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NSA MID SOUTH
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LETTER TRANSMITTING REVISIONS TO U S GEOLOGICAL SURVEY PROPOSAL DATED
23 APRIL 1992 MILLINGTON SUPPACT TN
10/7/1992
NSA MID SOUTH

5090
Code 18236

07 OCT 1992

Mr. Francis H. Chapelle, Ph.D.
U.S. Department of the Interior
U.S. Geological Survey
720 Gracern Road, Suite 129
Stephenson Center
Columbia, S.C. 29210-7651

Subj: INVESTIGATION OF REMEDIATION ALTERNATIVES
NAVAL EXCHANGE SERVICE STATION, FACILITY I.D. #9-791718
NAS MEMPHIS, TN, USGS PROPOSAL SC 92J

Dear Mr. Chapelle:

Thank you for attending the meeting on 23 September 1992 at SOUTHDIV. As discussed, please revise USGS Proposal SC 92J dated 23 April 1992 to include:

1. Define applicable cleanup levels per Tennessee Department of Environment and Conservation (TDEC) guidelines. In our letter dated 1 October 1992, we have notified TDEC that data from previous field investigations will be used for this purpose. A copy of the letter was forwarded to USGS.
2. Modify the time required to perform the service from six months to four months.
3. Follow the TDEC guidelines to the greatest extent possible when preparing the Corrective Action Plan (CAP).
4. The CAP to include a set of performance specifications under separate cover.
5. Purge wells and resample groundwater from existing 23 wells. Prior to sampling, make water level measurements and determine if free product is present.
6. Analyze groundwater samples for constituents of benzenes, toluene, ethylbenzene and xylene (BTEX) by method 8020 and total petroleum hydrocarbon (TPH) by the 8015 modified method GC/FID.

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7. Compare data with previous analysis of groundwater in the Quarterly Groundwater Sampling Report dated May 1991. Evaluate petroleum plume status. Previous investigations concluded that the plume movement was not measurably detected.

If you have any questions concerning this correspondence, please contact Mr. John Karlyk, Code 1846, at (803) 743-0624.

Sincerely,

H. FRASER, P.E.
Head, Petroleum Branch

Copy to:

NAS Memphis (Ms. Tonya Barker PDW)

TDEC Memphis, TN Environmental Field Office (Mr. G. Birdwell)

TDEC Nashville, TN (UST Division)