

Detroit
Edison

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July 13, 1981
EF2 - 53951

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

Dear Mr. Kintner:

Reference: Enrico Fermi Atomic Power Plant, Unit 2
NRC Docket No. 50-341

Subject: Shore Barrier Slope Stability Analysis

Enclosed please find one (1) copy of the Edison calculations entitled "Slope Stability Analysis of the Shore Barrier, Enrico Fermi Atomic Power Plant Unit #2, July 10, 1981". The recommendations made by your Dr. Jagannath in a telephone conversation with our Mr. W. Street have been incorporated in the report. To aid in the review of the report, please note the following revisions to the original report:

1. Clay Seal Layer In-Situ Density - See Pages 4 and 6. Revision has been incorporated in the computer analysis from Pages 8 to 26.
2. Sliding Wedge Analysis - See Appendix G.
3. Effect of Phreatic Surface and Perched Water - See the computer analysis for Case V and Appendix G.

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

Sincerely,

W. F. Colbert
W. F. Colbert
Technical Director
Enrico Fermi 2

Written by: A. Colandrea
WFC/jlj
Enclosures

WMS afc

cc: B. Little

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