

21G-83-0183
GOV-01-55

70-143
Docket

Nuclear Fuel Services, Inc. ERWIN, TENNESSEE 37650

(615) 743-914

October 12, 1983 '83 OCT 17 110:57

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, Suite 3100
Atlanta, GA 30303

Attention: Mr. J. P. O'Reilly
Regional Administrator

Reference: Docket 70-143; SNM-124

Gentlemen:

In accordance with Condition 61, Amendment No. 6 and Condition 67, Amendment No. 9 of SNM-124, this report is submitted on the airborne radioactivity concentrations released from the plant stacks for the month of September, 1983.

The attachments list the concentrations from the major stacks. All stack concentrations were below the reporting limit for the month of September.

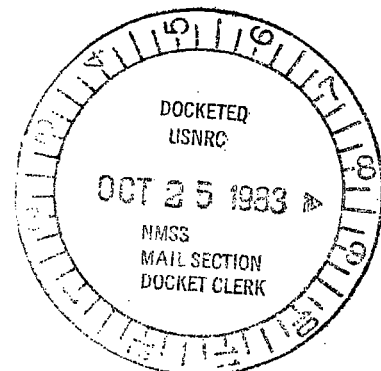
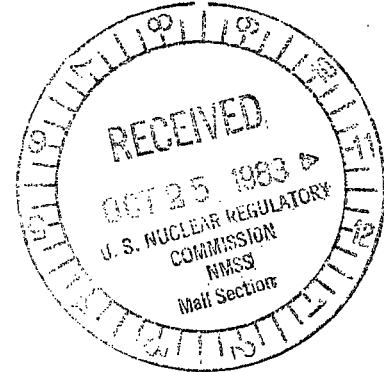
Very truly yours,

F. K. Guinn
F. K. Guinn
Plant Manger

FKG:degd

Attachments

cc: R. G. Page, Chief
Uranium Fuel Licensing Branch
U. S. Nuclear Regulatory Commission
Washington, DC 20555



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PDR ADOCK 07000143
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22986
INFORMATION CATEGORY
UNCLASSIFIED
CLASSIFIED

RM
REVIEWED BY DATE 10/13/83

ATTACHMENT I

DAILY SUMMARY OF STACK MONITORING

UNITS: $\mu\text{Ci/ml} \times 10^{-12}$

MAIN STACK #416

<u>Sample Collection Date</u>	<u>Daily Average</u>	<u>Daily Average</u>
09/01/83	0.66	3.22
09/02/83	14.57	4.81
09/03/83	1.81	4.57
09/04/83	3.24	4.80
09/05/83	2.65	4.07
09/06/83	1.44	3.63
09/07/83	8.05	4.63
09/08/83	7.09	5.55
09/09/83	10.73	5.00
09/10/83	13.96	6.74
09/11/83	4.56	6.93
09/12/83	6.61	7.49
09/13/83	1.59	7.51
09/14/83	5.79	7.19
09/15/83	2.21	6.49
09/16/83	1.35	5.15
09/17/83	3.75	3.69
09/18/83	15.38	5.24
09/19/83	6.32	5.20
09/20/83	3.02	6.83
09/21/83	5.24	5.32
09/22/83	1.23	5.18
09/23/83	1.68	5.23
09/24/83	2.94	5.12
09/25/83	7.05	3.93
09/26/83	5.04	3.74
09/27/83	3.97	3.88
09/28/83	4.86	3.82
09/29/83	6.56	4.59
09/30/83	13.47	6.27

ATTACHMENT II

DAILY SUMMARY OF STACK MONITORING

UNITS: $\mu\text{Ci}/\text{ml} \times 10^{-12}$

BUILDING 111

<u>Sample Collection Date</u>	<u>Main Scrubber #287</u>		<u>[REDACTED] #278</u>	
	<u>Daily Average</u>	<u>7-Day Average</u>	<u>Daily Average</u>	<u>7-Day Average</u>
09/01/83	5.08	5.00	7.96	4.91
09/02/83	8.82	5.25	10.63	5.73
09/03/83	0.17	4.74	4.67	5.69
09/04/83	2.78	4.44	3.67	5.88
09/05/83	0.83	3.59	3.51	6.18
09/06/83	3.07	3.49	2.80	6.18
09/07/83	1.25	3.14	3.75	5.28
09/08/83	0.64	2.51	5.00	4.86
09/09/83	2.05	1.54	3.28	3.82
09/10/83	16.19	3.83	6.23	4.04
09/11/83	1.68	3.67	1.19	3.68
09/12/83	2.43	3.90	2.48	3.53
09/13/83	2.30	3.47	14.30	5.18
09/14/83	21.71	6.72	10.49	6.14
09/15/83	2.77	7.02	4.33	6.04
09/16/83	10.45	8.22	1.64	5.81
09/17/83	2.20	6.22	1.12	5.08
09/18/83	2.93	6.40	0.61	4.99
09/19/83	2.29	6.38	1.33	4.83
09/20/83	3.39	6.54	4.44	3.42
09/21/83	9.26	4.76	2.57	2.29
09/22/83	12.62	6.16	5.86	2.51
09/23/83	0.66	4.77	1.88	2.55
09/24/83	3.66	4.97	2.42	2.73
09/25/83	0.10	4.57	5.89	3.49
09/26/83	4.70	4.70	4.23	3.90
09/27/83	6.26	5.11	7.24	4.30
09/28/83	1.25	3.96	3.47	4.43
09/29/83	6.80	3.13	4.89	4.29
09/30/83	1.31	3.22	2.21	4.34