



May 30, 1995

United States Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, D.C. 20555-0001

Subject: Use of ASME Code Case N-498  
Byron Nuclear Power Station, Units 1 and 2  
Facility Operating Licenses NPF-37 and NPF-66  
NRC Docket Nos. 50-454 and 50-455

Gentlemen:

Byron Station intends to invoke the American Society of Mechanical Engineers (ASME) Code Case N-498, "Alternate Rules for 10 Year Hydrostatic Pressure Testing for Class 1 and 2 Systems, Section XI, Division 1," for the remainder of the first ten-year interval of the Inservice Inspection Program Plan for Pressure Testing at Byron Station, Units 1 and 2.

The United States Nuclear Regulatory Commission (NRC) approved ASME Code Case N-498 for use in Regulatory Guide (RG) 1.147, "Inservice Inspection Code Case Acceptability, ASME Section XI, Division 1," Revision 11, dated October 1994. The rules of this code case will be followed until NRC approval of ASME Code Case N-498-1, "Alternate Rules for 10 Year Hydrostatic Pressure Testing for Class 1, 2 and 3 Systems, Section XI, Division 1" is documented in RG 1.147.

Byron Station will revise the Unit 1 and Unit 2 Inservice Inspection Program Plans and the Updated Final Safety Analysis Report, as required, to reflect use of ASME Code Case N-498.

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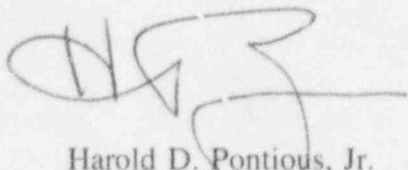
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Please address any comments or questions regarding this matter to this office.

Very truly yours,

A handwritten signature in black ink, appearing to read 'H. Pontious, Jr.', with a stylized flourish extending from the end.

Harold D. Pontious, Jr.  
Nuclear Licensing Administrator

cc: J. B. Martin, Regional Administrator - RIII  
C. F. Dick Jr., Byron Project Manager - NRR  
H. Peterson, Senior Resident Inspector - Byron  
Office of Nuclear Facility Safety - IDNS