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April 19, 1984

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3-A1.01.04
Q-3-A30.15

Director of Nuclear Reactor Regulation
Attention: Mr. G.W. Knighton, Chief
Licensing Branch Number 3
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

SUBJECT: Waterford Steam Electric Station - Unit Number 3
Docket Number 50-382
Modifications to the Circulating Water System
Intake Structure

Reference: NUREG 0779 - Final Environmental Statement
Related to the Operation of Waterford Steam
Electric Station, Unit No. 3; September 1981

Dear Mr. Knighton:

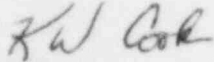
During the initial trial operation of the Waterford Steam Electric Station - Unit Number 3 (Waterford 3) Circulating Water System (CWS), it became apparent that the intake was not properly handling trash and debris. Large sized debris entered the traveling screen bay area, resulting in the traveling screens being subjected to a trash loading for which they were not designed, debris backing up in the screen wash troughs, and reentering the intake structure upon discharge. Attached is a letter to the Environmental Protection Agency (EPA), a follow up to a telephone discussion, describing modifications to the CWS intake structure which were designed to alleviate these problems, and presenting our analysis of potential environmental effects and their impact on the EPA's favorable 316(b) decision. These modifications were also discussed with John Lehr of your office, with respect to their impact on the NEPA review and the conclusions which are discussed in Section 5.6 of the Final Environmental Statement. Both the EPA representative and Mr. Lehr agreed preliminarily with our assessment that the modifications present no adverse impact on the respective analyses; however both parties reserved official comment until reviewing our formal submittals. As our letter to the EPA provides a detailed description of the modifications and our analysis thereof, we ask that you refer to the information contained in the attached letter for your review. As was requested by Mr. Lehr, we will forward a copy of the EPA's findings for inclusion in your NEPA review.

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Should you have any questions or require further information on this subject, please contact Ms. Chadi D. Groome, of our Nuclear Licensing Office at (504) 363-8997. Thank you for your time and attention.

Very truly yours,

A handwritten signature in dark ink, appearing to read 'K.W. Cook', is positioned above the typed name.

K.W. Cook
Nuclear Support & Licensing Manager

KWC/CDG/pco

Attachment

cc: E.L. Blake, W.M. Stevenson, J.T. Collins, D.M. Crutchfield,
J.H. Wilson, G.L. Constable, J. Lehr