



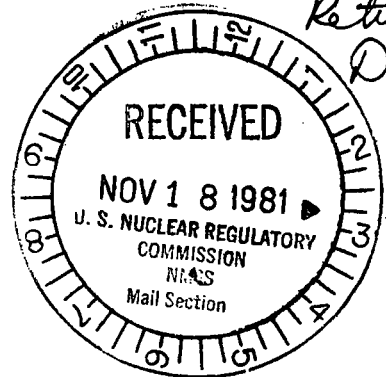
**Nuclear Fuel Services, Inc.** ERWIN, TENNESSEE 37650

70-143

PDR (615) 743-9141

Return to  
D. CRAMER  
396-5.

November 11, 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

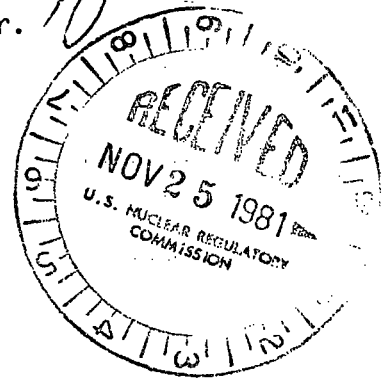
Reference: Docket 70-143; SNM-124

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 October, 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

ALL DONE

8112110015 811111  
PDR ADOCK 07000143  
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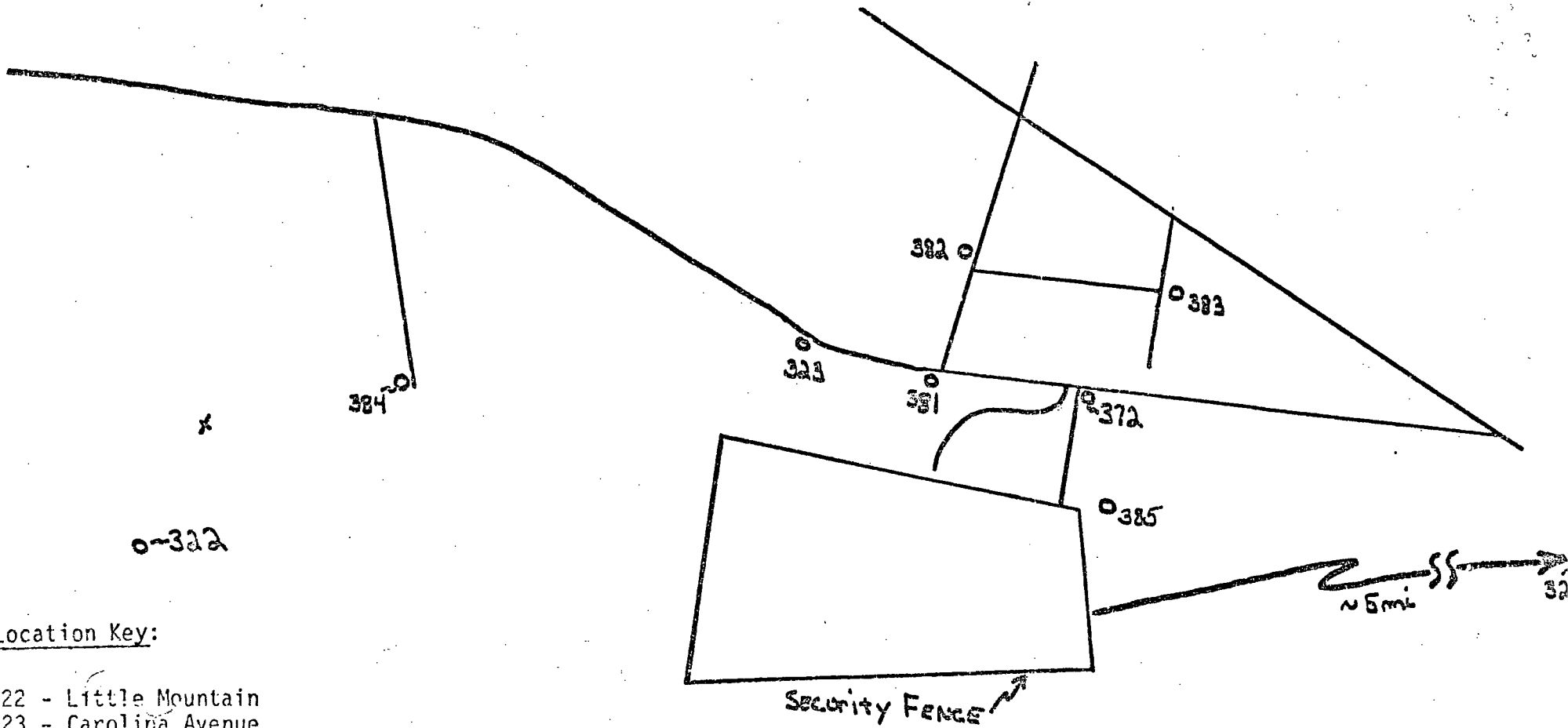
ENVIRONMENTAL AIR SAMPLE DATA

GROSS ALPHA ANALYSIS

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

<u>Week 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>
8/10/81	1.0	0.5	1.1	1.2	1.1	0.2	0.8	0.6	0.3
8/17/81	1.0	0.4	0.6	0.8	1.0	0.3	0.8	0.9	0.5
8/24/81	1.2	0.8	0.3	0.8	1.0	0.6	0.9	1.5	0.7
8/31/81	0.9	0.5	0.2	0.3	0.3	0.2	0.4	0.2	0.4
<hr/>									
9/17/81	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
<hr/>									
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

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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NFS-ERWIN Off-Site  
Air Sampling Stations

10004