



Ralph E. Beedle
Executive Vice President
Nuclear Generation

February 26, 1992
IPN-92-012

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

Subject: **Indian Point 3 Nuclear Power Plant**
Docket No. 50-286
Proposed Changes to Technical Specifications
Regarding Fuel Assemblies with ZIRLO™ Cladding

Dear Sir:

By letter dated January 8, 1992, the Authority committed to provide the NRC staff with an Indian Point 3 (IP3) small break LOCA (loss-of-coolant-accident) analysis for ZIRLO™ fuel cladding. The attachment to this letter includes the IP3 small break LOCA analysis.

The January 8, 1992 letter proposed changing the Technical Specifications to address the use of ZIRLO™ fuel cladding. Attachment III of the Technical Specification change submittal was a safety assessment (WCAP-13170) performed for using ZIRLO™ fuel cladding. The safety assessment contained the results of an IP3 large break LOCA analysis, and a small break LOCA evaluation performed for a plant similar to IP3.

The attachment to this letter is a revised safety assessment (WCAP-13170, Revision 1) for using ZIRLO™ fuel cladding. The revised safety assessment includes an IP3-specific small break LOCA analysis for ZIRLO™ fuel cladding (the large break LOCA analysis remains unchanged from the previous version of WCAP-13170). As discussed in the Authority's January 8, 1992 letter, the revised safety assessment confirms that the new small break LOCA analysis is bounded by the large break LOCA analysis of WCAP-13170. Please use WCAP-13170, Revision 1, to evaluate the effect of using ZIRLO™ fuel cladding on the IP3 small break LOCA analysis.

If you have any questions, please contact Mr. P. Kokolakis.

Very truly yours,

A handwritten signature in black ink, appearing to read 'R. Beedle', written over a horizontal line.

Ralph E. Beedle
Executive Vice President
Nuclear Generation

cc: See next page

Attachment

cc: U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

Resident Inspector's Office
Indian Point Unit 3
U.S. Nuclear Regulatory Commission
P.O. Box 337
Buchanan, NY 10511

Ms. Donna Ross
Division of Policy Analysis & Planning
Empire State Plaza
Building Number 2 - 16th Floor
Albany, NY 12223

Mr. Nicola F. Conicella, Proj. Manager
Project Directorate I-1
Division of Reactor Projects I/II
U.S. Nuclear Regulatory Commission
Mail Stop 14B2
Washington, DC 20555

ATTACHMENT I TO IPN-92-012

REVISED WESTINGHOUSE SAFETY ASSESSMENT (WCAP-13170, REV. 1)
FOR THE INDIAN POINT 3 FUEL ASSEMBLIES WITH
ZIRLO™ CLAD FUEL RODS

NEW YORK POWER AUTHORITY
INDIAN POINT 3 NUCLEAR POWER PLANT
DOCKET NO. 50-286
DPR-64