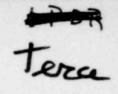


UNITED STATES NUCLEAR REGULATORY COMMISSION WASHINGTON, D. C. 20555 MAY 2 8 1980



MEMORANDUM FOR: Thomas A. Ippolito, Chief

Operating Reactors Branch

Division of Licensing

THRU:

George Lear, Chief

Hydrologic and Geotechnical Engineering Branch

Division of Engineering

FROM:

William S. Bivins, Leader

Hydrologic Engineering Section Hydrologic and Geotechnical Branch

Division of Engineering

SUBJECT:

PILGRIM NUCLEAR PLANT BREAKWATER REVIEW

We have completed a preliminary review of the analyses and studies submitted by the licensee in response to our requests regarding the subject breakwater. Based on this review we conclude that the breakwater has been acceptably designed, constructed, and repaired.

However, we are unable to recommend final approval of the breakwater design and placement without completing a field survey of the recently repaired structure. A site visit is necessary because the photographs provided in the licensee's report do not show the important underwater toe of the structure in sufficient detail. We hope to survey the breakwater during a predicted extreme low-tide period on June 10, 1980, when much of the structure toe should be visible. The survey personnel would include T. Johnson, NRR, and R. Jachowski, CERC, our consultant on this matter. Please coordinate the field survey with the appropriate I&E personnel.

We expect to provide a written report to you sometime after the breakwater

field survey to close this issue.

William S. Brivins, Leader

Hydrologic Engineering Section

Hydrologic and Geotechnical Engineering

Branch

Division of Engineering

See next page

cc: D. Eisenhut
T. Novak
R. Vollmer
J. Knight
W. Bivins
J. Hannon
R. Jachowski, CERC
T. Johnson
ACRS
ASLB