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NCBC GULFPORT
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LETTER FROM U S AIR FORCE REGARDING DISCUSSION LETTER CONCERNING SOIL
REMEDATION SPECIFICATIONS NCBC GULFPORT MS
12/22/1987
U S AIR FORCE



DEPARTMENT OF THE AIR FORCE

HEADQUARTERS AIR FORCE ENGINEERING AND SERVICES CENTER
TYNDALL AIR FORCE BASE FL 32403-6001

22 DECEMBER 87

REPLY TO ATTN OF: RDVW (MAJ STODDART)

SUBJ: AUGER RPM VS FEED RATE DATA PRESENTATION

TO: MS CORON FALCONER
EPA, REGION IV
345 COURTLAND ST
ATLANTA, GEORGIA 30365

1. Please find enclosed EG&G's letter dated 22 Dec 87 which contains discussion on the auger RPM vs bulk average feed rate. This submittal was required by the RD&D permit dated 23 November, 1987.
2. As you know the soil type at NCBC is very complex, containing gravel, oyster shell, and asphalt. Additionally the upper 8 inches of the soil on the 18 acre site has been stabilized with Portland cement. The extreme variability of the soil has made it impossible to establish a single maximum auger rpm that will allow us to feed all soil types at the 5.3 ton per hour feed rate set by the RD&D permit.
3. I would like to request that we be allowed to operate the incinerator at the 5.3 ton/hr feed rate and that this rate be controlled by the real-time DAS feed rate program. The DAS system would be backed-up by manual calculations of bulk average feed rate every 8 hours. The DAS system would trigger a AWFSO at the 5.3 ton/hr feed rate. I feel confident that the recommended approach is protective of the environment in that during the Dec 86 verification test burn we were able to feed 5 to 6 ton per hour with an auger rpm of 9-10; we took no hits in the treated soil, scrubber water or stack gas.
4. Should you wish to discuss the auger data or my request, please contact Mr Dan Haley, tele: 208-526-9959 or Mr Jeff Short, Tele: 601-864-4139.

Terry L Stoddart

Terry L Stoddart, Maj, USAF, BSC
Chief, Environmental Restoration R&D

cc
Mr Pat Tobin



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CERTIFICATION STATEMENT

REQUIRED BY 40 CFR 270.11 (d)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Terry L Stoddart

Terry L Stoddart, Maj, USAF, BSC
Chief, Environmental Restoration R&D

12/22/87

DATE

PERMIT NUMBER: MS 2 170 022 626