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NAS CECIL FIELD, FL
5090.3a

LETTER REGARDING FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
COMMENTS ON CONTAMINATION ASSESSMENT REPORT ADDENDUM FOR SOUTH
FUEL FARM NAS CECIL FIELD FL
2/7/1996
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



Department of Environmental Protection

Lawton Chiles
Governor

Twin Towers Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Virginia B. Wetherell
Secretary

February 7, 1996

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Commanding Officer
Mr. Bryan Kizer, Code 1842
SOUTHNAVFACENGCOM
Post Office Box 190010
North Charleston, SC 29419-9010

RE: Contamination Assessment Report Addendum, South
Fuel Farm, Naval Air Station Cecil Field, Florida

Dear Mr. Kizer:

I have completed the technical review of the Contamination Assessment Report Addendum dated January 1996 (received January 9, 1996) for the South Fuel Farm. The CAR Addendum cannot be approved at this time. In order to meet the requirements of Chapter 62-770, Florida Administrative Code (F.A.C.) the following comments need to be addressed:

1. Page 2-1, free product, by definition in 62-770.200(3) is greater than 0.1 inch. The measured "product" in monitoring well CEF-043-03 (0.06"), would not qualify as such.
2. Page 3-4, Section 3.3, the use of the TerraProbe™ data should be further described in the text. Furthermore, this data should be included in Chapter 4 and on appropriate Figures.
3. Page 3-4, Section 3.3, the text indicated that Table 3-1 summarizes sample depths and analytical results. This is not correct and should be changed.
4. Page 3-8, Table 3-4, what is the correct screen interval for monitoring well CEF-043-14? The table indicates that the well is screened below the total depth of the well. This should be corrected. Furthermore, the screen interval for CEF-043-46D should also be corrected.
5. Figure 4-6, the 50 ppm OVA Headspace isoconcentration contour is incorrect in the vicinity of soil boring B-165. Boring B-165 should be within the isoconcentration contour. In addition, there appears to some inconsistency in the

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values reported on this figure. Wet and or moist values have been posted for B-31, B-37, B-165, and B-185. Only dry values are representative of the vadose zone. Furthermore, the correct value for SB-8 is 1226 ppm and not 126 ppm, as reported. This figure should be corrected.

6. Page 4-8, Section 4.2.1, are the areas beneath the Day Tank and the containment pond considered to be excessively contaminated? If not, these areas will have to further investigated upon closure of the Day Tank.
7. Chapter 4, this chapter should include a more thorough discussion of the sample of discharge water collected from the buried stormwater drain. In addition, the sampling location should be included on appropriate figures.
8. Page 5-1, Section 5.1, the vertical extent of contamination is actually shallower than 65 feet. The Terraprobe™ data is not definitive. The Engineer of Record should determine if the data is sufficient to design a groundwater remediation system. If not, an additional vertical extent monitoring well (screened from 38-43 feet bls) is needed in the vicinity of CEF-043-50D and TP-2.

I liked the E-Scale Figure, however, some of the could have been included as 8 1/2 X 16 inch format.

If I can be of any further assistance with this matter, please contact me at (904) 921-9991.

Sincerely,

Michael J. Deliz, P.G.
Remedial Project Manager

Date

CC: Brian Cheary, FDEP Northeast District
Pat Kingcade, FDEP OGC/Natural Resource Trustee File
Bart Reedy, USEPA - Atlanta
Steve Wilson, SOUTHNAVFACENGCOM

TJB____ JJC____ ESN____