

**Nuclear Fuel Services, Inc.** ERWIN, TENNESSEE 37650

70-143

PDR

Return to  
D. Cramer (615) 743-9141  
396-55

December 15, 1981

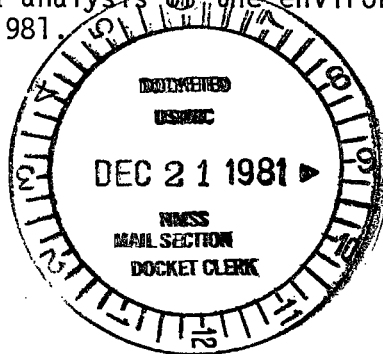
U. S. Nuclear Regulatory Commission  
Division of Fuel Cycle and Material Safety  
Washington, D. C. 20555

Attention: Mr. R. G. Page, Chief  
Uranium Fuel Licensing Branch

Reference: Docket 70-143; SNM-124

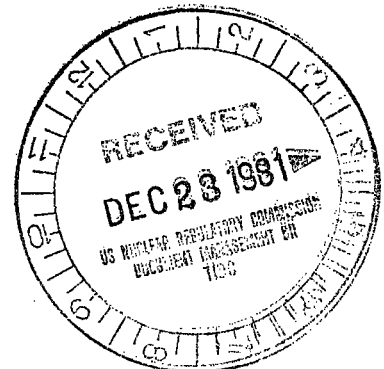
Gentlemen:

In accordance with Condition 62, Amendment No. 9, NFS submits the attached gross alpha analysis of the environmental air samplers for the month of November, 1981.



Yours very truly,

*W. C. Manser, Jr.*  
W. C. Manser, Jr.  
General Manager



WCM/pts

Attachments

cc: U. S. Nuclear Regulatory Commission  
Region II  
101 Marietta Street  
Atlanta, GA 30303

REL EXEMPT

8201190704 811215  
PDR ADDCK 07000143  
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U.S. NUCLEAR REG.  
COMMISSION  
MAIL SECTION

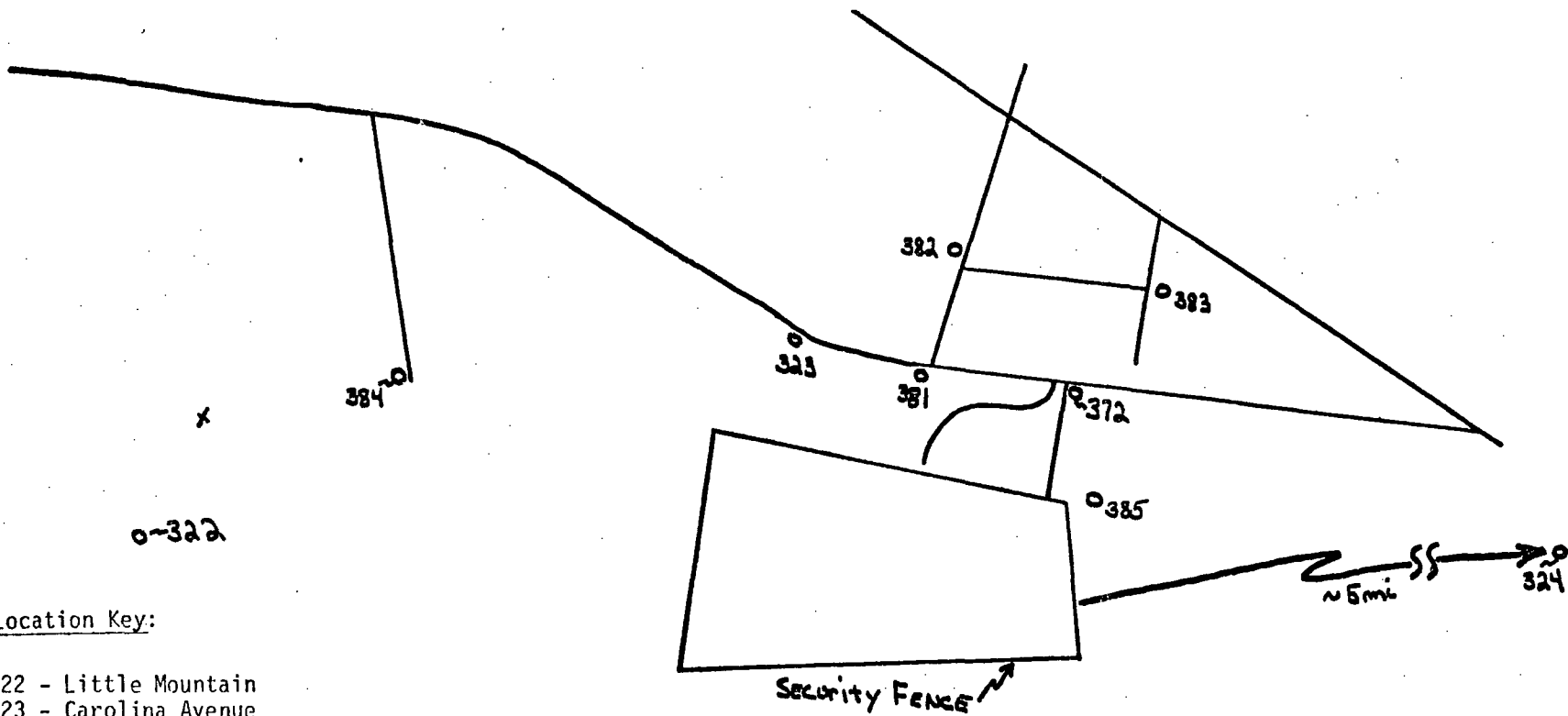
ENVIRONMENTAL AIR SAMPLE DATA

GROSS ALPHA ANALYSIS

Units:  $\mu\text{Ci}/\text{ml} \times 10^{-14}$

<u>Week</u> <u>Ending</u>	<u>322</u>	<u>323</u>	<u>324</u>	<u>372</u>	<u>381</u>	<u>382</u>	<u>383</u>	<u>384</u>	<u>385</u>
9/7/81	0.5	0.2	0	0.1	0.3	0.03	0	0	0.03
9/14/81	0.1	0	0	0.5	0.1	0.2	0.2	0	0.3
9/21/81	0.3	0.4	0	0.7	0.7	0.3	0.4	0.03	0.4
9/28/81	0.3	0.3	0.01	0.2	1.5	0.4	0.3	0.04	0.2
10/5/81	0.3	0.6	0.3	0.7	0.8	0.5	0.7	0.3	1.2
10/12/81	7.4	1.9	0.2	1.5	1.3	0.9	0.8	0.8	0.8
10/19/81	0.4	0.4	0.1	0.4	0.5	0.3	0.3	0.2	0.5
10/26/81	0.8	0.3	0.2	0.2	0.1	0.1	0.3	0.1	0.4
11/2/81	0.7	0.5	0.1	1.1	0.8	0.2	0.6	0.4	1.6
11/9/81	0.7	0.5	0.5	0.6	0.6	0.5	0.4	0.3	0.5
11/16/81	0.5	0.3	0.1	0.5	0.7	0	0	0.2	0.5
11/23/81	0.6	0.3	0.1	0.6	0.6	0.3	0.3	0.7	0.5
11/30/81	0.97	0.3	0.4	0.5	0.5	0.3	0.4	0.3	0.8

Location Key: 322 - Little Mountain  
323 - Carolina Avenue  
324 - Asheville Highway  
372 - Carolina Avenue/Parking Lot Entrance (B)  
381 - Carolina Avenue/Stalling Avenue (C)  
382 - Stalling Lane SE (F)  
383 - Highland Avenue/1st Street (E)  
384 - Meadowbrook Lane NE (D)  
385 - Security Fence SE (A)



Location Key:

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0 SCALE 250m

NFS-ERWIN Off-Site  
Air Sampling STATIONS

2005