RHODE ISLAND
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

235 Promenade Street, Providence, RI 02908-5767 TDD 401-831-5508

22 August 1997

Mr. Philip Otis, P.E., Remedial Project Manager
US Department of the Navy, Northern Division
Code 18, Mail Stop #82
10 Industrial Highway
Lester, PA 19113-2090

RE: Addendum (July 1997) to the Sites 03 & 09 Phase III RI Work Plan
Additional Monitoring Well installation and Additional Natural Attenuation Sampling at Site 03/Davisville NIKE
NCBC Davisville, Rhode Island
Submitted 4 August 1997, Dated 31 July 1997

Dear Mr. Otis;

The Rhode Island Department of Environmental Management, Office of Waste Management has reviewed the above referenced document and comments are attached.

If you have any questions or require additional information please call me at (401) 277-3872 ext. 7138.

Sincerely,

Richard Gottlieb, P.E.
Principal Sanitary Engineer

Attachment:

cc: W. Angell, DEM OWM
C. Williams, EPA Region 1
H. Cohen, RIEDC
M. Cohen, ToNK
W. Davis, CSO NCBC
J. Shultz, EA Eng.

letter1.rwg/richg

Comments For:

Addendum (July 1997) to the
Sites 03 and 09 Phase III RI Work Plan
Additional Monitoring Well Installation and Additional
Natural Attenuation Sampling at Site 03/NIKE (NCBC)

Submitted 4 August 1997, Dated 31 July 1997

1. **Page 1, Section 2, Scope of Work;**
   Bullet 4.

   Please explain how the locations of Wells E and F (screened just above competent bedrock) were selected. Since the bedrock contour mapping does not extend to the proposed locations of the wells it may be advisable to run one or two seismic refraction lines on the southern extent of the plume to insure that wells are being located in a most advantageous manner, i.e. we are not placing wells on a bedrock ridge.

2. **Page 2, Section 2, Scope of Work;**
   Paragraph 3, Sentences 6 and 7.

   Please clarify where the screen for the rock wells will be set. Sentence 6 states that the steel casing will be set approximately 3 to 5 feet below the top of competent bedrock and sentence 7 states that the screen will be set from 15 to 25 feet below the top of competent bedrock. Assuming a 10 foot long screen with a bottom elevation at 25 feet below top of competent bedrock, please explain what would be in the interval from 5 to 15 feet below the top of competent bedrock. It is assumed the screen interval is not part of the casing and is set below the casing.