



Nuclear Fuel Services, Inc. ERWIN, TENNESSEE 37650

70-143
PDR

Return to
D-CRAMER (615) 743-9141
396-55

1981 AUG 17 AM 10 55

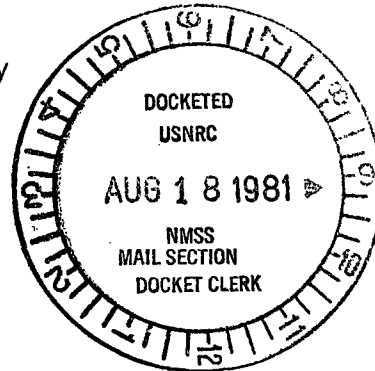
August 12, 1981

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 July, 1981.

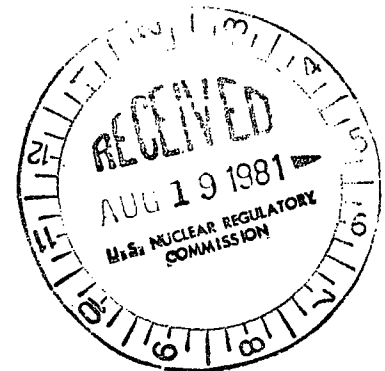
Yours very truly,

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



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PDR ADOCK 07000143
C PDR

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info only

ENVIRONMENTAL AIR SAMPLE DATA

GROSS ALPHA ANALYSIS

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

| <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> |
|--------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 5/4/81 | 1.8 | 2.6 | 1.8 | 2.2 | | | | | |
| 5/11/81 | 1.7 | 1.8 | 1.4 | 2.8 | | | | | |
| 5/18/81 | 7.4 | 3.2 | 2.2 | 1.9 | | | | | |
| 5/25/81 | 0.1 | 0.0 | 0.1 | 0.9 | | | | | |
| 6/1/81 | 1.6 | 2.0 | 2.3 | 2.7 | | | | | |
| 6/8/81 | 0.1 | 0.4 | 0.8 | 0.6 | 1.5 | 0.9 | 0.0 | 0.0 | 1.3 |
| 6/15/81 | 1.3 | 0.8 | 1.2 | 1.1 | 0.9 | 1.2 | 1.3 | 0.7 | 0.1 |
| 6/22/81 | 5.2 | 1.1 | 0.5 | 0.9 | 0.6 | 0.7 | 0.9 | 5.4 | 0.3 |
| 6/29/81 | 1.2 | 0.3 | 1.8 | 1.5 | 0.8 | 0.5 | 1.4 | 0.9 | 0.8 |
| 7/6/81 | 1.6 | 0.1 | 1.0 | 1.2 | 0.5 | 0.5 | 1.2 | 0.7 | 0.7 |
| 7/13/81* | 1.2 | 0.6 | 1.4 | 1.3 | 0.4 | 0.7 | 1.0 | 0.6 | 0.8 |
| 7/20/81* | 0.8 | 0.7 | 1.1 | 0.6 | 0.8 | 0.6 | 0.5 | 0.3 | 0.3 |
| 7/27/81* | 0.7 | 0.6 | 0.3 | 0.6 | 0.8 | 0.3 | 0.8 | 0.4 | 0.4 |
| 8/3/81 * | 0.7 | 2.0 | 2.0 | 1.1 | 1.0 | 0.7 | 1.1 | 0.7 | 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)

*Counting time was increased from 30 minutes to 180 min./sample