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LETTER REGARDING SOUTH CAROLINA DEPARTMENT OF HEALTH AND
ENVIRONMENTAL CONTROL REVIEW OF UNDERGROUND STORAGE TANK (UST)
ASSESSMENT REPORT DATED 11 JULY 1997 FOR BUILDING 640 ABOVE GROUND
STORAGE TANK 640 (AST 640) AND UST 640B CNC CHARLESTON SC

10/23/1997

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 July 11, 1997
Bldg. 640 (AST 640 and UST 640B) (Site Identification # 00955)
Charleston Naval Complex/Charleston Naval Base
Charleston, SC
Charleston County

Date: October 23, 1997

Dear Mr. Magwood:

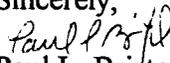
The author has completed technical review of the referenced document. As submitted, the report provides analytical results of environmental sampling conducted to determine if releases have occurred from operation of the referenced vessels and/or associated piping systems. The results presented indicate levels of PAH (polynuclear aromatic hydrocarbon compounds) were detected in soils grab samples obtained from UST 640B excavation. The reported detections (with elevated detection limits due to matrix interference) and documented breach in the vessel appears to indicate a release to the environment has occurred. Further, as identified in previous correspondence (Bristol to Amey, September 2, 1997), when detection limits are elevated and CoC's (contaminants of concern) are reported as zero (0) or BDL it will be assumed that the chemical constituent is equal to the elevated detection limit. With this consideration, these results approach or exceed levels proposed in the SCAP and appear to indicate that additional endeavors for remedial actions (soils removal) and contaminant characterization are warranted at the referenced UST 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. The 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 AST 640, the analytical data presented appears to indicate that no additional endeavors for remedial actions or contaminant characterization are warranted at this time. If in the future contamination is identified which is attributable to this vessel, additional assessments and/or remedial actions may be required, as appropriate.

Charleston Naval Base
Building 640 (#00955)
October 23, 1997
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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