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LETTER REGARDING SOUTH CAROLINA DEPARTMENT OF HEALTH AND
ENVIRONMENTAL CONTROL REVIEW OF UNDERGROUND STORAGE TANK (UST)
ASSESSMENT REPORT DATED 3 SEPTEMBER 1997 FOR BUILDING NS-28 CNC
CHARLESTON SC
10/30/1997
SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL



2600 Bull Street
Columbia, SC 29201-1708

Mr. Gabriel L. Magwood
Southern Division NFEC
P.O. Box 190010
2155 Eagle Drive
North Charleston, South Carolina 29419-9010

Re: Underground Storage Tank Assessment Report dated September 3, 1997
Building NS 28 (UST NS 28A and NS 28B) (Site Identification # 00964)
Charleston Naval Complex/Charleston Naval Base
Charleston, SC
Charleston County

Date: October 30, 1997

Dear Mr. Magwood:

The author has completed technical review of the referenced document. As submitted, the report provides a narrative describing closure activities, site conditions and analytical results of environmental sampling conducted to determine if releases have occurred from operation of the referenced vessels and/or associated piping systems. The results presented indicate levels of PAH (polynuclear aromatic hydrocarbons) were detected in soil and groundwater grab samples obtained from the tank pit excavation for UST NS 28A. These results approach or exceed levels proposed in the SCAP (Soil Corrective Action Plan amended July 30, 1997) for the Charleston Naval Complex and appear to indicate that additional endeavors for remedial actions and contaminant characterization are warranted at the referenced tank site. In this regard, assessment/corrective action activities provided in the Tank Management Plan (dated October 18, 1996) should be implemented in an appropriate and timely manner. Employed activities should be technically sufficient and reasonable to determine the extent and severity (including horizontal and vertical delineation) of suspected contamination. Please be reminded that groundwater sampling (if necessary) will require construction of sampling points and will need to be submitted for prior review and approval, as appropriate.

With regard to UST NS 28B, the results presented indicate elevated levels of PAH were detected in soil grab samples obtained from the piping run excavation. Subsequent excavation was conducted with additional clearance sampling performed. These results demonstrate a marked decrease in PAH compounds (all compounds reported as BDL) in this area. With this consideration, it appears that no additional endeavors for remedial action and/or contaminant characterization are warranted at the referenced site (UST NS 28B) at this time.

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

Charleston Naval Base
Building 28 (#00964)
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Should you have any questions, please contact me at (803) 734-5328.

Sincerely,


Paul L. Bristol, Hydrogeologist
Groundwater Quality Section
Bureau of Water

cc: Trident District EQC