



REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY
COASTAL ENGINEERING RESEARCH CENTER
CORPS OF ENGINEERS
KINGMAN BUILDING
FORT BELVOIR, VIRGINIA 22060

CEREN-CD

20 January 1982

Mr. George Lear, Project Officer
Chief, Hydrologic and Geotechnical
Engineering Branch
Division of Engineering
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555



RE: Interagency Agreement No. NRC-03-81-
110 (31 Dec 81) Work Directive No. 2
(Seabrook)

Dear Mr. Lear:

Pursuant to the above referenced letter, work requirement Item No. 1 and 3 have been accomplished and the following preliminary questions have resulted for this review:

1. Describe the provision made to protect plant grade immediately behind the revetment and retaining wall sections from the effects of erosion caused by wave overtopping and/or runoff.
2. Describe the toe protection provided at the vertical seawall in Section 5 to eliminate the effects of scour. Scour if not prevented could result in structural instability of the vertical seawall.
3. Describe design criteria used for vertical seawall at Section 5. (Fig. 2.4-24 indicates two analytical methods.)
4. Provide construction details of revetment and vertical seawall sections with particular emphasis on revetment as built specifications on quarrystone size (weight) and placement techniques; and vertical seawall sheet pile length, interlock, tie backs and anchors.

Should you require any further details regarding these questions please contact Mr. R.A. Jachowski at 325-7122.

Sincerely,

NEILL E. PARKER
Chief, Engineering
Development Division

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