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July 1, 1981

EF2 - 53920

Mr. L. L. Kintner  
Division of Project Management  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Reference: Enrico Fermi Atomic Power Plant Unit 2

Subject: Shore Barrier Slope Stability Analysis

Dear Mr. Kintner:

Enclosed is one copy of the calculations for the Shore Barrier Slope Stability Analysis as requested by Dr. B. Jagannath. The recommendations made by Dr. Jagannath in the telephone conversation with our Dr. Anand on June 25 have been incorporated in this report. To facilitate your review, the location of the responses to your comments are indicated below:

1. High Water Level on Building Side and Low Water Level on Lake Side. See Assumption #8, page 2.
2. Documentation of Soil Shear Strengths. See Appendices A through F, pages 32 to 137.
3. Sliding Wedge Analysis. See Method of Analysis #3, page 3.

If you have any questions, please contact our Mr. W. Street at 313-649-7351.

Yours truly,

*W F Colbert / JWC*

William F. Colbert  
Technical Director  
Enrico Fermi 2

WFC/YAA/jlj

Attachments

*Boo  
S. 11*