



Commonwealth Edison
1400 Opus Place
Downers Grove, Illinois 60515

November 14, 1994

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

Attention: Document Control Desk

Subject: Fracture Mechanics Evaluation of Residual Heat Removal
System Heat Exchanger Inlet and Outlet Nozzle to Shell Welds

Byron Nuclear Power Station, Units 1 and 2
NPF-37/66; NRC Docket Nos. STN 50-454/455

Braidwood Nuclear Power Station, Units 1 and 2
NPF-72/77; NRC Docket Nos. STN 50-456/457

Reference: November 8, 1994 letter, H. D. Pontious, Jr. to NRC, Fracture
Mechanics Evaluation of Residual Heat Removal System Heat
Exchanger Inlet and Outlet Nozzle to Shell Welds

In the letter referenced above Commonwealth Edison Company (ComEd) transmitted to the Nuclear Regulatory Commission (NRC) Staff the Westinghouse Electric Corporation (Westinghouse) Report WCAP 13454, "Fracture Mechanics Evaluation, Byron and Braidwood Unit 1 and 2, Residual Heat Exchanger Tube Side Inlet and Outlet Nozzles," dated August 1992 (Proprietary) and WCAP 13455, "Fracture Mechanics Evaluation, Byron and Braidwood Unit 1 and 2, Residual Heat Exchanger Tube Side Inlet and Outlet Nozzles," dated August 1992 (Non-Proprietary). Due to the expedited nature of the submittal, the necessary affidavit from Westinghouse, the owner of the proprietary information, for withholding from public disclosure was not submitted with the proprietary document. Therefore, ComEd is resubmitting WCAPs 13454 and 13455 with the appropriate affidavit.

Accordingly, attached you will find one copy of WCAP 13454, "Fracture Mechanics Evaluation, Byron and Braidwood Unit 1 and 2, Residual Heat Exchanger Tube Side Inlet and Outlet Nozzles," dated August 1992 (Proprietary) and one copy of WCAP 13455, "Fracture Mechanics Evaluation, Byron and Braidwood Unit 1 and 2, Residual Heat Exchanger Tube Side Inlet and Outlet Nozzles," dated August 1992 (Non-Proprietary) (Attachments 2 and 3, respectively).

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November 14, 1994

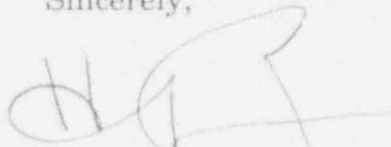
As WCAP-13454 contains information proprietary to Westinghouse, it is supported by an affidavit signed by Westinghouse, the owner of the information (Attachment 1). The affidavit sets forth the basis upon which the information may be withheld from public disclosure by the Commission and addresses with specificity the considerations listed in Title 10, Code of Federal Regulations, Part 2, Section 790, Paragraph (b), Subparagraph (4) [10 CFR 2.790(b)(4)]. Accordingly, it is respectfully requested that the information which is proprietary to Westinghouse be withheld from public disclosure in accordance with 10 CFR 2.790.

Correspondence with respect to the proprietary aspects of the item listed above or the supporting Westinghouse Affidavit should reference CAW-94-753 and should be addressed to N. J. Liparulo, Manager of Nuclear Safety & Regulatory Activities, Westinghouse Electric Corporation, P. O. Box 355, Pittsburgh, Pennsylvania 15230-0355.

Correspondence with respect to the proprietary aspects of the items listed above should be addressed to N. J. Liparulo, Manager of Nuclear Safety & Regulatory Activities, Westinghouse Electric Corporation, P. O. Box 355, Pittsburgh, Pennsylvania 15230-0355.

Please address any questions or comments regarding this submittal to this office.

Sincerely,



Harold D. Pontious, Jr.
Nuclear Licensing Administrator

Attachment 1: CAW-94-753
Attachment 2: WCAP 13454
Attachment 3: WCAP 13455

cc: J. B. Martin, Regional Administrator - Region III
G. F. Dick, Byron Project Manager - NRR
R. R. Assa, Braidwood Project Manager - NRR
H. Peterson, Senior Resident Inspector - Byron
S. G. DuPont, Senior Resident Inspector - Braidwood
Office of Nuclear Facility Safety - IDNS

ATTACHMENT 1

WESTINGHOUSE LETTER CAW-94-753

**APPLICATION FOR WITHHOLDING
PROPRIETARY INFORMATION
INFORMATION FROM PUBLIC DISCLOSURE**

**"FRACTURE MECHANICS EVALUATION
BYRON AND BRAIDWOOD UNITS 1 AND 2
RESIDUAL HEAT EXCHANGER
TUBE SIDE INLET AND OUTLET NOZZLES"
WCAP 13454 (Proprietary)**