEW YORK POWER AUTHORITY - INDIAN POINT 3,"  
(NON-PROPRIETARY), JANUARY, 1989

NEW YORK POWER AUTHORITY  
INDIAN POINT 3  
NUCLEAR POWER PLANT

ATTACHMENT C

MATERIAL RELATING TO PROPRIETARY ASPECTS

NEW YORK POWER AUTHORITY  
INDIAN POINT 3  
NUCLEAR POWER PLANT