



energy fuels nuclear, inc.

p.o. box 787 • blanding, utah 84511

March 3, 1997

Mr. Joseph Holonich, Branch Chief
High Level Waste and Uranium Recovery Projects Branch
Division of Waste Management, NMSS T7 J9
U. S. Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, MD 20852-2738

Re: ENERGY FUELS NUCLEAR, INC.
SUA-1358 DOCKET NO. 40-8681
WHITE MESA MILL, BLANDING, UTAH
Semi-Annual Effluent Report for the period
July 1 through December 31, 1996 as per LC #18.

Dear Mr. Holonich:

As required by the Code of Federal Regulations, Title 10, Part 40.65 and License Condition 18 of NRC Materials License SUA-1358, find attached a summary of the estimated releases of radioactive materials in effluents from the Energy Fuels Nuclear Corporation, White Mesa Mill, Blanding, Utah, for the period of July 1- December 31, 1996.

If you have any questions regarding this report, please contact Mr. Ron Berg or Ms. Shannon Clark at (801) 678-2221.

Sincerely,

Ron E. Berg
Radiation Safety Officer

9703070030 970303
PDR ADOCK 04008681
B PDR

NL0511

xc: Linda Howell, Branch Chief, Fuels Cycle Decommissioning Branch
Harold Roberts
Michelle Rehmann
Shannon Clark
Central File

070008



1.0 Stack Sampling

These samples were collected during Mill Process operations for the period of July 1 through December 31, 1996. Effluent samples were collected for the South Yellowcake Dryer and the Scrubber stacks. These process systems were the only ones sampled as they were the only effluent control equipment in use during this period. Samples were collected for the third quarter only, on September 20, 1996 from both stacks as the mill suspended operations prior to the fourth quarter of 1996. Gas stack effluent results for each stack are provided in Table A.

2.0 Environmental, Radiological, and Effluent Monitoring Data

2.1 Environmental Radon

Effective with the issuance License Amendment 41 (September 28, 1995 by the U. S. Nuclear Regulatory Commission), License Condition 24B was removed from Energy Fuels Nuclear, Inc. Source Material License SUA-1358. Amendment 41 allows Energy Fuels Nuclear, Inc. to use MILDOS modeling to determine environmental radon compliance at BHV-2 (the nearest resident). This has eliminated the necessity for quarterly monitoring of environmental radon. Environmental radon sampling was discontinued at the end of the third quarter of 1995. Compliance with the limits of 10 CFR 20.1302(b)(1) at the nearest residence (BHV-2) will be demonstrated by calculation using MILDOS.

2.2 Environmental Gamma

Gamma radiation levels at the five environmental locations, (with a duplicate at BHV-2, nearest resident) are determined by Thermal Luminescent Dosimeters (TLDs) furnished by THERMO NUtech. The spheres are exchanged quarterly and the data is presented in Tables 1 through 6 and Graphs 1 through 7. Graph 1 suggests that gamma radiation levels are influenced by combined environmental factors and are not particularly a function of where they are placed. Individual gamma radiation levels tend to increase or decrease as a whole group rather than at any specific location. Results of a given sample and a duplicate sample often indicate nonconfirmatory values. The duplicate sample results collected at location BHV-2 comprises twenty-seven quarters of data accumulation. There is minimal agreement between sample and duplicate sample results as indicated by a statistical index r^2 (coefficient of determination) of 0.46. Refer to Table 6 and Graph 7.

2.3 Vegetation Samples

Vegetation samples are collected at 3 locations around the mill periphery. The sampling locations are Northeast, Northwest and Southwest of the mill facility. Vegetation samples are collected during early spring, late spring and fall (growth seasons). Vegetation sample data are included as Tables 7 through 9 and Graphs 8 through 10. No trend is apparent as Ra-226 and Pb-210 concentrations at each sampling location remain consistent.

2.4 Environmental Air Monitoring

Air monitoring at the White Mesa Mill is accomplished by 4 high volume air sampling stations. Figure 1 shows the sampling locations. Tables 10 through 14 and Graphs 11 through 14 show sample results. Air particulate radionuclide monitoring at BHV-3 was discontinued at the end of the third quarter of 1995 pursuant to License Amendment 41. Sufficient data accumulation (12 years) has established background concentrations. Air particulate radionuclide concentrations at each monitoring site are calculated by subtracting the appropriate quarterly background average listed in Enclosure 2 to Amendment 41. Graphs 11 through 14 illustrate radionuclide concentrations at each location minus the background concentrations. Tables 15 and 16 illustrate the results of the dose calculations including the 50 year dose commitment to the nearest residence. Graphs 15 through 17 illustrate the yearly dose to the nearest resident. No unusual or discernable trends are apparent.

2.5 Groundwater Monitoring

Tables 17 and 18 express the results of the groundwater monitoring program at the White Mesa Mill. The QC results for the third and fourth quarter of 1996 are shown in Table 19. This table also includes a column for QC results for blind duplicate samples and distilled water samples which have been flushed through the sample collection hose reel. Graphical representation of the quarterly results are plotted and illustrated in Graphs 18 through 47. There are no apparent increased analyte trends evident.

2.6 Surface Water Monitoring

The results of surface water monitoring are presented in Table 20. Cottonwood Creek is sampled quarterly and Westwater Creek is sampled on an annual basis. This year Westwater Creek had no flow. An alternative

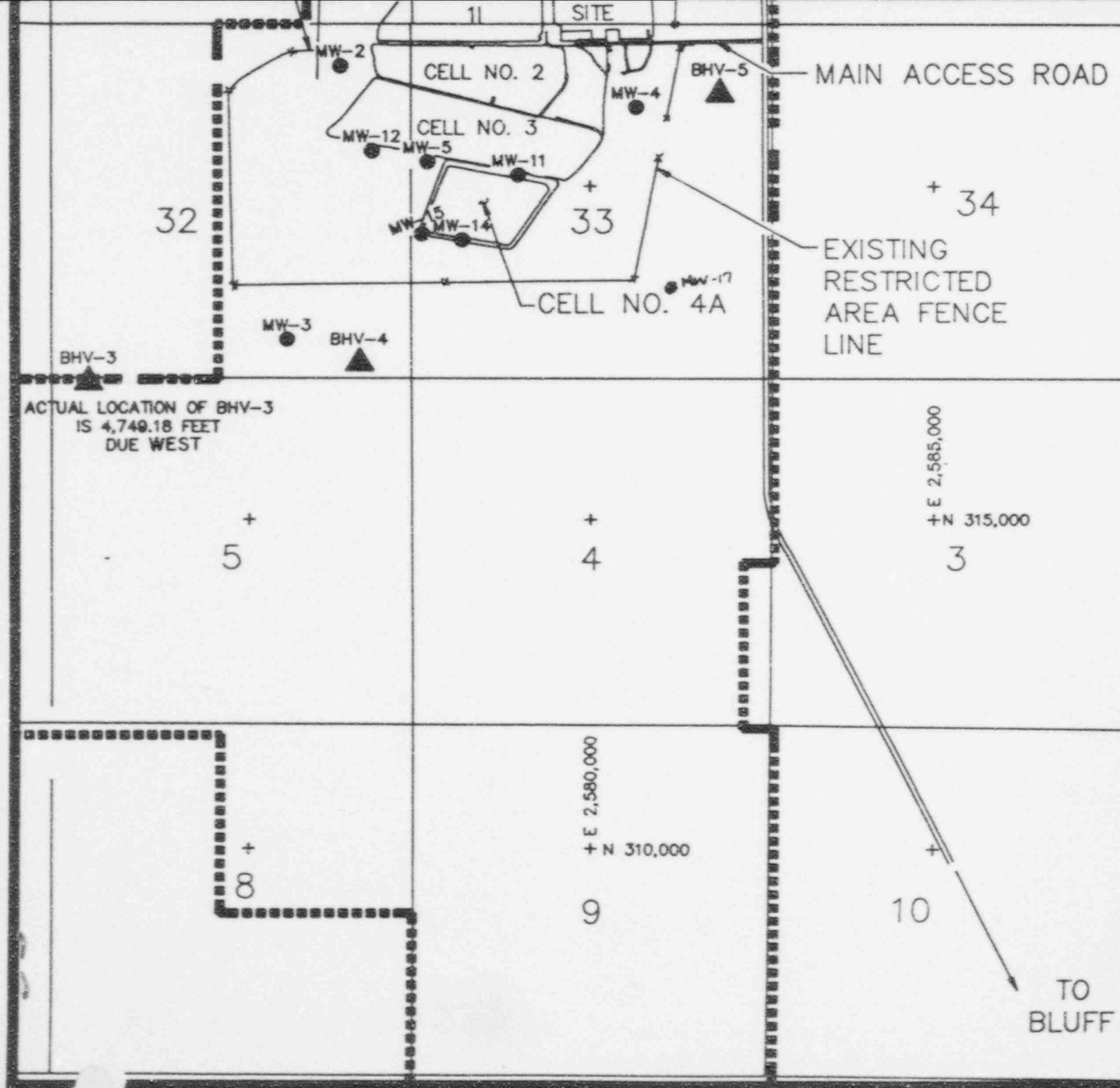
soil sample was collected for Westwater Creek and the results listed in Table 20. QC results for surface water samples are presented in Table 21.

2.7 Soil Sampling

Soil samples were taken in August at the five BHV locations. These results are contained in Table 22.

3.0 Meteorological Data

The Semi-Annual Air Quality and Meteorology Monitoring Report, provided by EnecoTech is attached as Appendix 1.





ACTUAL LOCATION OF BHV-2
IS 4,750 FEET
DUE NORTH

BHV-2

TO
BLANDING

ANSTEC
APERTURE
CARD

ENERGY FUELS NUCLEAR, INC.

FIGURE 1

WHITE MESA MILL
BLANDING, UTAH

20

+ E 2,575,000
+ N 330,000

21
+

22
+

PROPERTY
BOUNDARY

BHV-1

29
+

EXISTING
RESTRICTED
AREA FENCE
LINE

MW-1

MW-1B

28

MW-19

OPAD

+ E 2,585,000
+ N 325,000

27

9703070030-1

TABLE A

ENERGY FUELS NUCLEAR, INC.

1996 STACK SAMPLING

PARAMETER	SOUTH YELLOWCAKE DRYER	SCRUBBER STACK
RA-226 pCi/filter	<.2	<.2
RA-226 LLD	0.2	0.2
TH-230 pCi/filter	<.2	<.2
TH-230 LLD	0.2	0.2
PB-210 pCi/filter	<1	<1
PB-210 LLD	1	1
U-NAT μ Ci/ml	1.17E-10	1.62E-12
U-NAT LLD	9E-14	9E-14
MEASURED STACK FLOW RATE	1,413 CFM	2,170 CFM
URANIUM RELEASE RATE	7.8E-5 <i>uci/sec</i>	1.62E-6 <i>uci/sec</i>
TOTAL OPERATIONAL HOURS	592	592
TOTAL URANIUM RELEASED	166 μ Ci	3.45 μ Ci
PERCENT ISOKENETIC	106%	99.8%

TABLE 1

ENERGY FUELS NUCLEAR, INC.
WHITE MESA MILL
DIRECT RADIATION
MR/QTR

Location: BHV-1, Meteorological Station

Period Ending	Total Exposure Rate	Counting Error	Net Exposure Rate*	Net Error	Total Rate Mr/week	Counting Error Mr/week
14-Jan-88	20.80	1.58	-0.13	1.63	1.6	0.12
19-Apr-88	25.61	2.32	1.43	3.43	1.97	0.18
15-Jul-88	26.52	7.37	1.69	8.28	2.04	0.57
11-Oct-88	20.02	5.81	-0.39	5.81	1.54	0.45
19-Jan-89	23.14	2.61	-1.17	5.30	1.78	0.20
08-May-89	30.42	5.61	0.26	7.14	2.34	0.43
21-Jul-89	27.43	6.73	1.17	6.95	2.11	0.52
30-Oct-89	25.09	12.58	2.34	15.12	1.93	0.97
18-Jan-90	23.27	9.23	0.78	10.97	1.79	0.71
19-Apr-90	26.26	4.12	2.86	5.11	2.02	0.32
16-Jul-90	22.75	2.05	-1.56	3.12	1.75	0.16
01-Oct-90	22.10	1.95	-1.56	1.95	1.70	0.15
02-Jan-91	25.61	2.24	-6.76	9.60	1.97	0.17
01-Apr-91	22.49	2.35	-1.30	4.94	1.73	0.18
01-Jul-91	23.92	5.62	-7.67	5.83	1.84	0.43
30-Sep-91	23.27	0.97	-0.39	0.98	1.79	0.07
13-Jan-92	34.97	0.97	-2.47	0.98	2.69	0.07
10-Apr-92	22.10	1.62	-4.94	6.60	1.70	0.12
15-Jul-92	23.14	1.26	-2.47	6.44	1.78	0.10
01-Oct-92	21.97	5.50	-0.52	5.91	1.69	0.42
04-Jan-93	27.04	1.53	-2.60	4.56	2.08	0.12
08-Apr-93	21.45	3.13	-2.21	9.85	1.65	0.24
13-Jul-93	24.05	7.89	1.17	9.01	1.85	0.61
08-Oct-93	26.65	1.57	1.82	2.21	2.05	0.12
13-Jan-94	31.85	4.50	0.91	4.50	2.45	0.35
11-Apr-94	31.20	1.03	-0.26	6.48	2.4	0.08
11-Jul-94	23.01	3.02	-1.04	7.00	1.77	0.23
11-Oct-94	22.62	6.08	0.65	6.45	1.74	0.47
11-Jan-95	19.11	15.77	-6.76	16.35	1.47	1.21
11-Apr-95	21.97	2.04	-1.04	2.64	1.69	0.16
11-Jul-95	23.79	6.61	1.04	7.07	1.83	0.51
16-Oct-95	25.48	7.62	-0.78	8.02	1.96	0.59
16-Jan-96	16.64	4.06	-2.34	4.21	1.28	0.31
11-Apr-96	21.71	2.15	-4.29	2.91	1.67	0.17
16-Jul-96	18.33	2.07	-1.30	4.28	1.41	0.16
10-Oct-96	22.62	3.23	0.91	6.18	1.74	0.25
07-Jan-97	21.45	3.79	-1.56	5.29	1.65	0.29
Mean	23.21	3.54	-0.42	4.92	1.81	0.34
Std. Dev.	4.70	4.45	3.00	4.95	0.28	0.35

* " - " means exposure is less than the background site

TABLE 2

ENERGY FUELS NUCLEAR, INC.
WHITE MESA MILL
DIRECT RADIATION
MR/QTR

Location: BHV-2, Nearset Residence

Period Ending	Total Exposure Rate	Counting Error	Net Exposure Rate *	Net Error	Total Rate Mr/week	Counting Error Mr/week
30-Sep-81	19.11	0.00	-0.65	0.00	1.47	
14-Jan-88	21.19	4.08	0.26	4.10	1.63	0.31
19-Apr-88	27.82	4.72	3.64	5.35	2.14	0.36
15-Jul-88	25.48	6.67	0.65	7.66	1.96	0.51
11-Oct-88	25.35	8.51	4.94	8.51	1.95	0.65
19-Jan-89	24.44	5.21	0.13	6.96	1.88	0.40
08-May-89	32.37	2.61	2.21	5.12	2.49	0.20
21-Jul-89	27.95	2.33	1.69	2.90	2.15	0.18
30-Oct-89	22.88	2.58	0.13	8.77	1.76	0.20
18-Jan-90	24.05	2.43	1.56	6.41	1.85	0.19
19-Apr-90	24.83	0.42	1.43	3.05	1.91	0.03
16-Jul-90	23.14	0.65	-1.17	2.44	1.78	0.05
01-Oct-90	23.14	7.55	-0.52	7.55	1.78	0.58
02-Jan-91	30.42	5.34	-1.95	10.76	2.34	0.41
01-Apr-91	25.61	9.95	1.82	10.86	1.97	0.77
01-Jul-91	24.70	4.12	-6.89	4.41	1.9	0.32
30-Sep-91	25.74	6.77	2.08	6.77	1.98	0.52
13-Jan-92	38.61	8.70	1.17	8.70	2.97	0.67
10-Apr-92	23.66	1.22	-3.38	6.52	1.82	0.09
15-Jul-92	26.13	4.56	0.52	7.79	2.01	0.35
01-Oct-92	23.01	6.40	0.52	6.75	1.77	0.49
04-Jan-93	26.65	-0.67	-2.99	4.35	2.05	-0.05
08-Apr-93	22.88	4.53	-0.78	10.38	1.76	0.35
13-Jul-93	17.42	3.79	-5.46	5.77	1.34	0.29
08-Oct-93	26.91	4.27	2.08	4.55	2.07	0.33
13-Jan-94	30.42	4.30	-0.52	4.30	2.34	0.33
11-Apr-94	19.89	7.53	-11.57	9.88	1.53	0.58
11-Jul-94	26.13	6.32	2.08	8.94	2.01	0.49
11-Oct-94	25.09	10.18	3.12	10.41	1.93	0.78
12-Jan-95	28.08	-0.03	2.21	4.30	2.16	-0.00
11-Apr-95	24.18	4.34	1.17	4.65	1.86	0.33
11-Jul-95	24.18	3.81	1.43	4.56	1.86	0.29
16-Oct-95	27.17	7.52	0.91	7.93	2.09	0.58
16-Jan-96	17.81	5.06	-1.17	5.18	1.37	0.39
11-Apr-96	24.44	1.15	-1.56	2.27	1.88	0.09
16-Jul-96	19.76	2.57	0.13	4.55	1.52	0.20
10-Oct-96	21.06	6.03	-0.65	8.01	1.62	0.46
07-Jan-97	20.54	5.19	-2.47	6.37	1.58	0.40
Mean	24.20	3.57	-0.15	5.12	1.86	0.34
Std. Dev.	4.29	3.11	5.43	3.63	0.33	0.22

* " - " means exposure is less than the background site

TABLE 3

ENERGY FUELS NUCLEAR, INC.
WHITE MESA MILL
DIRECT RADIATION
MR/QTR

Location: BHV-3, Black Mesa (Background)

Period Ending	Total Exposure Rate	Counting Error	Net Exposure Rate	Net Error	Total Rate Mr/week*	Counting Error Mr/week
14-Jan-88	20.93	-0.42	0.00	0.59	1.61	-0.03
19-Apr-88	24.18	2.52	0.00	3.56	1.86	0.19
15-Jul-88	24.83	3.77	0.00	5.33	1.91	0.29
11-Oct-88	20.41	0.21	0.00	0.30	1.57	0.02
19-Jan-89	24.31	4.61	0.00	6.52	1.87	0.35
08-May-89	30.16	4.41	0.00	6.24	2.32	0.34
21-Jul-89	26.26	1.73	0.00	2.45	2.02	0.13
30-Oct-89	22.75	8.38	0.00	11.85	1.75	0.64
18-Jan-90	22.49	5.93	0.00	8.39	1.73	0.46
19-Apr-90	23.40	3.02	0.00	4.27	1.8	0.23
16-Jul-90	24.31	2.35	0.00	3.32	1.87	0.18
01-Oct-90	23.66	0.00	0.00	0.00	1.82	0.00
02-Jan-91	32.37	9.34	0.00	13.21	2.49	0.72
01-Apr-91	23.79	4.35	0.00	6.15	1.83	0.33
01-Jul-91	31.59	-1.56	0.00	2.21	2.43	-0.12
30-Sep-91	23.66	0.17	0.00	0.24	1.82	0.01
13-Jan-92	37.44	6.40	0.00	9.05	2.88	0.49
10-Apr-92	27.04	6.32	0.00	8.94	2.08	0.49
15-Jul-92	25.61	2.16	0.00	3.05	1.97	0.17
01-Oct-92	22.49	4.30	0.00	6.08	1.73	0.33
04-Jan-93	29.64	-1.67	0.00	2.36	2.28	-0.13
08-Apr-93	23.66	-0.17	0.00	0.24	1.82	-0.01
13-Jul-93	22.88	2.19	0.00	3.10	1.76	0.17
08-Oct-93	24.83	2.57	0.00	3.63	1.91	0.20
12-Jan-94	30.94	3.00	0.00	4.24	2.38	0.23
11-Apr-94	31.46	4.93	0.00	6.97	2.42	0.38
11-Jul-94	24.05	1.12	0.00	1.58	1.85	0.09
11-Oct-94	21.97	2.68	0.00	3.79	1.69	0.21
12-Jan-95	25.87	14.77	0.00	20.89	1.99	1.14
11-Apr-95	23.01	2.04	0.00	2.88	1.77	0.16
11-Jul-95	22.75	2.51	0.00	3.55	1.75	0.19
16-Oct-95	26.26	1.12	0.00	1.58	2.02	0.09
16-Jan-96	18.98	1.96	0.00	2.77	1.46	0.15
11-Apr-96	26.00	3.75	0.00	5.30	2	0.29
16-Jul-96	19.63	5.27	0.00	7.45	1.51	0.41
10-Oct-96	21.71	6.43	0.00	9.09	1.67	0.49
07-Jan-97	23.01	3.69	0.00	5.22	1.77	0.28
Mean	24.03	2.78	0.00	4.15	1.85	0.27
Std. Dev.	4.07	3.29	0.00	4.46	0.31	0.26

* Background reading

TABLE 4

ENERGY FUELS NUCLEAR, INC.
WHITE MESA MILL
DIRECT RADIATION
MR/QTR

Location: BHV-4, South Tailings Area

Period Ending	Total Exposure Rate	Counting Error	Net Exposure Rate *	Net Error	Total Rate Mr/week	Counting Error Mr/week
14-Jan-88	22.36	2.68	1.43	2.71	1.72	0.21
19-Apr-88	26.13	-1.68	1.95	3.03	2.01	-0.13
15-Jul-88	27.69	1.77	2.86	4.16	2.13	0.14
11-Oct-88	23.40	2.81	2.99	2.82	1.80	0.22
19-Jan-89	24.18	3.91	-0.13	6.04	1.86	0.30
08-May-89	32.50	0.61	2.34	4.45	2.5	0.05
21-Jul-89	29.64	-0.57	3.38	1.82	2.28	-0.04
30-Oct-89	21.97	-1.32	-0.78	8.48	1.69	-0.10
18-Jan-90	23.92	9.23	1.43	10.97	1.84	0.71
19-Apr-90	25.61	2.62	2.21	4.00	1.97	0.20
16-Jul-90	21.58	2.75	-2.73	3.62	1.66	0.21
01-Oct-90	23.66	0.25	0.00	0.25	1.82	0.02
02-Jan-91	24.83	1.74	-7.54	9.50	1.91	0.13
01-Apr-91	24.05	0.45	0.26	4.37	1.85	0.03
01-Jul-91	26.00	5.62	-5.59	5.83	2	0.43
30-Sep-91	23.40	2.37	-0.26	2.38	1.8	0.18
13-Jan-92	34.58	10.80	-2.86	12.55	2.66	0.83
10-Apr-92	25.74	1.02	-1.30	6.40	1.98	0.08
15-Jul-92	23.92	-0.64	-1.69	2.25	1.84	-0.05
01-Oct-92	29.64	6.90	7.15	8.13	2.28	0.53
04-Jan-93	28.73	8.73	-0.91	8.89	2.21	0.67
08-Apr-93	25.61	3.83	1.95	3.83	1.97	0.29
13-Jul-93	23.40	4.49	0.52	5.00	1.8	0.35
08-Oct-93	22.36	6.17	-2.47	6.68	1.72	0.47
13-Jan-94	29.51	5.80	-1.43	6.53	2.27	0.45
11-Apr-94	29.64	3.73	-1.82	6.18	2.28	0.29
11-Jul-94	27.17	6.82	3.12	6.91	2.09	0.52
11-Oct-94	23.53	3.98	1.56	4.80	1.81	0.31
12-Jan-95	23.14	10.37	-2.73	18.05	1.78	0.80
11-Apr-95	23.66	2.84	0.65	3.50	1.82	0.22
11-Jul-95	24.31	3.31	1.56	3.89	1.87	0.25
16-Oct-95	27.17	5.82	0.91	5.93	2.09	0.45
16-Jan-96	27.56	1.56	8.58	2.51	2.12	0.12
11-Apr-96	24.44	10.75	-1.56	11.39	1.88	0.83
16-Jul-96	18.98	1.57	-0.65	5.50	1.46	0.12
10-Oct-96	20.41	3.13	-1.30	7.15	1.57	0.24
07-Jan-97	23.79	1.79	0.78	4.10	1.83	0.14
Mean	25.08	3.29	0.24	5.02	1.87	0.31
Std. Dev.	3.85	4.24	5.89	4.71	0.45	0.34

* " - " means exposure is less than background site

TABLE 5

ENERGY FUELS NUCLEAR, INC.
WHITE MESA MILL
DIRECT RADIATION
MR/QTR

Location: BHV-5, East Tailings Area

Period Ending	Total Exposure Rate	Counting Error	Net Exposure Rate *	Net Error	Total Rate Mr/week	Counting Error Mr/week
14-Jan-88	26.13	-1.22	5.20	1.29	2.01	-0.09
19-Apr-88	27.30	3.82	3.12	4.58	2.10	0.29
15-Jul-88	29.64	2.07	4.81	4.30	2.28	0.16
11-Oct-88	23.53	1.51	3.12	1.52	1.81	0.12
19-Jan-89	25.74	6.21	1.43	7.73	1.98	0.48
08-May-89	32.11	4.91	1.95	6.60	2.47	0.38
21-Jul-89	31.98	0.93	5.72	1.96	2.46	0.07
30-Oct-89	27.04	6.88	4.29	10.84	2.08	0.53
18-Jan-90	28.08	4.03	5.59	7.17	2.16	0.31
19-Apr-90	27.69	2.62	4.29	4.00	2.13	0.20
16-Jul-90	25.35	2.35	1.04	3.32	1.95	0.18
01-Oct-90	25.87	1.85	2.21	1.85	1.99	0.14
02-Jan-91	27.69	9.94	-4.68	13.64	2.13	0.76
01-Apr-91	26.13	1.15	2.34	4.50	2.01	0.09
01-Jul-91	27.04	0.42	-4.55	1.62	2.08	0.03
30-Sep-91	26.00	2.97	2.34	2.97	2.00	0.23
13-Jan-92	37.18	9.20	-0.26	11.21	2.86	0.71
10-Apr-92	29.90	10.52	2.86	12.27	2.30	0.81
15-Jul-92	27.04	3.56	1.43	4.16	2.08	0.27
01-Oct-92	28.99	3.60	6.50	5.61	2.23	0.28
04-Jan-93	34.32	8.93	4.68	9.08	2.6	0.69
08-Apr-93	25.09	2.23	1.43	2.24	1.93	0.17
13-Jul-93	28.47	5.29	5.59	5.73	2.19	0.41
08-Oct-93	29.25	7.87	4.42	8.28	2.25	0.61
13-Jan-94	35.75	7.60	4.81	8.17	2.75	0.58
11-Apr-94	30.42	13.13	-1.04	14.03	2.34	1.01
11-Jul-94	30.42	1.12	6.37	1.58	2.34	0.09
11-Oct-94	28.34	4.58	6.37	5.31	2.18	0.35
12-Jan-95	20.02	14.87	-5.85	20.96	1.54	1.14
11-Apr-95	26.78	3.74	3.77	4.26	2.06	0.29
11-Jul-95	25.35	11.21	2.60	11.39	1.95	0.86
16-Oct-95	28.86	7.92	2.60	8.00	2.22	0.61
16-Jan-96	23.66	10.46	4.68	10.64	1.82	0.80
11-Apr-96	28.99	6.45	2.99	7.46	2.23	0.50
16-Jul-96	22.62	0.01	2.99	5.27	1.74	0.00
10-Oct-96	24.70	7.03	2.99	9.53	1.90	0.54
07-Jan-97	20.80	4.29	-2.21	5.66	1.60	0.33
Mean	26.11	4.10	2.07	5.48	2.01	0.39
Std. Dev.	5.23	4.05	4.90	4.67	0.40	0.30

* " - " means exposure is less than background site

TABLE 6

ENERGY FUELS NUCLEAR, INC.
WHITE MESA MILL
DIRECT RADIATION
MR/QTR

Location: BHV-2 VERSUS BHV-6, DUPLICATION

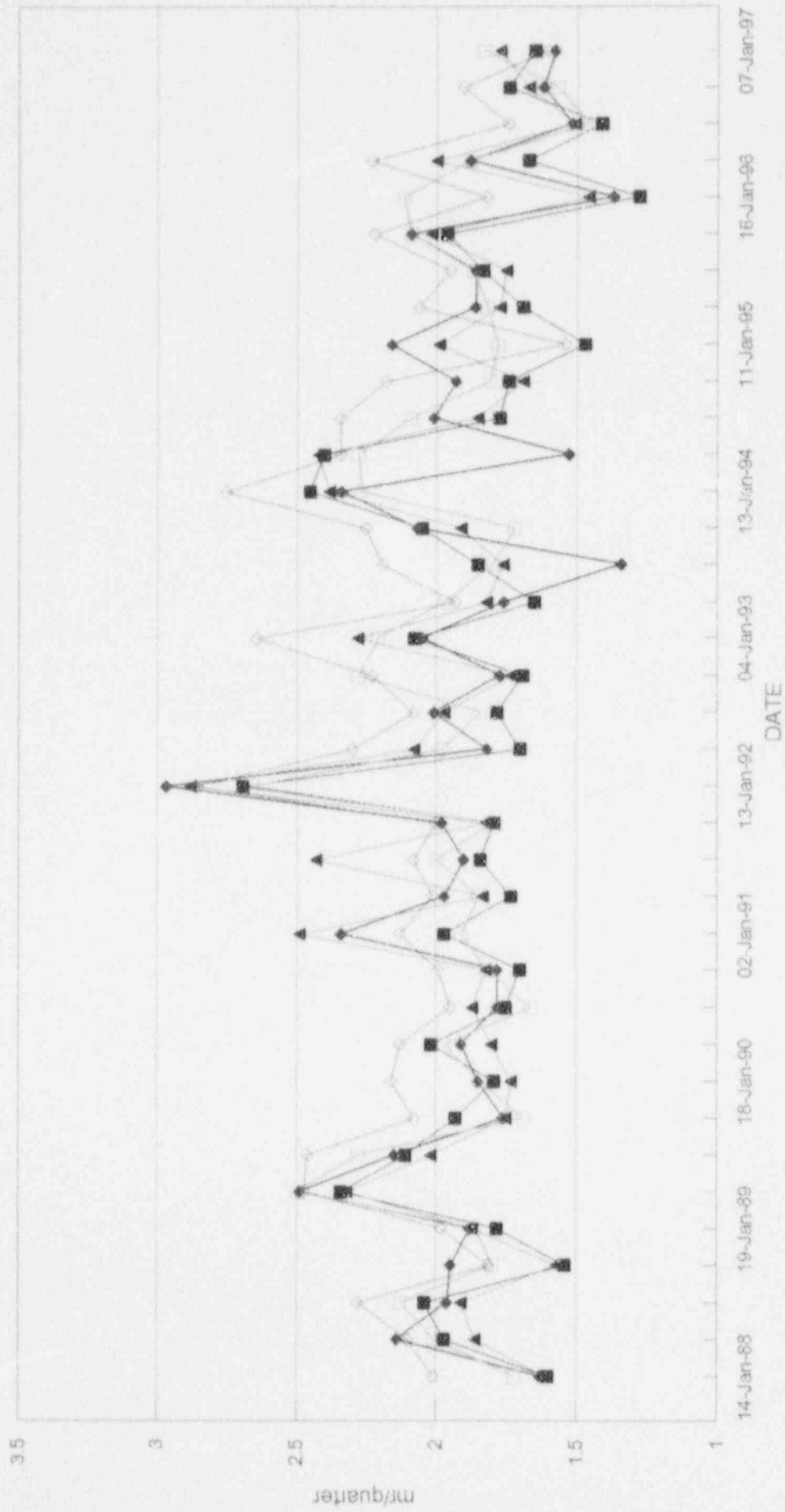
Period Ending	Total Exposure Rate	Counting Error	Net Exposure Rate *	Net Error	Total Rate Mr/week	Counting Error Mr/week
16-Jul-90	24.83	0.55	0.52	0.55	1.91	0.04
01-Oct-90	17.68	23.75	-5.98	23.75	1.36	1.83
02-Jan-91	29.51	1.74	-2.86	1.74	2.27	0.13
01-Apr-91	25.48	6.75	1.69	6.75	1.96	0.52
01-Jul-91	26.91	4.92	-4.68	4.92	2.07	0.38
30-Sep-91	23.27	2.97	-0.39	2.97	1.79	0.23
13-Jan-92	36.14	7.50	-1.30	7.50	2.78	0.58
10-Apr-92	23.79	4.82	-3.25	4.82	1.83	0.37
15-Jul-92	24.57	3.86	-1.04	3.86	1.89	0.30
01-Oct-92	22.88	7.50	0.39	7.50	1.76	0.58
04-Jan-93	29.64	8.33	0.00	8.33	2.28	0.64
08-Apr-93	28.73	3.03	5.07	4.77	2.21	0.23
13-Jul-93	20.93	1.39	-1.95	1.39	1.61	0.11
08-Oct-93	25.48	2.77	0.65	3.92	1.96	0.21
13-Jan-94	31.46	5.90	0.52	6.76	2.42	0.45
11-Apr-94	34.58	15.63	3.12	15.63	2.66	1.20
11-Jul-94	26.13	7.82	2.08	7.82	2.01	0.60
11-Oct-94	25.09	7.68	3.12	7.68	1.93	0.59
12-Jan-95	28.08	4.77	2.21	4.77	2.16	0.37
11-Apr-95	23.66	6.94	0.65	6.94	1.82	0.53
11-Jul-95	23.66	4.91	0.91	4.91	1.82	0.38
16-Oct-95	26.13	8.22	-0.13	8.22	2.01	0.63
16-Jan-96	18.33	4.96	-0.65	4.96	1.41	0.38
11-Apr-96	24.31	10.35	-1.69	10.35	1.87	0.80
16-Jul-96	18.46	1.47	-1.17	1.47	1.42	0.11
10-Oct-96	20.54	6.93	-1.17	6.93	.58	0.53
07-Jan-97	22.88	1.69	-0.13	1.69	1.76	0.13

Regression Output:

Constant	0.636
Std Err of Y Est	0.249
R Squared	0.46
No. of Observations	27
Degrees of Freedom	25
X Coefficient(s)	0.649
Std Err of Coef.	0.142

ENERGY FUELS NUCLEAR, INC.

Ambient Gamma Levels

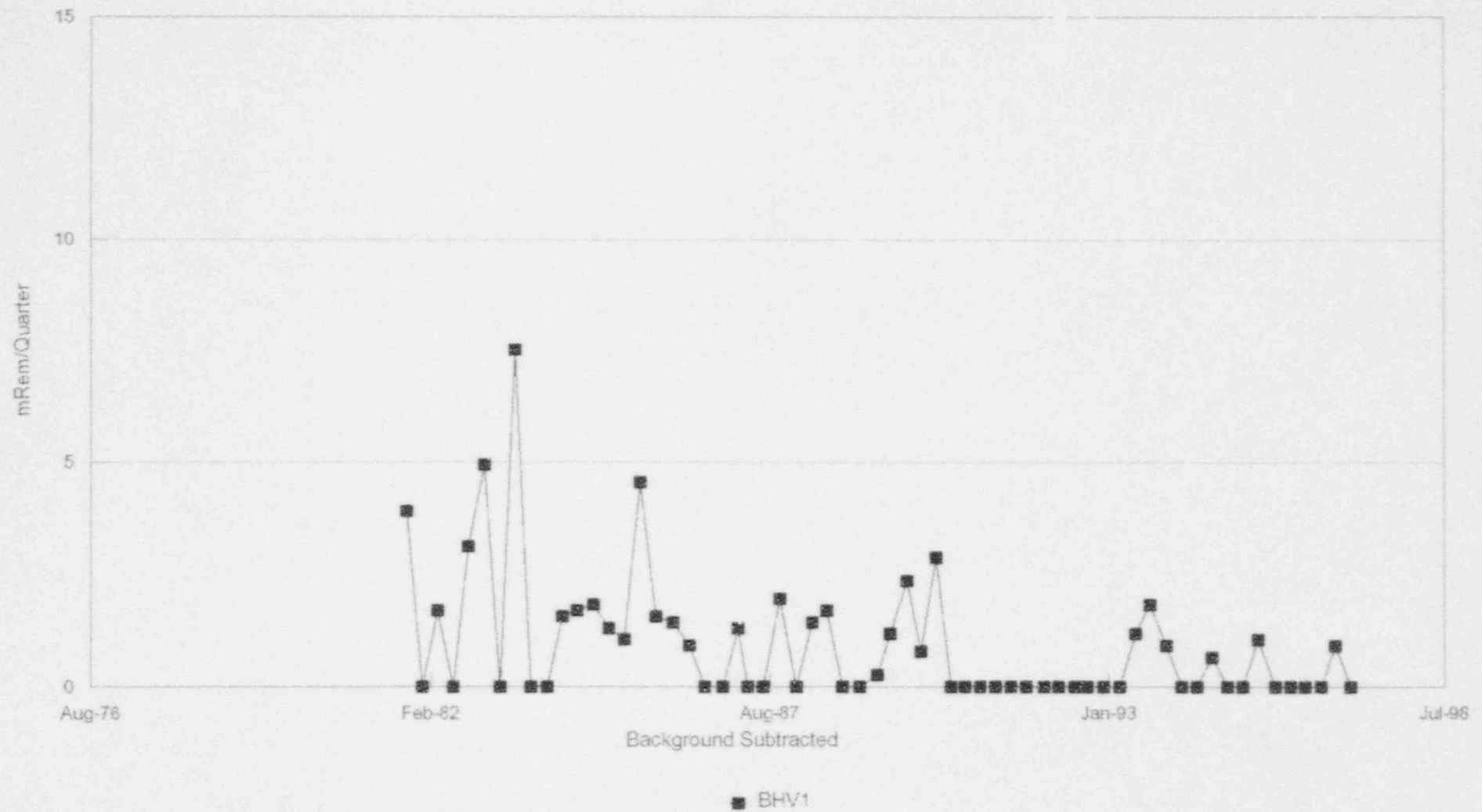


■ BHV-1 ◆ BHV-2 ▲ BHV-3 □ BHV-4 → BHV-5

GRAPH 1

ENERGY FUELS NUCLEAR, INC.

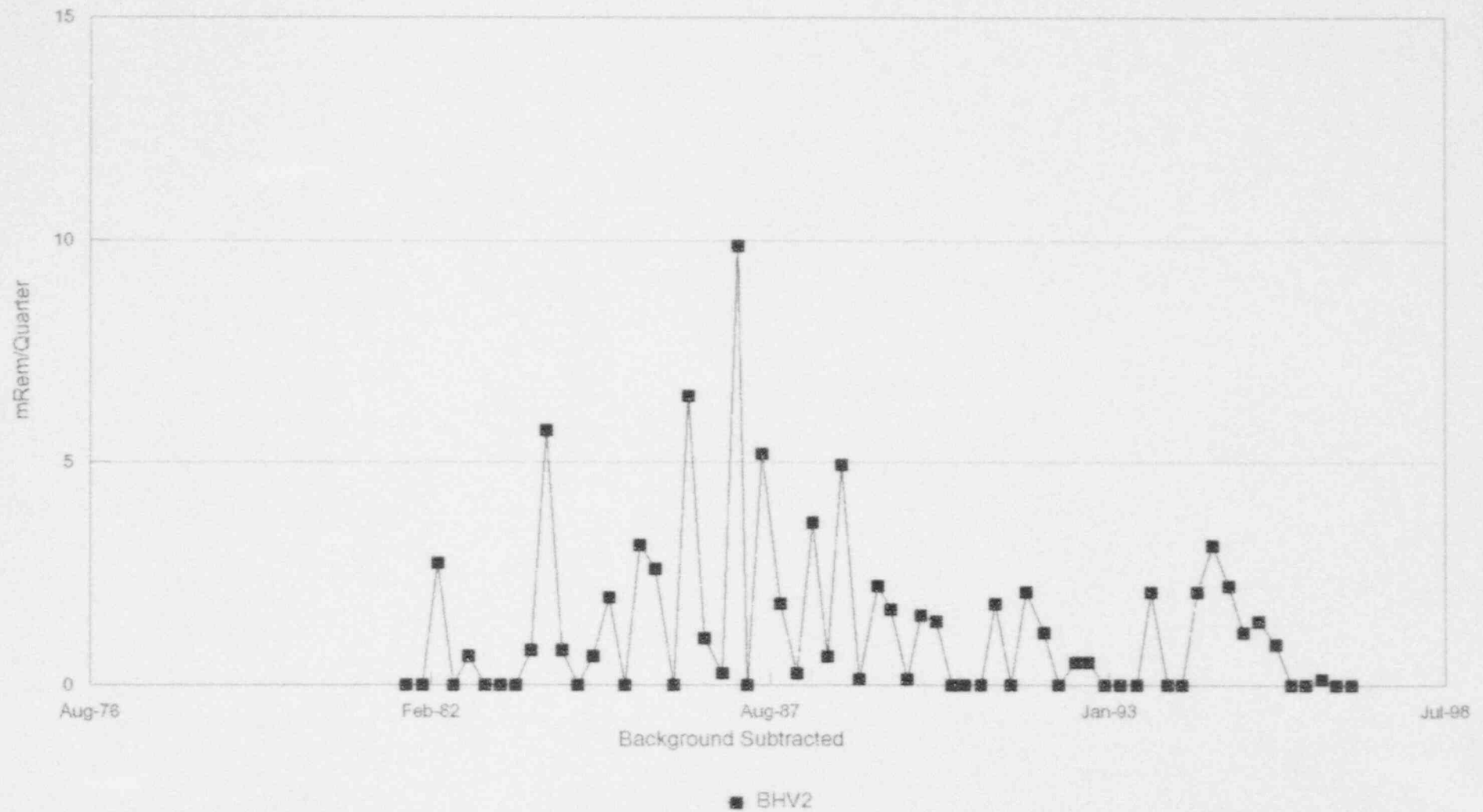
Ambient Gamma Levels



GRAPH 2

ENERGY FUELS NUCLEAR, INC.

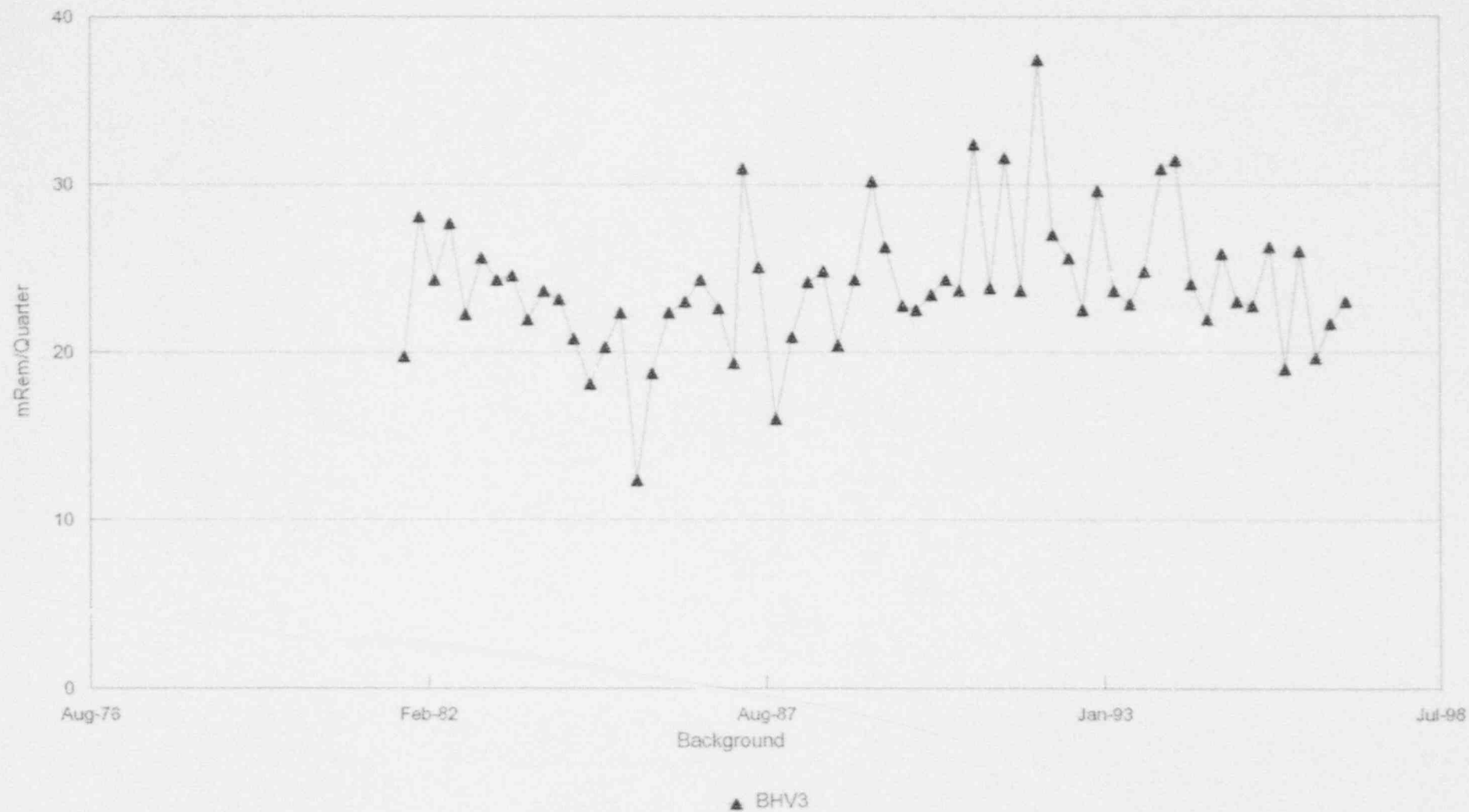
Ambient Gamma Levels



GRAPH 3

ENERGY FUELS NUCLEAR, INC.

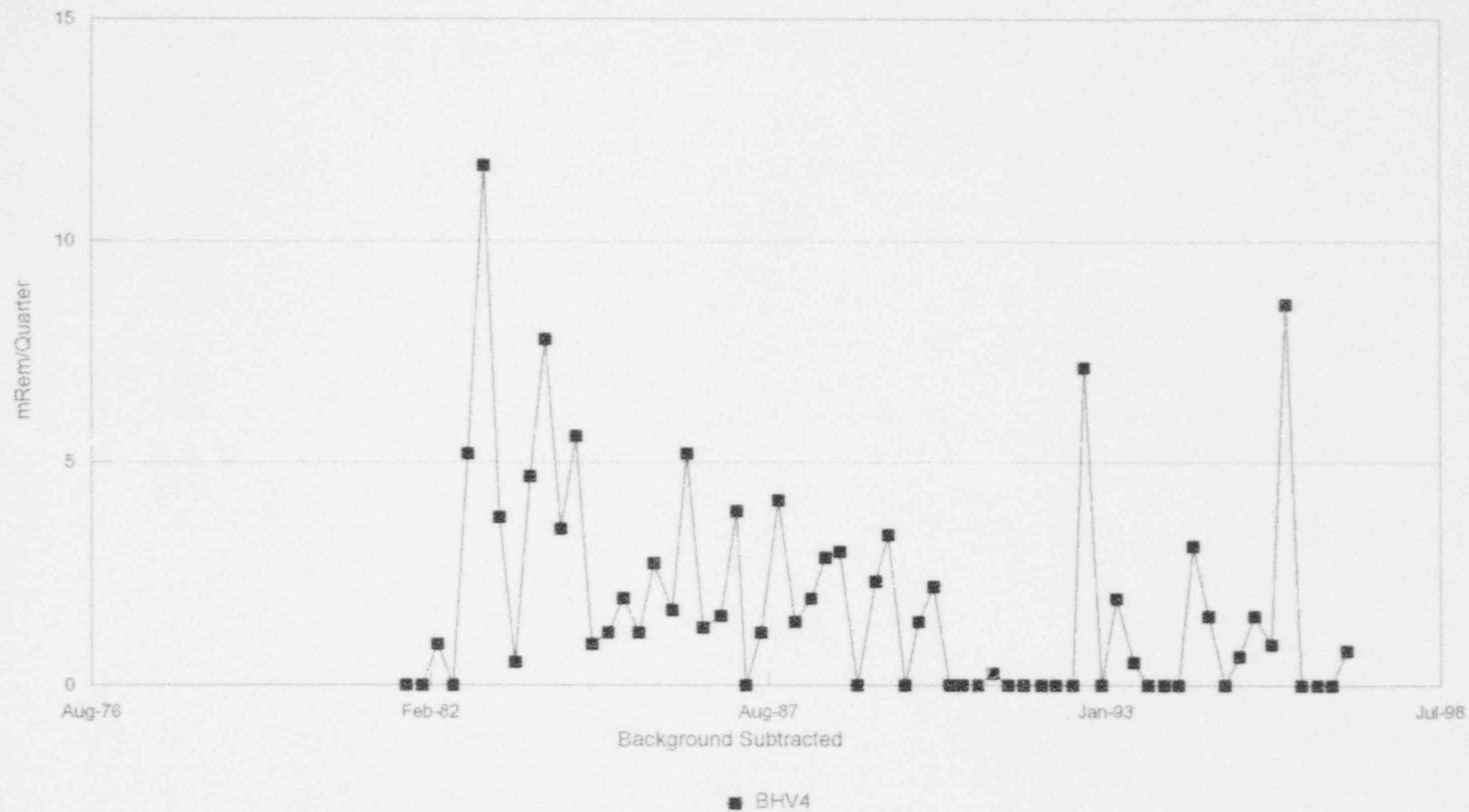
Ambient Gamma Levels



GRAPH 4

ENERGY FUELS NUCLEAR, INC.

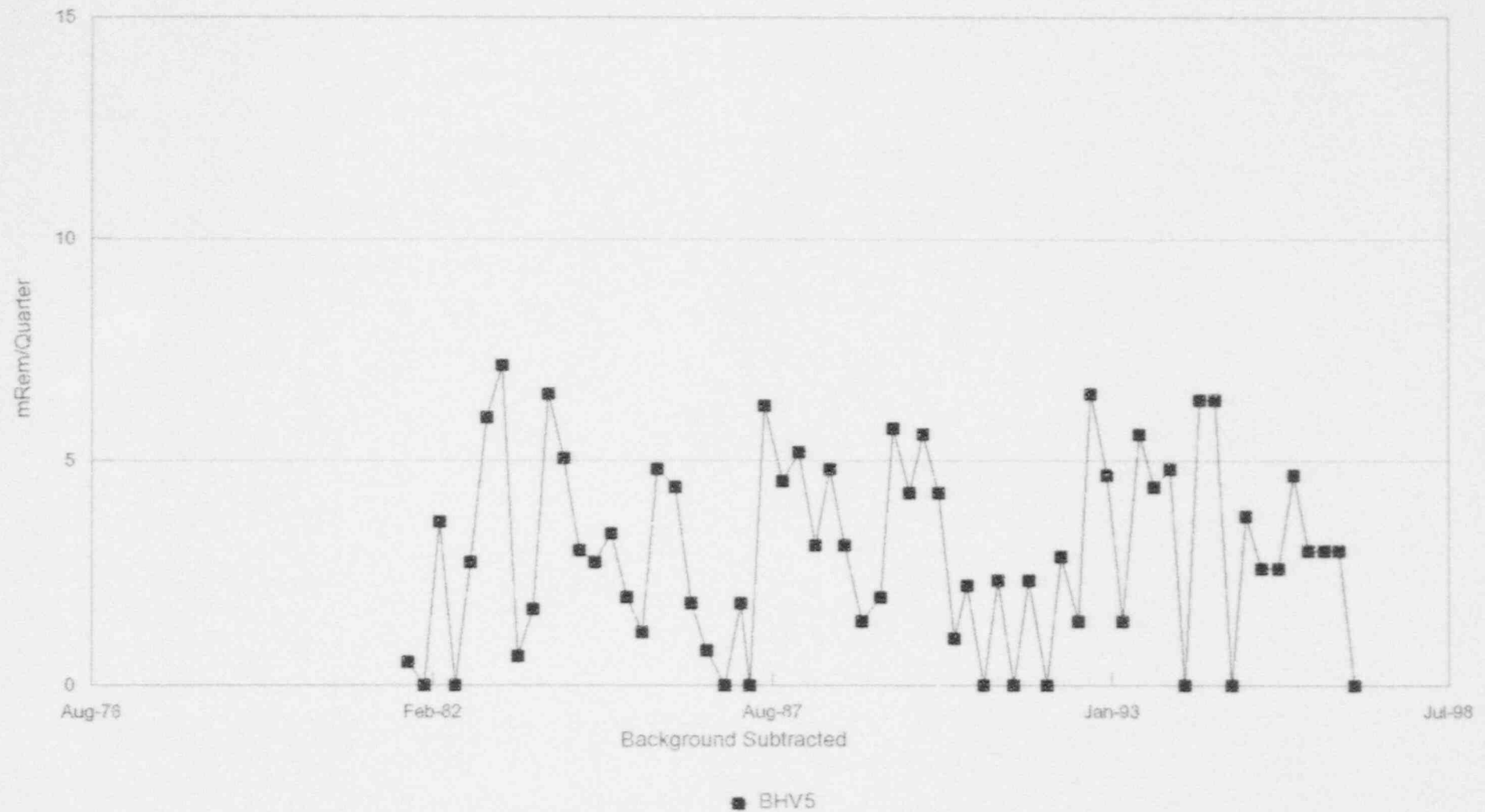
Ambient Gamma Levels



GRAPH 5

ENERGY FUELS NUCLEAR, INC.

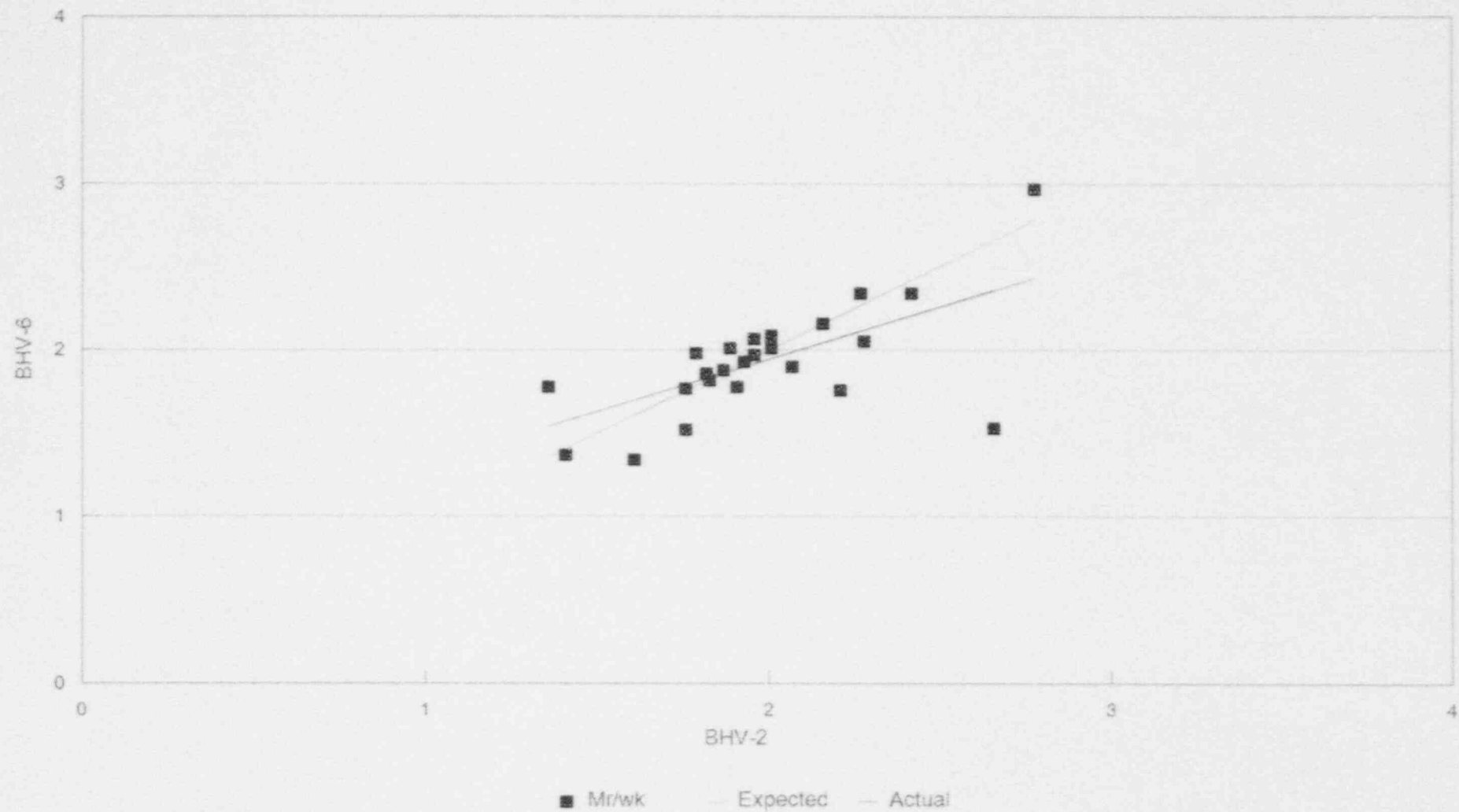
Ambient Gamma Levels



GRAPH 6

ENERGY FUELS NUCLEAR, INC.

Comparison of Duplicate Gamma Values



GRAPH 7

TABLE 7

ENERGY FUELS NUCLEAR, INC.
WHITE MESA MILL
FORAGE RADIONUCLIDE DATA
NORTH EAST OF MILL

19-Apr-88	4.50E-04	7.0E-05	5.0E-08	1.40E-03	1.0E-04	1.0E-06
28-Jul-88	3.20E-05	2.2E-05	5.0E-08	1.50E-04	4.4E-04	1.0E-06
07-Apr-89	5.60E-04	4.0E-05	***	1.10E-03	1.0E-01	***
06-Jun-89	1.50E-04	2.0E-05	***	2.30E-04	2.0E-05	***
07-Nov-89	6.00E-04	5.0E-05	7.0E-06	2.04E-03	7.0E-05	1.4E-05
17-Apr-90	2.60E-04	3.0E-05	4.0E-06	3.30E-04	2.0E-05	2.2E-05
20-Jun-90	1.80E-04	2.0E-05	5.0E-08	3.20E-04	2.0E-05	1.0E-06
17-Oct-90	1.60E-04	2.0E-05	5.0E-08	3.30E-04	2.0E-05	1.0E-06
10-Apr-91	1.20E-04	2.0E-05	5.0E-06	3.00E-04	2.0E-05	1.0E-06
11-Jun-91	9.10E-05	1.6E-05	2.0E-07	1.90E-04	2.0E-05	2.0E-07
20-Nov-91	4.50E-04	4.0E-05	5.0E-08	1.09E-03	5.0E-05	1.0E-06
22-Apr-92	3.60E-05	1.0E-05	2.0E-06	1.50E-04	2.0E-05	1.0E-05
10-Jun-92	1.00E-05	7.0E-06	2.0E-07	7.50E-05	2.0E-05	1.0E-06
10-Jun-92	7.90E-05	3.5E-05	3.0E-06	7.10E-04	7.0E-05	2.0E-05
13-Apr-93	3.70E-05	2.2E-05	3.0E-06	2.80E-04	3.0E-05	2.0E-05
26-Jun-93	3.00E-05	1.5E-05	3.0E-06	4.30E-05	3.5E-05	2.0E-05
12-Oct-93	6.60E-05	2.7E-05	3.0E-06	5.30E-04	6.0E-05	2.0E-05
11-May-94	1.80E-04	4.0E-05	3.0E-05	4.40E-04	6.0E-05	2.0E-04
19-Jul-94	1.71E-05	1.2E-06	9.0E-08	3.00E-05	6.1E-06	4.5E-06
28-Nov-94	2.40E-04	1.5E-05	1.7E-07	1.70E-04	1.1E-05	8.3E-07
11-Apr-95	6.70E-05	5.4E-06	1.6E-07	1.40E-04	1.3E-05	7.9E-07
06-Jul-95	1.50E-05	1.5E-06	1.5E-07	5.10E-05	4.5E-06	7.6E-07
15-Nov-95	5.50E-05	5.0E-06	1.8E-07	6.70E-05	1.0E-05	8.8E-07
23-Apr-96	5.20E-05	2.5E-06	1.5E-07	3.20E-05	4.5E-06	1.8E-07
14-Nov-96	3.00E-05	2.5E-06	1.8E-07	1.40E-04	7.1E-06	9.3E-07

# OBSERVED	44	44	44	44	44	44
MINIMUM	2.67E-06	1.1E-06	2.00E-09	3.00E-05	4.5E-06	4.00E-08
MAXIMUM	1.05E-03	2.0E-04	3.00E-05	7.82E-03	1.0E-01	2.00E-04
MEAN	2.31E-04	2.5E-05	2.10E-06	9.08E-04	2.4E-03	2.39E-05
STD. DEV.	2.42E-04	3.1E-05	4.64E-06	1.34E-03	1.5E-02	5.19E-05

*2nd quarter 1996 we were declared a disaster due to drought and no samples were taken

TABLE 8

ENERGY FUELS NUCLEAR, INC.
WHITE MESA MILL
FORAGE RADIONUCLIDE DATA
NORTH WEST OF MILL

19-Apr-88	2.60E-04	5.0E-05	5.0E-08	1.90E-03	1.0E-04	1.0E-06
28-Jul-88	3.10E-05	1.9E-05	5.0E-08	1.60E-04	4.0E-05	1.0E-06
07-Apr-89	6.20E-04	5.0E-05	***	1.70E-03	1.0E-04	***
06-Jun-89	3.40E-04	3.0E-05	***	7.40E-04	3.0E-05	***
07-Nov-89	5.10E-04	6.0E-05	7.0E-06	1.00E-03	7.0E-05	1.4E-05
18-Apr-90	3.60E-04	3.0E-05	4.0E-06	4.80E-04	2.0E-05	2.2E-05
26-Jun-90	1.70E-04	2.0E-05	5.0E-08	3.20E-04	2.0E-05	1.0E-06
22-Oct-90	8.80E-05	1.6E-05	5.0E-08	2.90E-04	2.0E-05	1.0E-06
10-Apr-91	3.00E-04	3.0E-05	5.0E-06	4.10E-04	2.0E-05	1.0E-06
11-Jun-91	3.10E-04	3.0E-05	2.0E-07	4.70E-04	2.0E-05	2.0E-07
20-Nov-91	5.00E-04	4.0E-05	5.0E-08	1.50E-03	1.0E-04	1.0E-06
22-Apr-92	2.00E-05	8.0E-06	2.0E-06	9.60E-05	1.4E-05	1.0E-05
10-Jun-92	6.50E-06	6.0E-06	2.0E-06	1.20E-04	2.0E-05	1.0E-06
08-Dec-92	1.20E-04	4.0E-05	3.0E-06	1.21E-03	8.0E-05	2.0E-05
13-Apr-93	1.80E-05	1.7E-05	3.0E-06	2.10E-04	3.0E-05	2.0E-05
26-Jun-93	5.20E-05	1.9E-05	3.0E-06	1.70E-05	3.6E-05	2.0E-05
21-Oct-93	5.10E-05	2.3E-05	3.0E-06	7.10E-04	6.0E-05	2.0E-05
11-May-94	1.20E-04	1.0E-05	3.0E-05	9.80E-04	1.6E-04	2.0E-04
19-Jul-94	3.73E-05	1.6E-06	8.4E-08	7.80E-05	7.1E-06	4.2E-07
16-Nov-94	2.40E-04	1.5E-05	1.7E-07	2.60E-04	1.3E-05	8.3E-07
12-Apr-95	8.40E-05	6.1E-06	1.5E-07	1.20E-04	1.1E-05	7.5E-05
06-Jul-95	1.90E-05	1.5E-06	1.4E-07	4.50E-05	4.3E-06	7.2E-07
29-Nov-95	1.20E-04	6.8E-06	1.4E-07	1.00E-05	5.8E-06	7.1E-07
22-Apr-96	8.30E-05	3.3E-06	1.9E-07	6.80E-05	6.3E-06	1.8E-07
14-Nov-96	3.60E-05	2.5E-06	1.6E-07	8.50E-05	5.6E-06	8.4E-07

# OBSERVED	44	44	44	44	44	44
MINIMUM	2.36E-06	9.5E-07	3.00E-09	1.00E-05	4.3E-06	3.00E-08
MAXIMUM	2.73E-03	1.6E-04	3.00E-05	7.10E-03	3.4E-04	3.00E-04
MEAN	2.72E-04	2.6E-05	2.14E-06	1.03E-03	6.6E-05	2.36E-05
STD. DEV.	4.29E-04	3.1E-05	4.65E-06	1.39E-03	7.4E-05	5.38E-05

*2nd quarter of 1996 we were declared a disaster area due to drought, no samples were taken

TABLE 9

ENERGY FUELS NUCLEAR, INC.
WHITE MESA MILL
FORAGE RADIONUCLIDE DATA
SOUTH WEST OF MILL

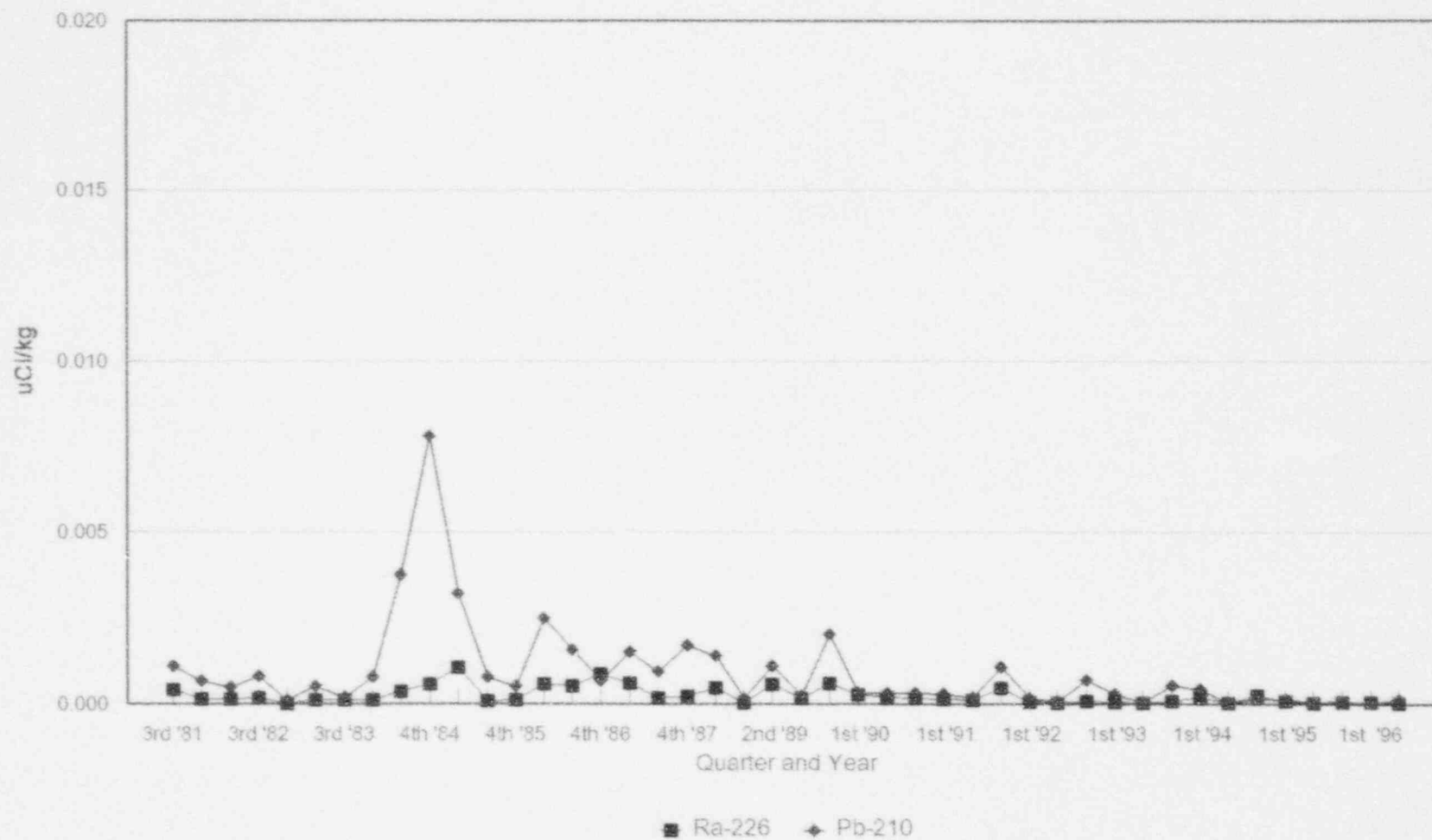
SAMPLED DATE	Ra-226 VALUE uCi/Kg	Ra-226 ERROR uCi/Kg	LLD uCi/Kg 5.00E-08	Pb-210 VALUE uCi/Kg	Pb-210 ERROR uCi/Kg	LLD uCi/Kg 1.00E-06
19-Apr-88	2.30E-04	5.0E-05	5.0E-08	2.90E-03	1.0E-04	1.0E-06
28-Jul-88	1.50E-04	3.0E-05	5.0E-08	4.30E-03	2.0E-04	1.0E-06
07-Apr-89	3.10E-04	4.0E-05	***	4.20E-03	1.0E-04	***
06-Jun-89	1.30E-04	2.0E-05	***	1.50E-03	1.0E-04	***
07-Nov-89	4.30E-04	5.0E-05	1.4E-05	3.50E-03	1.4E-04	2.7E-05
28-Mar-90	2.50E-04	3.0E-05	5.0E-06	2.39E-03	5.0E-05	2.5E-05
13-Jun-90	1.10E-04	2.0E-05	5.0E-08	6.60E-04	3.0E-05	1.0E-06
23-Oct-90	6.10E-05	1.4E-05	5.0E-08	6.10E-04	3.0E-05	1.0E-06
10-Apr-91	3.40E-05	1.1E-05	5.0E-06	2.20E-04	1.0E-05	1.0E-06
11-Jun-91	8.00E-05	6.0E-06	2.0E-07	1.20E-04	1.0E-05	2.0E-07
20-Nov-91	6.50E-05	1.4E-05	5.0E-08	9.10E-04	5.0E-05	1.0E-06
22-Apr-92	1.60E-05	7.0E-06	2.0E-06	3.20E-04	2.0E-05	1.0E-05
10-Jun-92	1.90E-05	1.0E-05	2.0E-07	2.20E-04	2.0E-05	1.0E-06
08-Dec-92	1.60E-05	1.8E-05	3.0E-06	7.60E-04	6.0E-05	2.0E-05
13-Apr-93	2.60E-05	2.0E-05	3.0E-06	3.40E-04	3.0E-05	2.0E-05
27-Jun-93	3.00E-05	1.4E-05	3.0E-06	0.00E+00	3.0E-05	2.0E-05
27-Oct-93	3.10E-05	1.6E-05	3.0E-06	4.20E-04	6.0E-05	2.0E-05
01-May-94	2.00E-05	5.0E-06	3.0E-05	3.90E-04	8.0E-05	2.0E-04
19-Jul-94	1.75E-05	1.7E-06	7.6E-08	1.30E-04	7.8E-06	3.8E-07
16-Nov-94	1.00E-04	9.0E-06	1.5E-07	2.60E-04	1.2E-05	7.4E-07
05-Apr-95	1.70E-05	1.5E-06	1.6E-07	1.60E-04	1.5E-05	8.1E-07
07-Jul-95	6.40E-06	6.0E-07	1.4E-07	4.40E-05	4.2E-06	7.0E-07
09-Nov-95	2.30E-05	2.2E-06	1.7E-07	6.60E-05	9.6E-06	8.3E-07
24-Apr-96	4.20E-05	2.2E-06	1.7E-07	1.00E-04	6.7E-06	1.8E-07
14-Nov-96	2.1E-05	2E-06	1.6E-07	1.9E-04	7.3E-06	8.2E-07

# OBSERVED	44	44	44	44	44	44
MINIMUM	6.40E-06	1.60E-07	0.00E+00	0.00E+00	4.00E-06	0.00E+00
MAXIMUM	9.50E-04	1.48E-04	3.00E-05	1.65E-02	7.20E-04	3.00E-04
MEAN	1.65E-04	2.02E-05	2.35E-06	1.62E-03	9.51E-05	2.63E-05
STD. DEV.	1.99E-04	2.6E-05	4.99E-06	2.66E-03	1.5E-04	5.60E-05

*2nd quarter of 1996 we were declared a disaster area due to drought, no samples were taken

ENERGY FUELS NUCLEAR, INC.

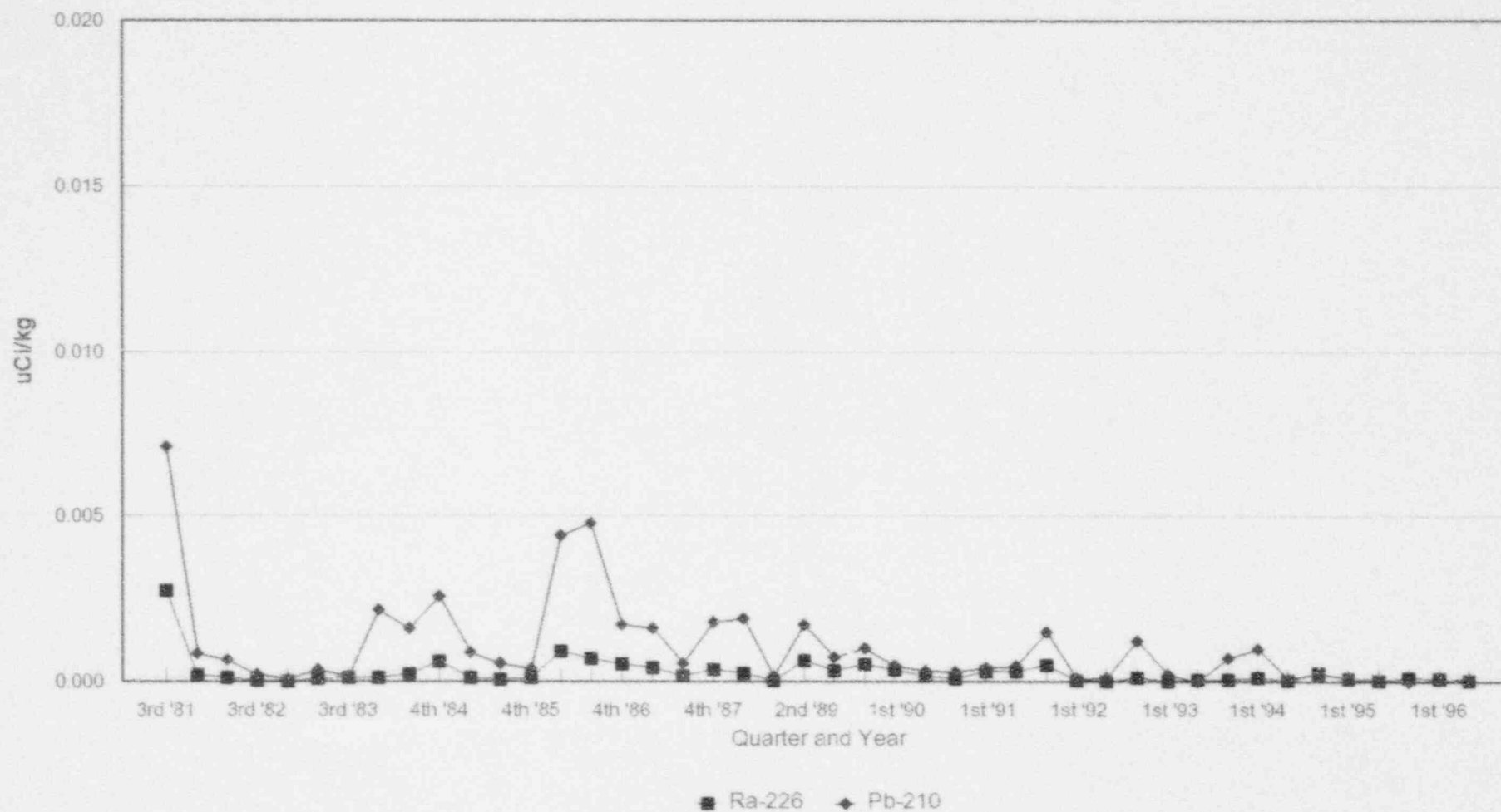
Forage Radionuclide- North East of Mill



GRAPH 8

ENERGY FUELS NUCLEAR, INC.

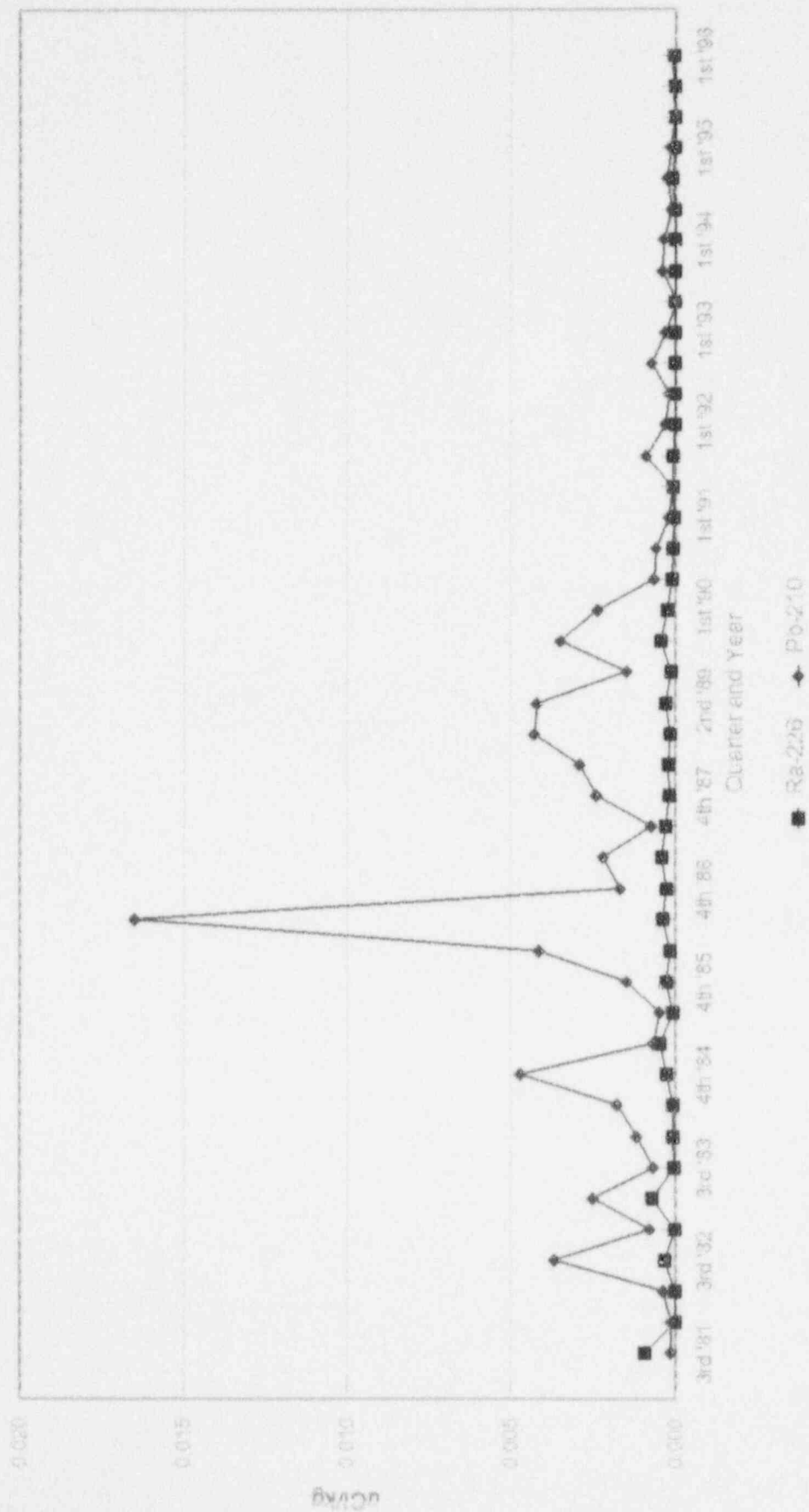
Forage Radionuclide- North West of Mill



GRAPH 9

ENERGY FUELS NUCLEAR, INC.

Forge Radionuclide- South West of Mill



GRAPH 10

TABLE 10
ENERGY FUELS NUCLEAR, INC.
WHITE MESA MILL
AMBIENT AIR RADIONUCLIDE PARTICULATES
μCi/ml
Location BHV-1

Current Quarter	1st	2nd	3rd	4th
% time operated	97.1%	97.3%	97.0%	92.7%
Air Volume, SCF x 1e6	4.10	4.14	4.05	3.82

PERIOD ENDING	URANIUM NAT				THORIUM-230				RADIUM-226				LEAD-210			
	GROSS CONC	LLD (1E-16)	% MPC*		GROSS CONC	COUNTING ERROR	LLD (1E-16)	% MPC*	GROSS CONC	COUNTING ERROR	LLD (1E-16)	% MPC*	GROSS CONC	COUNTING ERROR	LLD (2E-15)	% MPC*
16-Feb-88	1.07E-15	5E-18	2.14E-02		1.47E-16	5.00E-17	2E-17	4.90E-02	4.44E-16	5.00E-17	3E-17	2.22E-02	4.01E-14	2.00E-16	5E-17	5.01E-01
18-May-88	1.98E-15	3E-18	3.96E-02		1.25E-15	1.00E-16	2E-17	4.17E-01	6.40E-16	7.00E-17	1E-17	3.20E-02	1.07E-14	1.00E-16	3E-17	1.34E-01
15-Aug-88	2.06E-15	3E-18	4.12E-02		3.41E-15	2.00E-16	1E-17	1.14E+00	5.08E-16	6.00E-17	2E-17	2.54E-02	1.62E-14	3.00E-16	2E-17	2.03E-01
14-Nov-88	3.94E-15	3E-18	7.88E-02		2.12E-15	1.00E-16	1E-17	7.07E-01	1.01E-15	5.00E-17	1E-17	5.06E-02	2.47E-14	1.00E-16	3E-17	3.09E-01
13-Feb-89	1.99E-15	4E-17	3.98E-02		5.73E-16	7.88E-17	1E-16	1.91E-01	5.99E-16	3.49E-17	2E-16	3.00E-02	1.23E-14	2.36E-16	5E-16	4.04E-01
15-May-89	1.70E-15	7E-18	3.40E-02		6.32E-16	7.00E-17	7E-18	2.11E-01	5.86E-16	5.00E-17	7E-18	2.93E-02	6.16E-15	1.00E-16	3E-17	7.70E-02
14-Aug-89	2.31E-15	2E-18	4.62E-02		2.31E-16	3.00E-17	8E-18	7.70E-02	1.77E-16	5.00E-17	8E-18	8.85E-03	7.65E-15	1.00E-16	4E-17	9.56E-02
13-Nov-89	4.72E-15	2E-17	9.44E-02		1.71E-15	2.00E-16	3E-18	5.70E-01	1.52E-15	2.00E-16	8E-18	7.61E-02	1.89E-14	3.00E-16	2E-17	2.37E-01
12-Feb-90	3.44E-16	3E-18	6.88E-03		8.39E-16	1.00E-16	6E-18	2.80E-01	8.31E-16	6.00E-17	2E-17	4.16E-02	2.57E-14	3.00E-16	5E-17	3.21E-01
14-May-90	3.03E-15	1E-16	6.06E-02		1.47E-15	2.00E-16	1E-16	4.90E-01	1.34E-15	1.00E-15	1E-16	5.20E-02	1.79E-14	3.00E-16	2E-16	2.24E-01
13-Aug-90	1.64E-15	1E-16	3.28E-02		1.49E-15	7.00E-17	1E-16	4.97E-01	3.34E-16	5.00E-17	1E-16	1.67E-02	8.27E-15	2.00E-16	2E-16	1.03E-01
12-Nov-90	1.48E-15	1E-16	2.96E-02		7.50E-16	1.10E-16	1E-16	2.50E-01	5.80E-16	7.00E-17	1E-16	2.90E-02	2.16E-14	4.00E-16	2E-16	2.70E-01
11-Feb-91	1.90E-16	1E-16	3.80E-03		3.48E-17	2.10E-17	1E-16	1.16E-02	7.91E-17	2.30E-17	1E-16	3.96E-03	3.79E-14	1.00E-15	2E-16	4.74E-01
13-May-91	3.42E-16	1E-16	6.84E-03		1.34E-15	1.00E-16	1E-16	4.47E-01	7.39E-16	9.00E-17	1E-16	3.70E-02	1.46E-14	1.00E-15	2E-15	1.83E-01
12-Aug-91	2.77E-16	1E-16	5.54E-03		4.17E-17	8.00E-18	1E-16	1.39E-02	1.45E-16	7.00E-17	1E-16	7.25E-03	1.80E-14	3.00E-16	2E-15	2.25E-01
11-Nov-91	6.65E-17	1E-16	1.33E-03		9.13E-17	3.00E-17	2E-17	3.04E-02	2.77E-17	2.00E-17	2E-17	1.39E-03	1.06E-14	2.00E-16	1E-16	1.33E-01
10-Feb-92	1.94E-16	1E-16	3.88E-03		4.24E-18	3.00E-17	2E-17	1.41E-03	4.08E-17	2.20E-17	2E-17	2.04E-03	3.51E-14	6.00E-17	1E-16	4.39E-01
11-May-92	2.54E-16	1E-16	5.08E-03		6.49E-16	5.00E-17	2E-19	2.16E-01	6.86E-17	4.00E-17	2E-19	3.43E-03	1.38E-14	2.00E-16	1E-18	1.73E-01
10-Aug-92	1.73E-16	2E-18	3.46E-03		1.55E-16	4.00E-17	4E-18	5.17E-02	1.20E-16	6.00E-17	2E-18	6.00E-03	1.53E-14	2.00E-16	2E-17	1.91E-01
09-Nov-92	1.56E-16	3E-18	3.12E-03		3.19E-17	2.10E-17	4E-18	1.06E-02	4.90E-18	2.20E-17	3E-18	2.45E-04	1.86E-14	2.00E-16	2E-17	2.33E-01
09-Feb-93	2.10E-16	1E-18	4.20E-03		0.00E+00	4.60E-17	4E-18	0.00E+00	3.89E-17	7.30E-17	3E-18	1.95E-03	2.52E-14	4.00E-16	2E-17	3.15E-01
10-May-93	0.00E+00	3E-18	0.00E+00		4.11E-17	3.60E-17	4E-18	1.37E-02	6.43E-17	4.00E-17	3E-18	3.22E-03	1.26E-14	2.00E-16	2E-17	1.58E-01
10-Aug-93	2.30E-16	2E-18	4.60E-03		6.00E-17	5.00E-17	4E-18	2.00E-02	6.43E-17	8.10E-17	3E-18	3.22E-03	1.60E-14	2.00E-16	2E-17	2.00E-01
08-Nov-93	0.00E+00	2E-18	0.00E+00		0.00E+00	5.60E-17	4E-18	0.00E+00	0.00E+00	1.00E-16	3E-18	0.00E+00	1.57E-14	3.00E-16	2E-17	1.96E-01
07-Feb-94	1.82E-16	3E-21	3.03E-01		5.00E-18	6.00E-17	4E-18	1.67E-02	4.30E-17	1.60E-16	3E-18	4.78E-03	2.59E-14	5.00E-16	2E-17	4.32E+00
09-May-94	3.60E-16	2E-17	6.00E-01		2.70E-16	1.10E-16	4E-17	9.00E-01	2.87E-16	1.00E-16	3E-17	3.19E-02	1.60E-14	3.00E-16	2E-16	2.67E+00
09-Aug-94	4.04E-16	1E-16	6.73E-01		2.70E-16	8.71E-17	1E-16	9.00E-01	2.94E-16	2.90E-17	1E-16	3.27E-02	2.00E-15	1.90E-16	2E-15	3.33E-01
07-Nov-94	9.18E-17	1E-16	1.53E-01		3.80E-16	4.42E-17	1E-16	1.20E+00	2.91E-16	2.45E-17	1E-16	3.23E-02	2.00E-15	7.61E-17	2E-15	3.33E-01
07-Feb-95	1.77E-16	1E-16	2.95E-01		9.70E-17	1.00E-16	1E-16	3.23E-01	9.70E-17	1.00E-16	1E-16	1.08E-02	8.60E-15	3.76E-16	1E-16	1.43E+00
09-May-95	9.40E-17	1E-22	1.57E-01		5.36E-16	4.39E-17	1E-16	1.79E+00	1.60E-15	7.17E-17	1E-16	1.78E-01	3.84E-15	2.05E-16	1E-16	6.40E-01
09-Aug-95	2.70E-16	1E-16	4.50E-01		1.60E-16	1.50E-17	1E-16	5.33E-01	2.76E-16	4.68E-17	1E-16	3.07E-02	3.76E-15	2.68E-16	2E-15	6.27E-01
11-Nov-95	4.80E-15	1E-16	8.00E+00		6.41E-16	5.75E-17	2E-16	2.14E+00	8.93E-16	4.24E-16	2E-16	9.92E-02	5.20E-15	2.40E-16	1E-15	8.67E-01
05-Feb-96	5.34E-15	1E-16	8.90E+00		2.30E-15	1.30E-16	1E-16	7.67E+00	1.30E-15	7.80E-17	1E-16	1.44E-01	4.20E-15	3.04E-16	1E-16	7.00E-01
06-May-96	5.11E-16	1E-16	8.52E-01		3.06E-16	2.90E-17	1E-16	1.02E+00	1.40E-16	9.67E-18	1E-16	1.56E-02	7.03E-15	5.54E-16	1E-16	1.17E+00
05-Aug-96	5.99E-16	1E-16	9.98E-01		1.55E-15	7.65E-17	1E-16	5.17E+00	2.03E-16	2.83E-17	1E-16	2.26E-02	5.94E-15	3.05E-16	1E-16	9.90E-01
06-Nov-96	3.38E-16	1E-16	5.63E-01		5.45E-16	4.65E-17	1E-16	1.82E+00	1.00E-16	NA	1E-16	1.11E-02	1.22E-14	4.53E-16	1E-16	2.03E+00

*1/1/94 Derived air concentrations were implemented as per 10 CFR 20

TABLE 11
ENERGY FUELS NUCLEAR, INC.
WHITE MESA MILL
AMBIENT AIR RADIONUCLIDE PARTICULATES
 $\mu\text{Ci/ml}$
LOCATION BHV-2

Current Quarter	1st	2nd	3rd	4th
% time operated	100.1%	98.5%	94.6%	89.3%
Air Volume, SCF x 1e6	4.23	4.19	3.91	3.82

PERIOD ENDING	URANIUM NAT				THORIUM-230				RADIUM-226				LEAD-210			
	GROSS CONC.	LLD (1E-16)	% MPC		GROSS CONC.	COUNTING ERROR	LLD (1E-16)	% MPC	GROSS CONC.	COUNTING ERROR	LLD (1E-16)	% MPC	GROSS CONC.	COUNTING ERROR	LLD (2E-15)	% MPC
18-Feb-88	2.78E-15	5E-18	5.56E-02		2.31E-17	5.00E-17	2E-17	7.70E-03	1.20E-16	3.00E-17	3E-17	6.00E-03	3.55E-14	2.00E-16	5E-17	4.44E-01
18-May-88	4.63E-16	3E-18	9.26E-03		1.49E-16	5.00E-17	2E-17	4.97E-02	2.30E-16	6.00E-17	2E-17	1.15E-02	1.18E-14	2.00E-16	4E-17	1.48E-01
15-Aug-88	8.06E-16	3E-18	1.61E-02		8.69E-16	1.50E-16	1E-17	2.90E-01	1.80E-16	4.00E-17	2E-17	9.00E-03	1.42E-14	2.00E-16	2E-17	1.78E-01
14-Nov-88	4.34E-16	3E-18	8.68E-03		6.76E-16	6.00E-17	1E-17	2.25E-01	1.57E-16	3.00E-17	1E-17	7.85E-03	2.25E-14	2.00E-16	3E-17	2.81E-01
13-Feb-89	5.80E-16	4E-17	1.16E-02		2.85E-16	3.09E-17	4E-17	9.50E-02	1.55E-16	2.32E-17	2E-16	7.75E-03	2.80E-14	2.32E-16	5E-16	3.50E-01
15-May-89	5.06E-16	7E-18	1.01E-02		2.28E-16	7.00E-17	7E-18	7.60E-02	1.63E-16	3.00E-17	7E-18	8.15E-03	6.05E-15	1.00E-16	4E-17	7.56E-02
14-Aug-89	4.71E-16	2E-18	9.42E-03		9.60E-16	8.00E-17	8E-18	3.20E-01	1.26E-15	1.00E-16	8E-18	6.30E-02	6.65E-15	1.00E-16	4E-17	8.31E-02
13-Nov-89	1.14E-15	2E-17	2.27E-02		4.08E-16	6.00E-17	3E-18	1.36E-01	4.18E-16	6.00E-17	7E-18	2.09E-02	1.59E-14	3.00E-16	2E-17	1.99E-01
12-Feb-90	1.09E-15	4E-18	2.18E-02		3.25E-16	7.00E-17	7E-18	1.08E-01	3.74E-16	9.00E-17	3E-17	1.87E-02	1.98E-14	3.00E-16	5E-17	2.48E-01
14-May-90	9.32E-16	1E-16	1.86E-02		5.27E-16	1.00E-16	1E-16	1.76E-01	3.97E-16	1.00E-16	1E-16	1.99E-02	1.69E-14	3.00E-16	2E-16	2.11E-01
13-Aug-90	1.66E-16	1E-16	3.32E-03		5.49E-16	3.00E-17	1E-16	1.83E-01	4.75E-17	2.00E-17	1E-16	2.38E-03	1.27E-15	2.00E-16	2E-16	1.59E-02
12-Nov-90	6.05E-16	1E-16	1.21E-02		2.64E-16	6.00E-17	1E-16	8.80E-02	1.93E-16	4.00E-17	1E-16	9.65E-03	2.25E-14	3.00E-16	2E-16	2.81E-01
11-Feb-91	6.72E-17	1E-16	1.74E-03		7.00E-18	1.60E-17	1E-16	2.33E-03	3.33E-17	1.80E-17	1E-16	1.67E-03	3.49E-14	1.00E-15	2E-16	4.36E-01
13-May-91	1.16E-16	1E-16	2.32E-03		3.86E-16	9.00E-17	1E-16	1.29E-01	2.80E-16	7.00E-17	1E-16	1.40E-02	1.50E-14	1.00E-15	2E-15	1.88E-01
12-Aug-91	9.02E-17	1E-16	1.80E-03		8.82E-17	5.00E-17	1E-16	2.94E-02	7.65E-17	6.00E-17	1E-16	3.83E-03	1.58E-14	3.00E-16	2E-15	1.98E-01
11-Nov-91	4.81E-17	1E-16	9.62E-04		3.62E-17	2.00E-17	2E-17	1.27E-02	2.54E-17	2.00E-17	2E-17	1.27E-03	1.45E-14	4.00E-16	1E-16	1.81E-01
10-Feb-92	1.54E-16	1E-16	3.08E-03		6.82E-17	4.00E-17	2E-17	2.27E-02	1.40E-17	2.40E-17	2E-17	7.00E-04	3.41E-14	6.00E-17	1E-16	4.26E-01
11-May-92	2.38E-16	1E-16	4.75E-03		7.63E-17	4.00E-17	2E-19	2.54E-02	3.07E-17	3.00E-17	2E-19	1.54E-03	1.27E-14	2.00E-16	1E-18	1.59E-01
10-Aug-92	1.01E-16	2E-18	2.02E-03		7.07E-17	2.60E-17	4E-18	2.36E-02	2.80E-17	4.20E-17	2E-18	1.40E-03	1.41E-14	2.00E-16	2E-17	1.76E-01
09-Nov-92	5.20E-17	3E-21	1.04E-03		3.65E-17	2.40E-17	4E-18	1.22E-02	1.78E-17	2.80E-17	3E-18	8.90E-04	1.71E-14	2.00E-16	2E-17	2.14E-01
09-Feb-93	2.39E-16	1E-22	4.78E-03		2.97E-17	6.30E-17	4E-18	9.90E-03	6.31E-17	5.00E-17	3E-18	3.16E-03	3.41E-14	5.00E-16	2E-17	4.26E-01
10-May-93	0.00E+00	3E-18	0.00E+00		7.11E-17	5.00E-17	4E-18	2.37E-02	3.19E-17	3.20E-17	3E-18	1.60E-03	1.34E-14	2.00E-16	2E-17	1.68E-01
10-Aug-93	1.90E-16	2E-18	3.80E-03		0.00E+00	3.70E-17	4E-18	0.00E+00	0.00E+00	8.10E-17	3E-18	0.00E+00	1.80E-14	4.00E-16	2E-17	2.25E-01
09-Nov-93	0.00E+00	2E-18	0.00E+00		0.00E+00	5.90E-17	4E-18	0.00E+00	0.00E+00	1.90E-16	3E-18	0.00E+00	1.49E-14	2.00E-16	2E-17	1.86E-01
07-Feb-94	2.23E-16	2E-18	3.72E-01		0.00E+00	6.00E-17	4E-18	0.00E+00	1.84E-16	2.00E-16	3E-18	2.04E-02	2.19E-14	5.00E-15	2E-16	3.65E+00
09-May-94	2.16E-16	2E-17	3.60E-01		7.20E-17	8.00E-17	4E-18	2.40E-01	9.89E-17	7.00E-17	3E-17	1.10E-02	1.37E-14	3.00E-16	2E-16	2.28E+00
09-Aug-94	9.29E-17	1E-16	1.55E-01		2.96E-16	2.23E-16	4E-18	9.87E-01	3.04E-16	3.04E-17	1E-16	3.38E-02	0.00E+00	2.14E-16	1E-16	0.00E+00
07-Nov-94	9.21E-17	1E-16	1.54E-01		2.35E-16	3.16E-17	4E-18	7.83E-01	1.00E-16	1.26E-17	1E-16	1.11E-02	0.00E+00	5.29E-17	1E-15	0.00E+00
07-Feb-95	1.18E-16	1E-16	1.97E-01		9.70E-17	1.00E-16	4E-18	3.23E-01	9.70E-17	1.00E-16	1E-16	1.08E-02	7.42E-15	3.59E-16	1E-15	1.24E+00
09-May-95	9.40E-17	1E-16	1.57E-01		1.20E-16	1.00E-16	4E-18	4.00E-01	3.50E-16	3.25E-17	1E-16	3.89E-02	3.90E-15	1.90E-17	1E-16	6.50E-01
09-Aug-95	8.90E-17	1E-16	1.48E-01		9.67E-17		1E-16	3.22E-01	1.35E-16	3.94E-17	1E-16	1.50E-02	2.38E-16	2.00E-15	2E-15	3.97E-02
09-Nov-95	2.83E-15	1E-16	4.72E+00		4.09E-16	3.45E-17	2E-16	1.36E+00	5.23E-16	7.34E-17	2E-16	5.81E-02	6.77E-15	6.35E-16	1E-15	1.13E+00
05-Feb-96	1.75E-15	1E-16	2.92E+00		8.66E-16	4.90E-17	1E-16	2.89E+00	4.86E-16	5.80E-17	1E-16	5.40E-02	3.50E-15	2.76E-16	1E-16	5.83E-01
06-May-96	1.40E-16	1E-16	2.33E-01		1.15E-16	1.90E-17	1E-16	3.83E-01	1.00E-16	NA	1E-16	1.11E-02	6.85E-15	5.44E-16	1E-16	1.14E+00
05-Aug-96	1.43E-16	1E-16	2.38E-01		2.78E-16	3.07E-17	1E-16	9.27E-01	1.00E-16	NA	1E-16	1.11E-02	5.83E-15	3.07E-16	1E-16	9.72E-01
05-Nov-96	1.45E-16	1E-16	2.42E-01		1.57E-16	2.97E-17	1E-16	5.23E-01	1.00E-16	NA	1E-16	1.11E-02	1.19E-14	4.51E-16	1E-16	1.98E+00

*1/1/94 Derived air concentrations were implemented as per 10 CFR 20

TABLE 12
ENERGY FUELS NUCLEAR, INC.
WHI WHITE MESA MILL
AMBIENT AIR RADIONUCLIDE PARTICULATES
 $\mu\text{Ci/ml}$
LOCATION BHV-3

Current Quarter
% time operated
Air Volume, SCF x 1e6

PERIOD ENDING	URANIUM NAT			THORIUM-230				RADIUM-226				LEAD-210			
	GROSS CONC	LLD (1E-16)	% MPC	GROSS CONC	COUNTING ERROR	LLD (1E-16)	% MPC	GROSS CONC	COUNTING ERROR	LLD (1E-16)	% MPC	GROSS CONC	COUNTING ERROR	LLD (2E-15)	% MPC
16-Feb-88	8.08E-16	6E-18	1.62E-02	2.55E-16	6.00E-17	2E-17	8.50E-02	3.42E-16	5.00E-17	3E-17	1.71E-02	5.61E-14	3.00E-16	6E-17	7.01E-01
18-May-88	1.14E-16	3E-18	2.28E-03	4.14E-17	1.00E-16	1E-17	1.38E-02	0.00E+00	4.00E-17	1E-17	0.00E+00	1.20E-14	1.00E-16	4E-17	1.50E-01
15-Aug-88	2.08E-16	3E-18	4.16E-03	3.06E-16	8.00E-17	1E-17	1.02E-01	3.65E-17	3.10E-17	2E-17	1.83E-03	1.36E-14	2.00E-16	2E-17	1.70E-01
14-Nov-88	4.21E-16	3E-18	8.42E-03	2.93E-16	3.00E-17	1E-17	9.77E-02	1.09E-16	2.00E-17	1E-17	5.45E-03	2.48E-14	1.00E-16	3E-17	3.10E-01
13-Feb-89	4.45E-16	4E-17	8.90E-03	4.78E-17	1.65E-17	1E-16	1.59E-02	2.47E-17	1.65E-17	2E-17	1.24E-03	3.34E-14	3.29E-16	5E-16	4.18E-01
15-May-89	1.05E-16	1E-16	2.10E-03	0.00E+00	1.60E-17	7E-18	0.00E+00	2.45E-17	1.40E-17	7E-18	1.23E-03	6.58E-15	1.00E-16	3E-17	8.20E-02
14-Aug-89	1.31E-16	2E-18	2.62E-03	5.85E-17	2.10E-17	9E-18	1.95E-02	3.97E-17	3.60E-17	9E-18	1.99E-03	6.75E-15	1.00E-16	5E-17	8.44E-02
13-Nov-89	1.67E-16	2E-17	3.35E-03	3.87E-17	4.00E-17	3E-18	1.29E-02	8.03E-17	3.00E-17	8E-18	4.02E-03	1.69E-14	3.00E-16	2E-17	3.11E-01
12-Feb-90	4.43E-16	3E-18	8.86E-03	0.00E+00	4.00E-17	7E-18	0.00E+00	3.50E-17	4.00E-17	2E-17	1.75E-03	2.37E-14	3.00E-16	4E-17	2.96E-01
14-May-90	3.84E-16	1E-16	7.58E-03	2.54E-16	1.00E-16	1E-16	8.47E-02	1.02E-16	6.00E-17	1E-16	5.10E-03	1.68E-14	3.00E-16	2E-16	2.10E-01
13-Aug-90	7.27E-17	1E-16	1.45E-03	2.87E-16	2.00E-17	1E-16	9.57E-02	1.21E-17	2.00E-17	1E-16	6.05E-04	7.86E-15	2.00E-16	2E-16	9.83E-02
12-Nov-90	1.84E-16	1E-16	3.68E-03	1.34E-16	6.00E-17	1E-16	4.47E-02	8.53E-17	4.00E-17	1E-16	4.27E-03	2.01E-14	4.00E-16	2E-16	2.51E-01
11-Feb-91	4.66E-17	1E-16	9.32E-04	8.48E-16	8.00E-17	1E-16	2.83E-01	1.94E-17	1.60E-17	1E-16	9.70E-04	3.69E-14	1.00E-15	2E-16	4.61E-01
13-May-91	5.05E-17	1E-16	1.01E-03	7.40E-17	6.00E-17	1E-16	2.47E-02	7.00E-18	4.00E-17	1E-16	3.50E-04	1.50E-14	1.00E-15	2E-15	1.88E-01
12-Aug-91	7.14E-17	1E-16	1.43E-03	6.22E-17	8.00E-17	1E-16	2.07E-02	7.95E-17	8.00E-17	1E-16	3.98E-03	1.77E-14	5.00E-16	2E-15	2.21E-01
11-Nov-91	1.41E-17	1E-16	2.82E-04	2.19E-18	3.00E-16	2E-17	7.30E-04	2.75E-17	2.00E-17	2E-17	1.38E-03	1.18E-14	2.00E-16	1E-16	1.48E-01
10-Feb-92	8.12E-17	1E-16	1.62E-03	2.35E-17	3.80E-17	2E-17	7.83E-03	2.76E-18	1.30E-17	2E-17	1.38E-04	3.57E-14	6.00E-17	1E-16	4.46E-01
11-May-92	9.18E-17	1E-16	1.84E-03	5.80E-17	2.00E-16	2E-19	1.93E-02	3.36E-17	3.00E-17	2E-19	1.68E-03	1.28E-14	2.00E-16	1E-18	1.60E-01
10-Aug-92	2.00E-18	2E-18	4.00E-05	4.19E-17	2.30E-17	4E-18	1.40E-02	2.00E-18	4.30E-17	2E-18	1.00E-04	1.59E-14	2.00E-16	2E-17	1.99E-01
09-Nov-92	4.00E-17	3E-21	8.00E-04	2.68E-17	1.80E-17	4E-18	8.93E-03	1.07E-17	2.10E-17	3E-18	5.35E-04	1.81E-14	2.00E-16	2E-17	2.26E-01
09-Feb-93	7.94E-17	1E-22	1.59E-03	0.00E+00	5.30E-17	4E-18	0.00E+00	1.09E-16	9.00E-17	3E-18	5.45E-03	2.69E-14	4.00E-16	2E-17	3.36E-01
10-May-93	1.60E-17	3E-22	3.20E-04	5.07E-17	4.40E-17	4E-18	1.69E-02	7.64E-17	4.00E-17	3E-18	3.82E-03	1.26E-14	2.00E-16	2E-17	1.58E-01
10-Aug-93	6.00E-17	2E-18	1.20E-03	6.00E-18	3.40E-17	4E-18	2.00E-03	0.00E+00	4.30E-17	3E-19	0.00E+00	1.50E-14	3.00E-16	2E-17	1.88E-01
09-Nov-93	0.00E+00	2E-18	0.00E+00	0.00E+00	4.20E-17	4E-18	0.00E+00	0.00E+00	1.50E-16	3E-18	0.00E+00	2.10E-14	4.00E-16	2E-17	2.63E-01
07-Feb-94	1.61E-16	2E-16	2.68E-01	0.00E+00	6.00E-17	4E-18	0.00E+00	2.22E-16	2.20E-16	3E-18	2.47E-02	2.23E-14	4.00E-16	2E-17	3.72E+00
09-May-94	2.77E-16	2E-17	4.62E-01	2.80E-17	1.40E-16	4E-17	9.33E-02	8.37E-18	1.00E-16	3E-17	9.30E-04	1.40E-14	4.00E-16	2E-16	2.33E+00
09-Aug-94	7.39E-17	1E-16	1.23E-01	1.00E-16	1.00E-16	1E-16	3.33E-01	1.14E-16	2.02E-17	1E-16	1.27E-02	1.00E-16	1.88E-16	2E-16	1.67E-02
07-Nov-94	9.05E-17	1E-16	1.51E-01	1.00E-16	1.00E-16	1E-16	3.33E-01	1.00E-16	7.64E-18	1E-16	1.11E-02	1.30E-16	1.16E-16	2E-15	1.67E-02
07-Feb-95	7.99E-17	1E-16	1.33E-01	9.60E-17	1.00E-16	1E-16	3.20E-01	9.60E-17	1.00E-16	1E-16	1.07E-02	9.05E-15	4.73E-16	1E-16	1.51E+00
09-May-95	9.40E-17	1E-16	1.57E-01	9.80E-17	1.00E-16	1E-16	3.27E-01	8.60E-17	1.00E-16	1E-16	9.56E-03	2.88E-15	1.70E-16	1E-16	4.80E-01
09-Aug-95	7.30E-17	1E-16	1.22E-01	9.20E-17	1E-16	1E-16	3.07E-01	4.40E-17	4.00E-17	1E-16	4.89E-03	1.96E-15	1.00E-16	1E-16	3.27E-01
**11-Nov-95	3.16E-16			1.31E-16				6.58E-17				1.91E-14			
**05-Feb-96	3.41E-16			2.26E-16				1.18E-16				2.69E-14			
**06-May-96	1.31E-16			1.39E-16				1.53E-16				1.53E-14			
**05-Aug-96	3.00E-16			3.42E-16				3.99E-16				1.31E-14			
**05-Nov-96	3.16E-16			1.31E-16				6.58E-17				1.91E-14			

*1/1/94 Derived air concentrations were implemented as per 10 CFR 20

** BHV-3 was taken down due to excessive vandalism and Quarterly averages are being used in the place of samples

TABLE 13
ENERGY FUELS NUCLEAR, INC.
WHITE MESA MILL
AMBIENT AIR RADIONUCLIDE PARTICULATES
 $\mu\text{Ci}/\text{m}^3$
LOCATION: BHV-4

Current Quarter	1st	2nd	3rd	4th
% time operated	89.7%	96.2%	92.6%	91.9%
Air Volume, SCF x 1e6	3.79	4.09	3.74	3.85

PERIOD ENDING	URANIUM NAT			THORIUM-230				RADIUM-226				LEAD-210			
	GROSS CONC	LLD (1E-16)	% MPC	GROSS CONC	COUNTING ERROR	LLD (1E-16)	% MPC	GROSS CONC	COUNTING ERROR	LLD (1E-16)	% MPC	GROSS CONC	COUNTING ERROR	LLD (2E-15)	% MPC
16-Feb-88	1.01E-15	5E-18	3.82E-02	4.53E-16	7.00E-17	2E-17	1.51E-01	4.42E-16	6.00E-17	2E-17	2.21E-02	4.44E-14	2.00E-16	5E-17	5.55E-01
18-May-88	1.78E-14	3E-18	3.56E-01	1.35E-14	3.00E-16	2E-17	4.50E+00	4.92E-16	8.00E-17	2E-17	2.46E-02	1.38E-14	2.00E-16	4E-17	1.73E-01
15-Aug-88	7.56E-15	4E-18	1.51E-01	4.39E-14	1.00E-15	1E-17	1.46E+01	1.51E-15	1.00E-16	2E-17	7.55E-02	1.97E-14	2.00E-16	2E-17	2.46E-01
14-Nov-88	1.47E-14	4E-18	2.94E-01	3.31E-14	3.00E-16	1E-17	1.10E+01	2.57E-15	1.00E-16	1E-17	1.29E-01	2.12E-14	2.00E-16	3E-17	2.65E-01
13-Feb-89	2.47E-15	4E-17	4.94E-02	1.56E-15	1.02E-16	1E-16	5.20E-01	6.94E-16	5.10E-17	2E-16	3.47E-02	2.12E-14	3.06E-16	5E-16	2.65E-01
15-May-89	2.50E-16	1E-18	5.00E-03	3.14E-15	1.00E-16	7E-18	1.05E+00	9.03E-16	7.00E-17	7E-18	4.52E-02	8.05E-15	1.00E-16	4E-17	1.01E-01
14-Aug-89	6.50E-15	5E-17	1.30E-01	7.68E-15	2.00E-16	9E-18	2.56E+00	2.35E-15	2.00E-16	9E-18	1.18E-01	9.95E-15	1.00E-16	5E-17	1.24E-01
13-Nov-89	9.53E-15	2E-17	1.93E-01	4.72E-15	2.00E-16	3E-18	1.57E+00	4.03E-15	2.00E-16	8E-18	2.01E-01	1.99E-14	3.00E-16	2E-17	2.49E-01
12-Feb-90	8.92E-15	3E-18	1.78E-01	4.05E-15	2.00E-16	6E-18	1.35E+00	2.89E-15	2.00E-16	2E-17	1.45E-01	2.69E-14	2.00E-16	4E-17	3.36E-01
14-May-90	8.90E-15	1E-16	1.78E-01	3.56E-15	3.00E-16	1E-16	1.19E+00	2.33E-15	2.00E-16	1E-16	1.17E-01	2.09E-14	4.00E-16	2E-16	2.61E-01
13-Aug-90	1.92E-15	1E-16	3.84E-02	3.58E-15	8.00E-17	1E-16	1.19E+00	5.06E-16	6.00E-17	1E-16	2.53E-02	8.86E-15	2.00E-16	2E-16	1.11E-01
12-Nov-90	2.91E-15	1E-16	5.82E-02	1.87E-15	2.00E-16	1E-16	6.23E-01	1.06E-15	1.00E-16	1E-16	5.40E-02	2.19E-14	4.00E-16	2E-16	2.74E-01
11-Feb-91	1.67E-16	1E-16	3.34E-03	2.25E-17	2.10E-17	1E-16	7.50E-03	6.38E-17	2.50E-17	1E-16	3.19E-03	4.19E-14	1.00E-15	2E-16	5.24E-01
13-May-91	1.87E-16	1E-16	3.74E-03	7.89E-16	1.00E-16	1E-16	2.63E-01	3.54E-16	9.00E-17	1E-16	1.77E-02	1.40E-14	1.00E-15	2E-15	1.75E-01
12-Aug-91	4.85E-16	1E-16	9.70E-03	2.61E-15	2.00E-16	1E-16	8.70E-01	1.27E-16	8.00E-17	1E-16	6.35E-03	2.20E-14	5.00E-16	2E-15	2.75E-01
11-Nov-91	1.77E-16	1E-16	3.54E-03	4.38E-16	7.00E-17	2E-17	1.46E-01	3.76E-17	3.00E-17	2E-17	1.88E-03	1.15E-14	2.00E-16	1E-16	1.44E-01
10-Feb-92	1.83E-16	1E-16	3.66E-03	1.46E-16	6.00E-17	2E-17	4.87E-02	1.33E-16	4.00E-17	2E-17	6.65E-03	3.35E-14	6.00E-17	1E-16	4.19E-01
11-May-92	4.40E-16	1E-16	8.80E-03	1.95E-15	1.00E-16	2E-19	6.50E-01	4.04E-16	8.00E-17	2E-19	2.02E-02	1.41E-14	2.00E-16	1E-18	1.76E-01
10-Aug-92	9.09E-17	2E-18	1.92E-03	2.56E-16	4.00E-17	4E-18	8.53E-02	4.50E-17	4.60E-17	2E-18	2.25E-03	1.57E-14	2.00E-16	2E-17	1.96E-01
09-Nov-92	2.07E-16	3E-21	4.14E-03	1.15E-16	3.00E-17	4E-18	3.83E-02	3.62E-17	2.80E-17	3E-18	1.81E-03	2.24E-14	2.00E-16	2E-17	2.80E-01
09-Feb-93	1.73E-16	1E-22	3.46E-03	0.00E+00	8.00E-17	4E-18	0.00E+00	2.89E-17	4.30E-17	3E-18	1.45E-03	3.08E-14	5.00E-16	2E-17	3.85E-01
10-May-93	2.70E-17	3E-22	5.40E-04	2.76E-17	3.20E-17	4E-18	9.20E-03	8.74E-17	5.00E-17	3E-18	4.37E-03	1.25E-14	2.00E-16	2E-17	1.56E-01
10-Aug-93	9.00E-17	2E-18	1.80E-03	2.50E-17	3.90E-17	4E-18	8.33E-03	0.00E+00	3.70E-17	3E-18	0.00E+00	1.50E-14	3.00E-16	2E-17	1.88E-01
09-Nov-93	0.00E+00	2E-18	0.00E+00	1.76E-16	9.00E-17	4E-18	5.87E-02	6.00E-17	1.80E-16	3E-18	3.00E-03	1.75E-14	4.00E-16	2E-17	2.19E-01
07-Feb-94	1.10E-16	2E-16	1.83E-01	0.00E+00	1.58E-16	4E-18	0.00E+00	2.21E-16	2.30E-16	3E-18	2.46E-02	3.08E-14	6.00E-16	2E-17	5.13E+00
09-May-94	3.80E-16	2E-17	6.33E-01	3.38E-16	1.20E-16	4E-17	1.13E+00	3.46E-16	1.00E-16	3E-17	3.84E-02	1.73E-14	2.00E-16	2E-16	2.88E+00
09-Aug-94	3.85E-16	1E-16	6.42E-01	2.82E-16	9.81E-17	1E-16	9.40E-01	1.00E-16	1.73E-17	1E-16	1.11E-02	1.00E-16	1.00E-16	2E-15	1.67E-02
07-Nov-94	6.21E-17	1E-16	1.03E-01	3.53E-16	4.21E-17	1E-16	1.18E+00	1.96E-16	2.06E-17	1E-16	2.18E-02	1.00E-16	1.00E-16	2E-15	1.67E-02
07-Feb-95	3.70E-16	1E-16	6.17E-01	9.70E-17	1.00E-16	1E-16	3.23E-01	9.70E-17	3.02E-17	1E-16	1.08E-02	8.84E-15	3.89E-16	2E-15	1.47E+00
09-May-95	9.40E-17	1E-16	1.57E-01	9.80E-17	1.00E-16	1E-16	3.27E-01	1.90E-16	2.48E-17	1E-16	2.11E-02	2.90E-15	1.70E-16	2E-15	4.83E-01
09-Aug-95	1.45E-16	1E-16	2.42E-01	2.86E-16	3.78E-17	1E-16	9.53E-01	7.10E-17	3.62E-17	1E-16	7.89E-03	2.70E-15	2.17E-16	2E-15	4.50E-01
11-Nov-95	1.43E-14	1E-16	2.38E+01	2.31E-15	1.24E-16	2E-16	7.70E+00	2.61E-15	7.51E-17	2E-13	2.90E-01	5.60E-15	2.48E-16	1E-15	9.33E-01
05-Feb-96	1.19E-14	1E-16	1.98E+01	5.70E-15	1.95E-16	1E-16	1.90E+01	6.10E-15	1.80E-16	1E-16	6.78E-01	6.48E-15	3.78E-16	1E-16	1.08E+00
06-May-96	4.55E-16	1E-16	7.58E-01	3.80E-16	3.10E-17	1E-16	1.27E+00	2.84E-16	1.47E-17	1E-16	3.16E-02	7.88E-15	5.74E-16	1E-16	1.28E+00
05-Aug-96	7.78E-16	1E-16	1.30E+00	3.57E-15	2.42E-16	1E-16	1.19E+01	1.69E-16	1.42E-17	1E-16	1.88E-02	4.90E-15	2.92E-16	1E-16	8.17E-01
05-Nov-96	1.36E-15	1E-16	2.27E+00	3.51E-15	1.66E-16	1E-16	1.17E+01	4.21E-16	3.98E-17	1E-16	4.68E-02	1.10E-14	4.35E-16	1E-16	1.83E+00

*1/1/94 Derived air concentrations were implemented as per 10 CFR 20

TABLE 14

ENERGY FUELS NUCLEAR, INC.
WHITE MESA MILL
AMBIENT AIR RADIONUCLIDE PARTICULATES
 $\mu\text{Ci/ml}$
LOCATION BHV-5

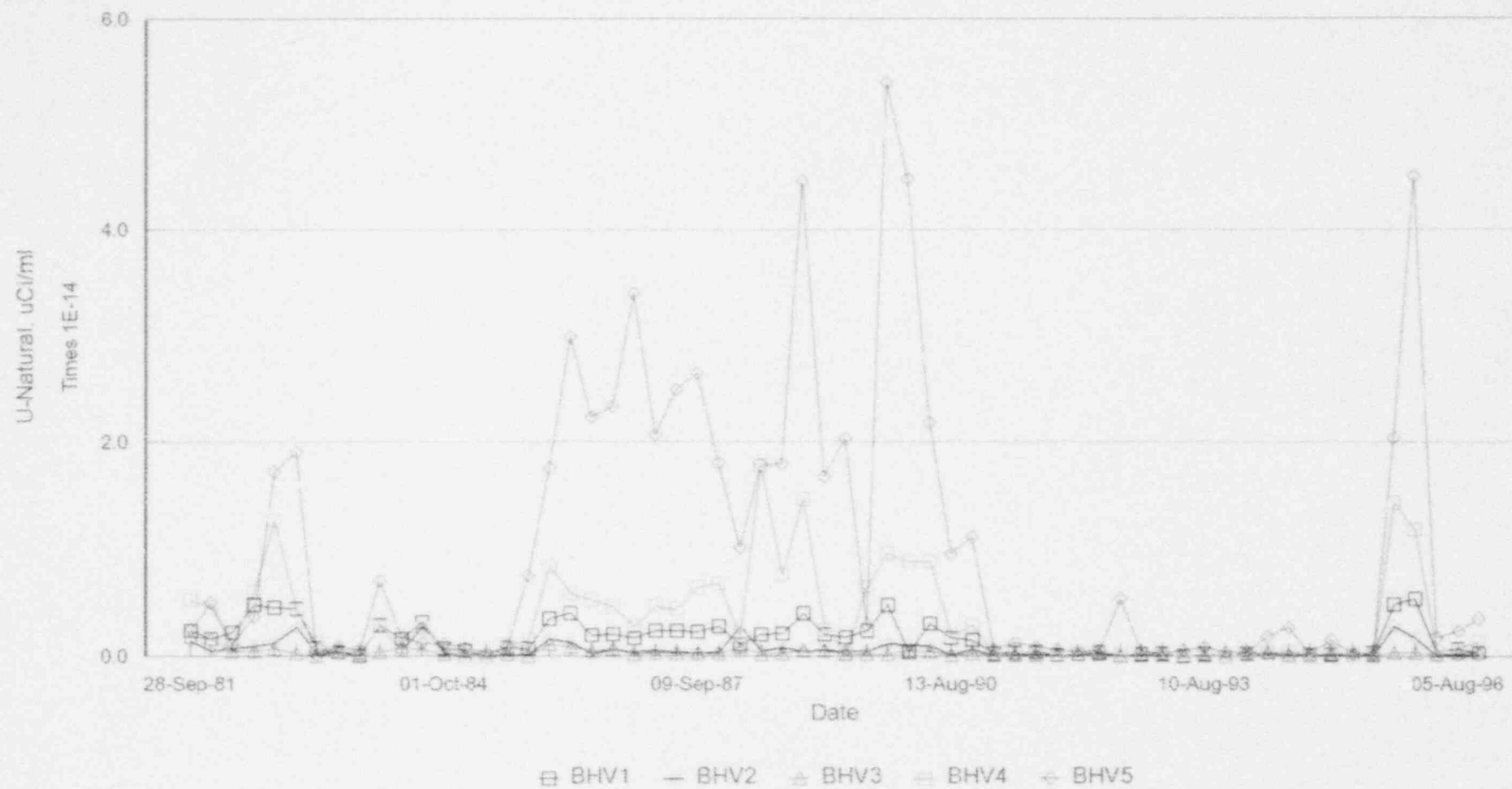
Current Quarter	1st	2nd	3rd	4th
% time operated	100.1%	92.5%	94.5%	88.8%
Air Volume, SCF x 1e6	4.23	3.94	3.91	3.73

PERIOD ENDING	URANIUM NAT			THORIUM-230				RADIUM-226				LEAD-210			
	GROSS CONC.	LLD (1E-16)	% MPC	GROSS CONC.	COUNTING ERROR	LLD (1E-16)	% MPC	GROSS CONC.	COUNTING ERROR	LLD (1E-16)	% MPC	GROSS CONC.	COUNTING ERROR	LLD (2E-15)	% MPC
16-Feb-88	1.01E-14	5E-18	2.02E-01	2.98E-15	1.00E-16	2E-17	9.93E-01	3.93E-15	1.00E-16	2E-17	1.97E-01	3.36E-14	2.00E-16	5E-17	4.20E-01
18-May-88	1.78E-14	3E-18	3.56E-01	8.14E-15	3.00E-16	2E-17	2.71E+00	7.43E-15	3.00E-16	2E-17	3.72E-01	2.12E-14	2.00E-16	4E-17	2.65E-01
15-Aug-88	1.79E-14	3E-18	3.58E-01	1.49E-14	1.00E-15	1E-17	4.97E+00	5.34E-15	2.00E-16	2E-17	2.67E-01	2.45E-14	3.00E-16	2E-17	3.06E-01
14-Nov-88	4.46E-14	3E-18	8.92E-01	1.39E-14	2.00E-16	1E-17	4.63E+00	1.17E-14	2.00E-16	1E-17	5.85E-01	3.43E-14	2.00E-16	3E-17	4.29E-01
13-Feb-89	1.67E-14	4E-17	3.34E-01	5.54E-15	1.02E-16	1E-16	1.85E+00	7.20E-15	1.40E-16	2E-16	3.60E-01	5.02E-14	2.10E-16	5E-16	6.28E-01
15-May-89	2.03E-14	1E-18	4.06E-01	7.05E-15	2.00E-16	6E-17	2.35E+00	9.56E-16	2.00E-16	6E-18	4.78E-02	1.43E-14	1.00E-16	3E-17	1.79E-01
14-Aug-89	2.81E-15	2E-18	5.62E-02	3.78E-15	2.00E-16	8E-18	1.26E+00	9.26E-15	3.00E-16	8E-18	4.63E-01	1.50E-14	1.00E-16	4E-17	1.88E-01
13-Nov-89	5.38E-14	2E-17	1.08E+00	8.01E-15	3.00E-16	3E-18	2.67E+00	1.81E-14	3.00E-16	7E-18	9.06E-01	4.09E-14	5.00E-16	2E-17	5.12E-01
12-Feb-90	4.48E-14	3E-18	8.96E-01	1.48E-14	1.00E-15	6E-18	4.93E+00	1.28E-14	2.00E-17	2E-17	6.40E-01	3.88E-14	3.00E-16	5E-17	4.85E-01
14-May-90	2.18E-14	1E-16	4.36E-01	1.70E-14	1.00E-15	1E-16	5.67E+00	1.59E-14	1.00E-15	1E-16	7.95E-01	3.49E-14	1.00E-15	2E-16	4.36E-01
13-Aug-90	9.53E-15	1E-16	1.91E-01	1.70E-14	1.00E-15	1E-16	5.67E+00	3.27E-15	1.10E-16	1E-16	1.64E-01	1.27E-14	2.00E-16	2E-16	1.59E-01
12-Nov-90	1.11E-14	1E-16	2.22E-01	5.27E-15	3.00E-14	1E-16	1.76E+00	5.38E-15	3.00E-16	1E-16	2.69E-01	1.56E-14	4.00E-16	2E-16	1.95E-01
11-Feb-91	6.35E-16	1E-16	1.27E-02	3.13E-16	6.00E-17	1E-16	1.04E-01	2.31E-16	4.00E-17	1E-16	1.16E-02	3.89E-14	1.00E-15	2E-16	4.86E-01
13-May-91	1.22E-15	1E-15	2.44E-02	6.14E-15	3.00E-16	1E-16	2.05E+00	4.41E-15	2.00E-16	1E-16	2.21E-01	2.50E-14	1.00E-15	2E-15	3.13E-01
12-Aug-91	7.84E-16	1E-16	1.57E-02	1.43E-15	2.00E-16	1E-16	4.77E-01	4.47E-16	1.10E-16	1E-16	2.24E-02	1.84E-14	4.00E-16	2E-15	2.30E-01
11-Nov-91	5.37E-16	1E-16	1.07E-02	4.20E-16	7.00E-17	2E-17	1.40E-01	1.37E-16	3.00E-17	2E-17	6.85E-03	1.27E-14	3.00E-16	1E-16	1.59E-01
10-Feb-92	3.54E-16	1E-16	7.08E-03	1.18E-16	6.00E-17	2E-17	3.93E-02	4.08E-17	3.00E-17	2E-17	2.04E-03	3.69E-14	6.00E-17	1E-16	4.61E-01
11-May-92	4.71E-16	1E-16	9.42E-03	9.58E-16	1.00E-16	2E-19	3.19E-01	8.31E-17	4.09E-18	2E-19	4.16E-03	1.43E-14	2.00E-16	1E-18	1.79E-01
10-Aug-92	5.32E-15	2E-18	1.06E-01	3.36E-16	6.00E-17	4E-18	1.12E-01	1.65E-16	7.00E-17	2E-18	8.25E-03	1.59E-14	2.00E-16	2E-17	1.99E-01
09-Nov-92	3.66E-16	3E-21	7.32E-03	2.25E-16	4.00E-17	4E-18	7.50E-02	1.08E-16	3.00E-17	3E-18	5.40E-03	2.24E-14	2.00E-16	2E-17	2.80E-01
09-Feb-93	2.05E-16	1E-22	4.10E-03	9.14E-17	8.00E-17	4E-18	3.05E-02	6.31E-17	5.00E-17	3E-18	3.16E-03	3.41E-14	5.00E-16	2E-17	4.26E-01
10-May-93	4.80E-16	3E-22	9.60E-03	8.25E-16	1.20E-16	4E-18	2.75E-01	1.26E-15	1.00E-16	3E-18	6.30E-02	1.83E-14	4.00E-16	2E-17	2.29E-01
10-Aug-93	8.30E-16	2E-18	1.66E-02	1.90E-16	7.00E-17	4E-18	6.33E-02	2.10E-16	9.00E-17	3E-18	1.05E-02	1.70E-14	5.00E-16	2E-17	2.13E-01
09-Nov-93	2.70E-16	2E-18	5.40E-03	8.00E-17	8.00E-17	4E-18	2.67E-02	7.00E-17	1.70E-16	3E-18	3.50E-03	2.34E-14	3.00E-16	2E-17	2.93E-01
07-Feb-94	3.18E-16	2E-16	5.30E-01	0.00E+00	5.90E-17	4E-18	0.00E+00	5.18E-16	2.80E-16	3E-18	5.76E-02	3.64E-14	7.00E-16	2E-17	6.07E+00
09-May-94	1.80E-15	2E-17	3.00E+00	9.78E-16	2.00E-16	4E-17	3.26E+00	1.10E-15	2.00E-16	3E-17	1.22E-01	8.30E-15	2.00E-16	2E-16	1.38E+00
09-Aug-94	2.67E-15	1E-16	4.45E+00	1.11E-15	1.70E-16	1E-16	3.70E+00	4.95E-16	3.87E-17	1E-16	5.50E-02	0.00E+00	2.19E-16	1E-16	0.00E+00
07-Nov-94	9.21E-17	1E-16	1.54E-01	1.59E-15	8.80E-17	1E-16	5.30E+00	1.66E-15	5.70E-17	1E-16	1.84E-01	0.00E+00	1.88E-15	1E-15	0.00E+00
07-Feb-95	1.51E-15	1E-16	2.52E+00	9.50E-16	9.29E-16	1E-16	3.17E+00	9.70E-17	6.66E-17	1E-16	1.08E-02	9.35E-15	4.00E-16	1E-15	1.56E+00
09-May-95	2.21E-16	1E-16	3.68E-01	8.56E-16	5.41E-17	1E-16	2.85E+00	3.06E-15	9.49E-17	1E-16	3.40E-01	4.34E-15	2.06E-16	1E-15	7.23E-01
09-Aug-95	1.66E-16	1E-16	2.77E-01	1.67E-15	1.29E-16	1E-16	5.57E+00	3.90E-15	1.34E-16	1E-16	4.33E-01	5.60E-15	1.29E-16	2E-15	9.33E-01
11-Nov-95	2.04E-14	1E-16	3.40E+01	6.70E-15	2.32E-16	2E-16	2.23E+01	7.65E-15	1.24E-16	2E-16	8.50E-01	4.47E-15	2.25E-16	1E-15	7.45E-01
05-Feb-96	4.50E-14	1E-16	7.50E+01	3.58E-14	9.47E-17	1E-16	1.19E+02	2.39E-14	3.38E-16	1E-16	2.66E+00	7.30E-15	3.87E-16	1E-16	1.22E+00
06-May-96	1.76E-15	1E-16	2.93E+00	3.57E-15	2.84E-16	1E-16	1.19E+01	9.55E-16	2.54E-17	1E-16	1.06E-01	7.54E-15	5.83E-16	1E-16	1.26E+00
05-Aug-96	2.37E-15	1E-16	3.95E+00	8.18E-15	4.61E-16	1E-16	2.73E+01	7.46E-16	5.12E-17	1E-16	8.29E-02	5.75E-15	3.04E-16	1E-16	9.58E-01
05-Nov-96	3.53E-15	1E-16	5.88E+00	5.31E-15	1.97E-16	1E-16	1.77E+01	9.39E-16	5.91E-17	1E-16	1.04E-01	1.21E-14	5.32E-16	1E-16	2.02E+00

* 1/1/94 Derived air concentrations were implemented as per 10 CFR 20

ENERGY FUELS NUCLEAR, INC.

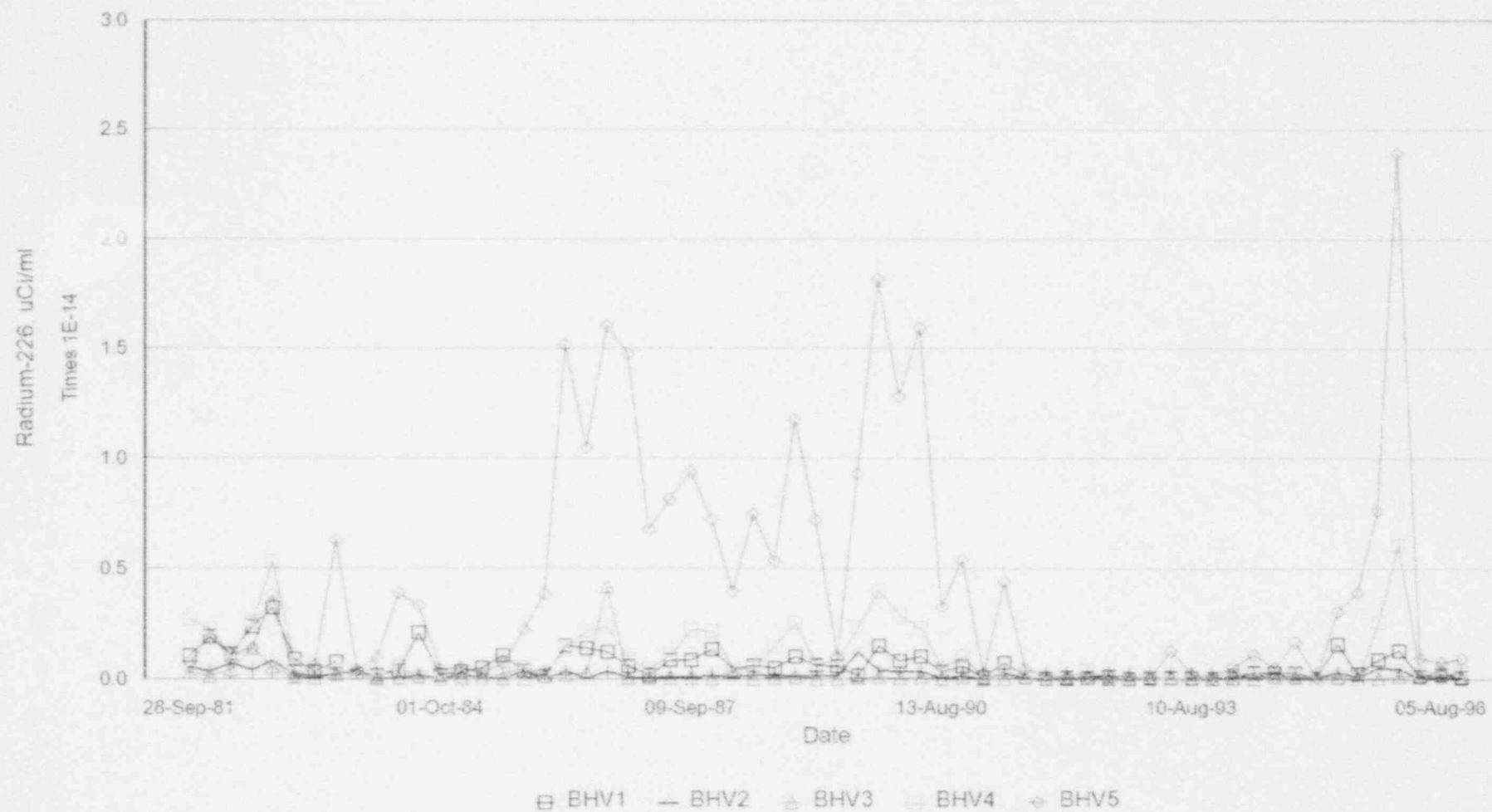
Particulate Radionuclides



GRAPH 11

ENERGY FUELS NUCLEAR, INC.

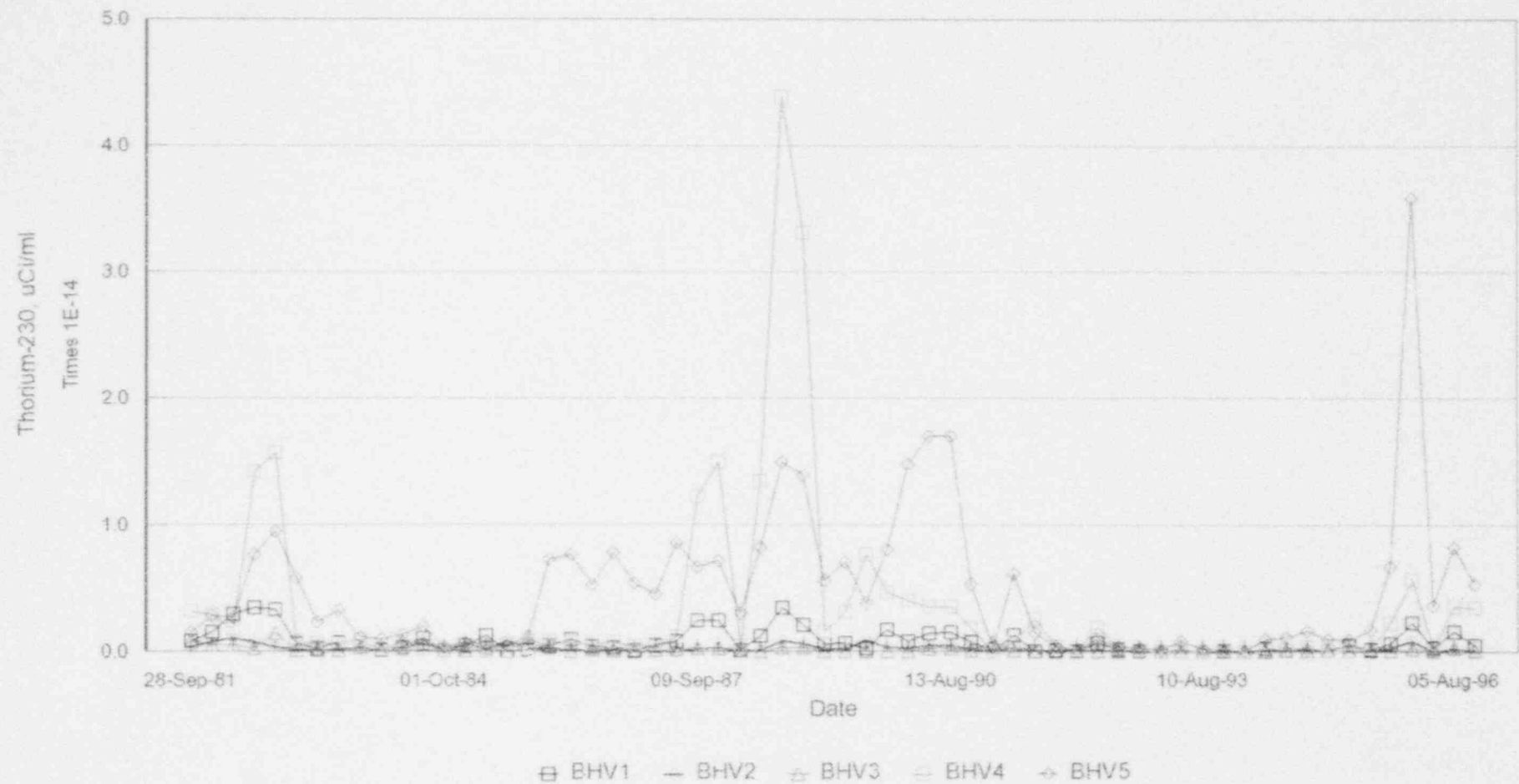
Particulate Radionuclides



GRAPH 12

ENERGY FUELS NUCLEAR, INC.

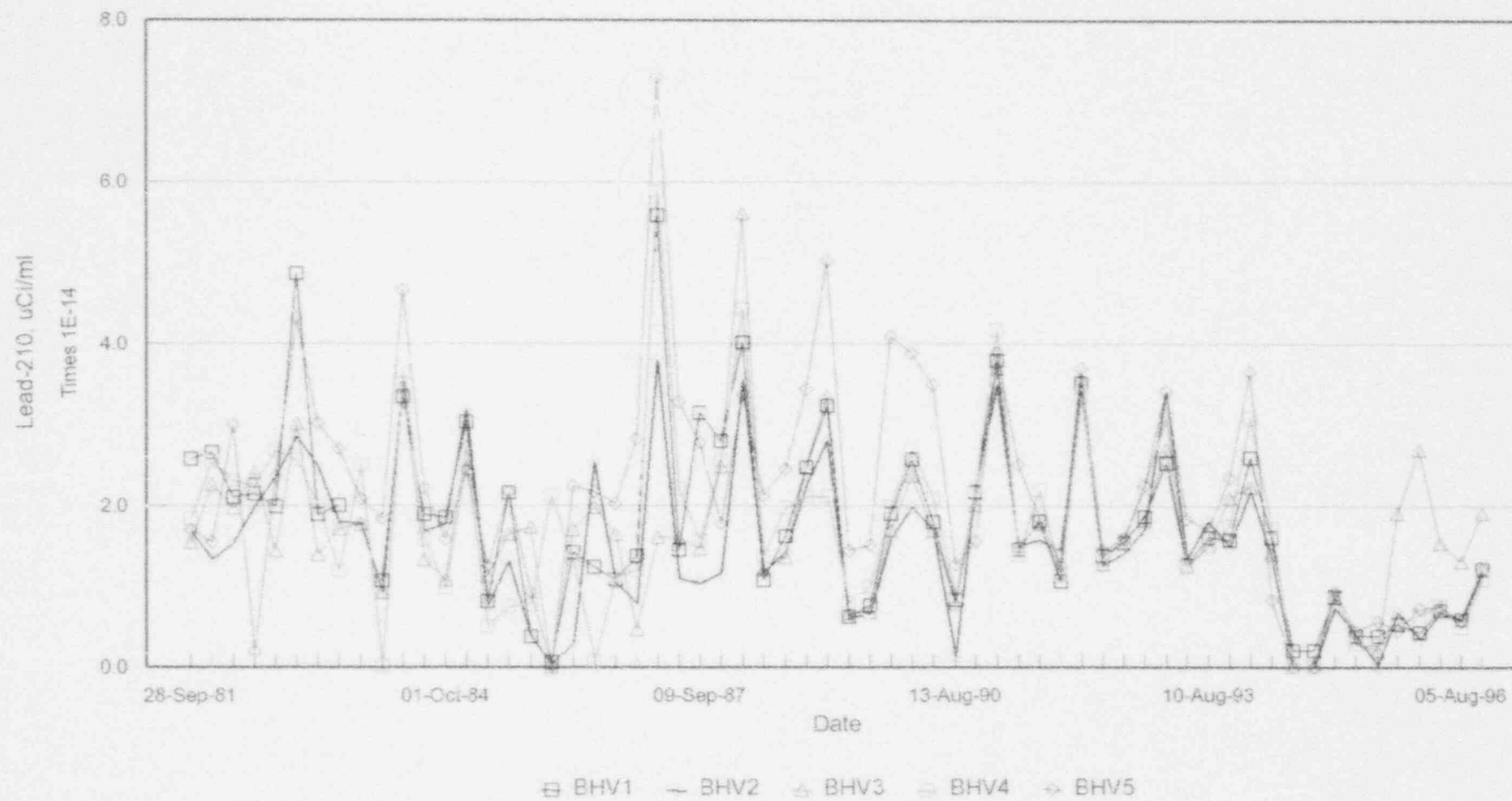
Particulate Radionuclides



GRAPH 13

ENERGY FUELS NUCLEAR, INC.

Particulate Radionuclides



GRAPH 14

TABLE 15
ENERGY FUELS NUCLEAR, INC.
WHITE MESA URANIUM MILL
SEMIANNUAL EFFLUENT AND MONITORING REPORT
Source Material License No. SUA-1358 Docket No. 40-8681

AIR PARTICULATE^c

Sampling Period and Location	Radionuclide	Net Release From Site(Background Subtracted) $\mu\text{Ci/ml}$	Sampling Period and Location	Radionuclide	Net Release From Site(Background Subtracted) $\mu\text{Ci/ml}$
5/6/96-8/5/96 Met. Station BHV-1	U-Nat. Th-230 Ra-226 Pb-210	2.99E-16 1.21E-15 0.00E+00 0.00E+00	8/5/96-11/6/96 Met. Station BHV-1	U-Nat. Th-230 Ra-226 Pb-210	2.20E-17 4.14E-16 3.42E-17 0.00E+00
5/6/96-8/5/96 Nearest Residence BHV-2	U-Nat. Th-230 Ra-226 Pb-210	0.00E+00 0.00E+00 0.00E+00 0.00E+00	8/5/96-11/6/96 Nearest Residence BHV-2	U-Nat. Th-230 Ra-226 Pb-210	0.00E+00 2.60E-17 3.42E-17 0.00E+00
5/6/96-8/5/96 South Tailing Area BHV-4	U-Nat. Th-230 Ra-226 Pb-210	4.78E-16 3.23E-15 0.00E+00 0.00E+00	8/5/96-11/6/96 South Tailing Area BHV-4	U-Nat. Th-230 Ra-226 Pb-210	1.04E-15 3.38E-15 3.55E-16 0.00E+00
5/6/96-8/5/96 S.E. Tailing Area BHV-5	U-Nat. Th-230 Ra-226 Pb-210	2.07E-15 7.84E-15 3.47E-16 0.00E+00	8/5/96-11/6/96 S.E. Tailing Area BHV-5	U-Nat. Th-230 Ra-226 Pb-210	3.21E-15 5.18E-15 8.73E-16 0.00E+00

TABLE 16

ENERGY FUELS NUCLEAR, INC.
 WHITE MESA URANIUM MILL
 SEMIANNUAL EFFLUENT AND MONITORING REPORT
 Source Material License No. SUA-1358 Docket No. 40-8681

RADIOLOGICAL 50 YEAR DOSE COMMITMENT
 TO THE NEAREST RESIDENT FROM THE
 INHALATION OF AIRBORNE PARTICULATES
 THIRD QUARTER

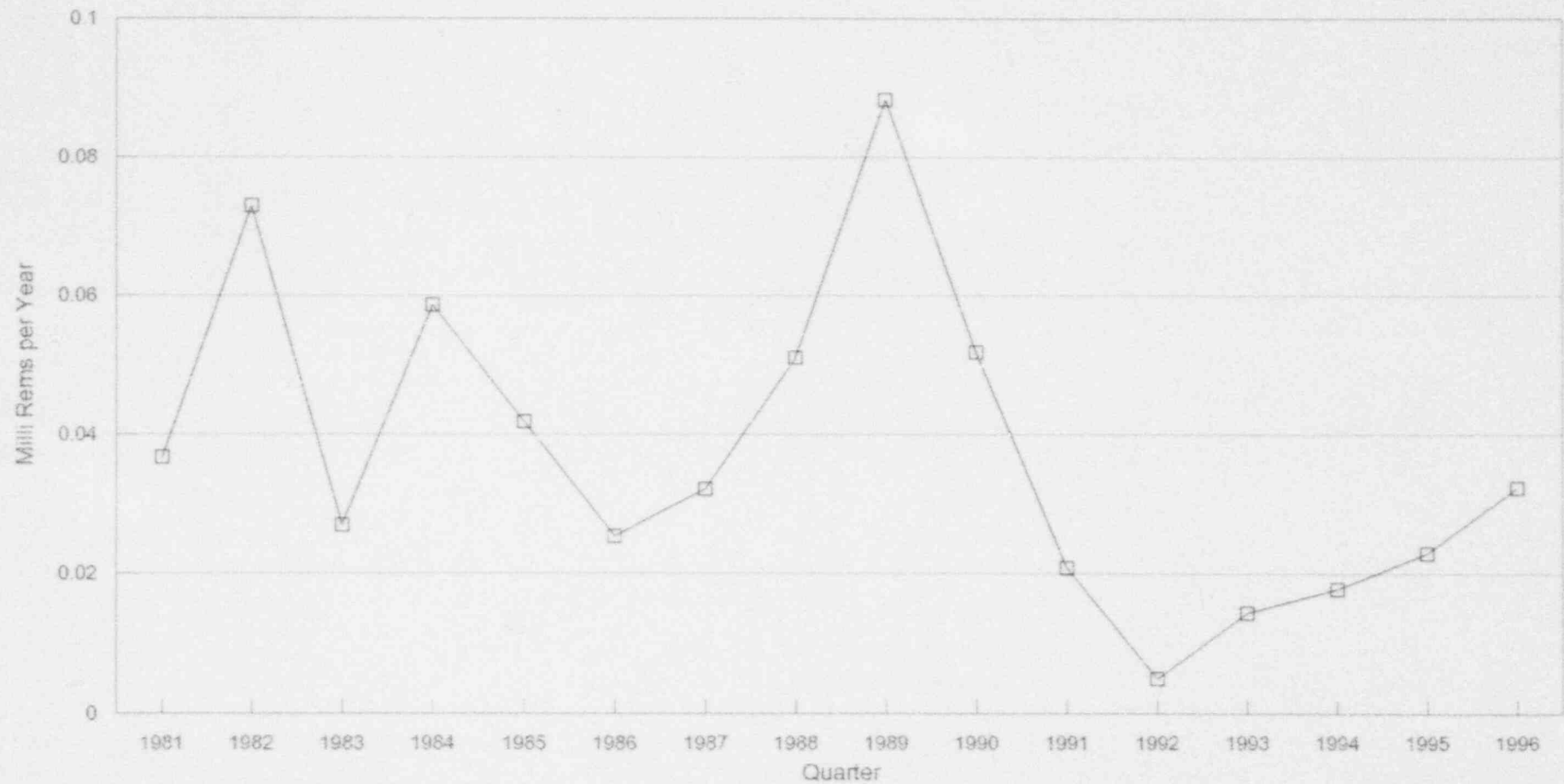
Radionuclide	Net Concentration (Background Subtracted) $\mu\text{Ci/ml}$	Dose mrem/Year		
		WHOLE BODY	BONE	MASS AVERAGE LUNG
U-238	0.00E+00	0.0000	0.0000	0.0000
U-234	0.00E+00	0.0000	0.0000	0.0000
Th-230	0.00E+00	0.0000	0.0000	0.0000
Ra-226	0.00E+00	0.0000	0.0000	0.0000
Pb-210	0.00E+00	0.0000	0.0000	0.0000
TOTAL		0.0000	0.0000	0.0000

FOURTH QUARTER

Radionuclide	Net Concentration (Background Subtracted) $\mu\text{Ci/ml}$	Dose mrem/Year		
		WHOLE BODY	BONE	MASS AVERAGE LUNG
U-238	0.00E+00	0.0000	0.0000	0.0000
U-234	0.00E+00	0.0000	0.0000	0.0000
Th-230	2.60E-17	0.0043	0.1547	0.0837
Ra-226	3.42E-17	0.0011	0.0106	0.2261
Pb-210	0.00E+00	0.0000	0.0000	0.0000
		0.0054	0.1653	0.3098

WHITE MESA MILL

50 Year Dose Commitment



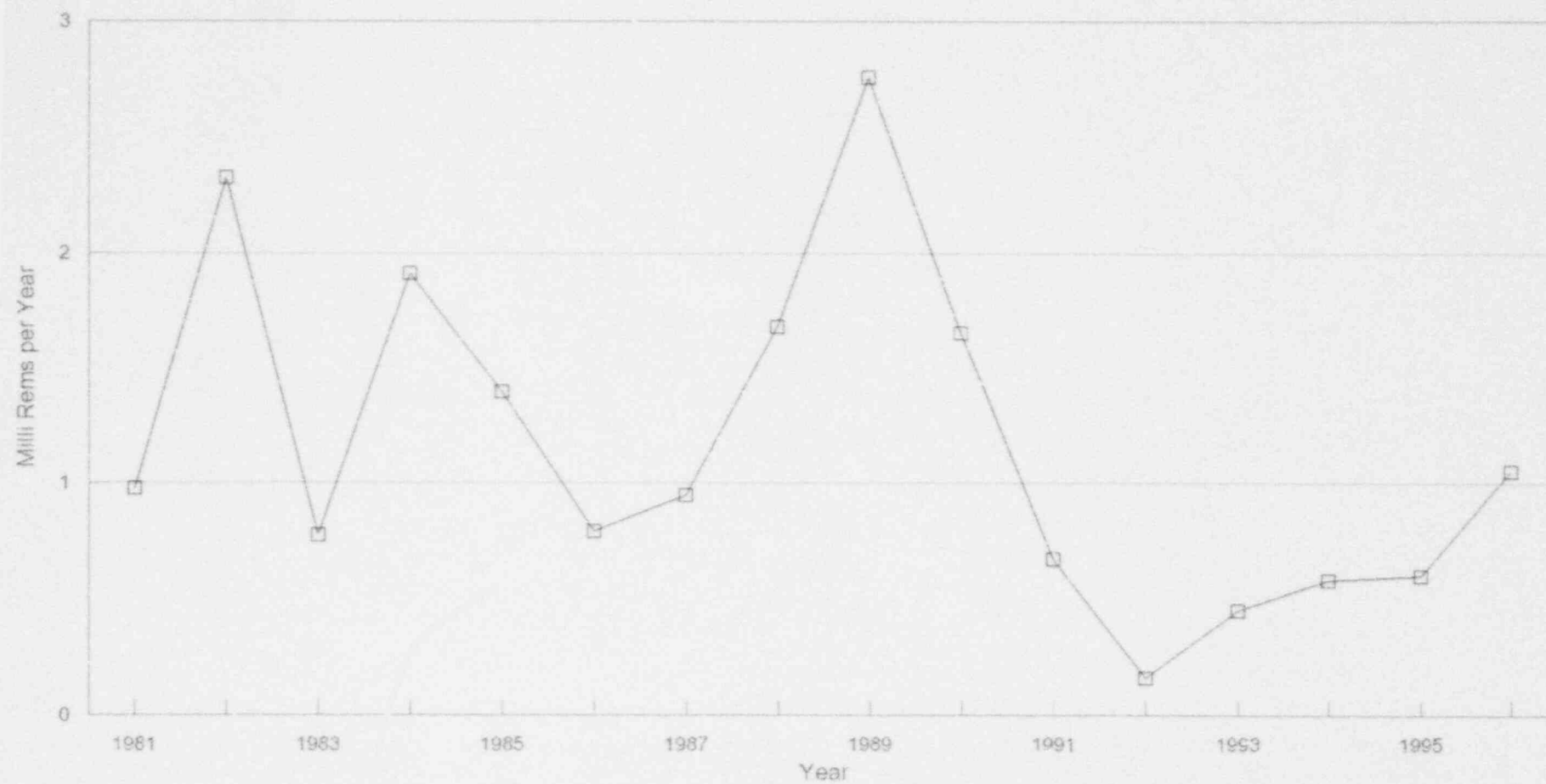
□ Whole Body

Average of the 4 Quarters

GRAPH 15

WHITE MESA MILL

50 Year Dose Commitment



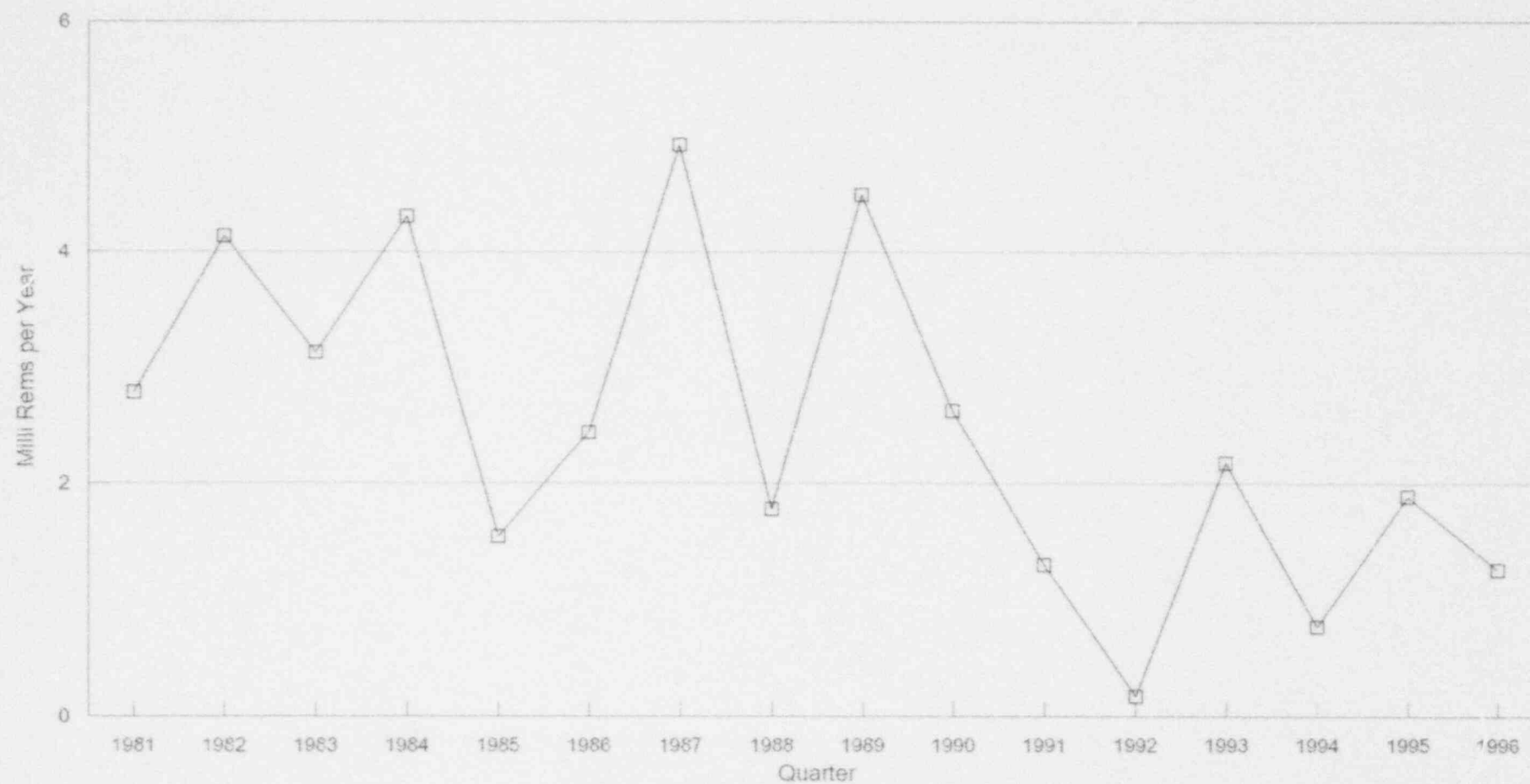
□ Bone

Average of the 4 Quarters

GRAPH 16

WHITE MESA MILL

50 Year Dose Commitment



□ Mass Average Lung

Average of the 4 Quarters

GRAPH 17

ENERGY FUELS NUCLEAR, INC.
WHITE MESA URANIUM MILL

MONITOR WELLS
ER QUALITY ANALYSIS
THIRD QUARTER
GROUNDWATER

[illegible]

ENERGY FUELS NUCLEAR, INC.
WHITE MESA MILL

MONITOR WELLS

[illegible]

TABLE 19

ENERGY FUELS NUCLEAR, INC.
WHITE MESA MILLQUALITY CONTROL DUPLICATE SAMPLES
THIRD QUARTER 1996

	Monitor Well 1	Blind Duplicate	Per Cent Difference	Monitor Well 15	Blind Duplicate	Per Cent Difference
Chloride	11.8	12	1.67%	38.3	37	3.39%
Nickel	0.05	0.05	0.00%	0.05	0.05	0.00%
Potassium	6.2	6.1	1.61%	9.1	9.1	0.00%
Sulfate	658	1983	66.82%	2315	2299	0.69%
Sodium	164	159	3.05%	447	450	0.67%
TDS	1270	1230	3.15%	3870	3870	0.00%
U	2E-10	1.22E-09	83.61%	2.7E-08	2.6E-08	3.70%

	Monitor** Well 13	Monitor** Well 13A	Monitor** Well 16	SPIKED SAMPLE	SPIKE VALUE	Per Cent Difference
Chloride	1.1	<1	<1	52.1	66.67	21.85%
Nickel	<0.05	<0.05	<0.05	0.53	0.618	14.24%
Potassium	<1	<1	<1	2.9	3.4	14.71%
Sulfate	<1	<1	<1	677	662	2.22%
Sodium	<1	1	<1	38.5	37	3.90%
TDS	1.6	1.7	<1	1020	1031	1.07%
U	<2E-10	4.1E-10	<2E-10	2.5E-06	2.1E-06	16.67%

FOURTH QUARTER 1996

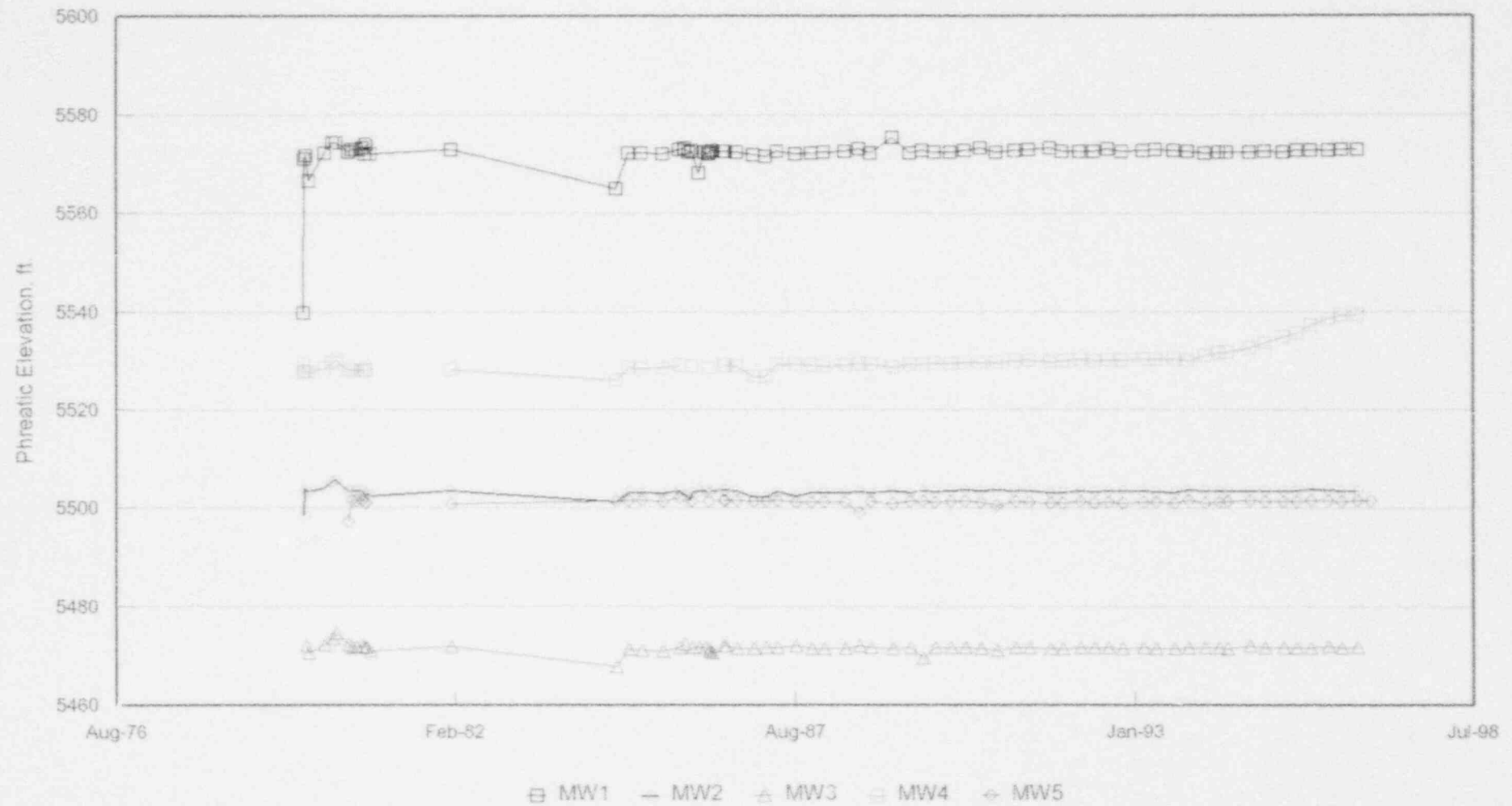
	Monitor Well 17	Blind Duplicate	Per Cent Difference	Monitor Well 17	In House Lab	Per Cent Difference
Sodium	702	702	0.00%	702	680	3.13%
Potassium	12.8	12.8	0.00%	12.8	12.8	0.00%
Chloride	32	27.2	15.00%	32	29	9.38%
Sulfate	2450	2500	2.00%	2450	2463	0.53%
Arsenic	<0.001	<0.001	0.00%	0.001	0.004	75.00%
Nickel	<0.05	<0.05	0.00%	0.05	0.104	51.92%
Selenium	0.009	0.001	88.89%	0.009	0.02	55.00%
U-Natural	1.4E-08	1.4E-08	0.00%	1.4E-08	1.4E-08	0.00%
Ra-226	5E-13	2E-13	100.00%	3.0E-13		
Th-230	<2E-13	<2E-13	0.00%	4.0E-13		
Pb-210	<1E-12	<1E-12	0.00%	<1E-12		

	Monitor Well 15	In House Lab	Per Cent Difference	Monitor** Well 13	SPIKED VALUE	SPIKED RESULT	Per Cent Difference
Sodium	507	488	3.75%	<1	57	55.2	3.16%
Potassium	9.8	12.3	20.33%	<1	11.4	10.9	4.39%
Chloride	37.4	40	6.50%	<1	160	718	77.72%
Sulfate	2220	2270	2.20%	1	1600	0.99	99.94%
Arsenic	0.001	0.002	50.00%	<0.001	5.7	5.31	6.84%
Nickel	<0.05	0.104	100.00%	<0.05	5.7	4.93	13.51%
Selenium	0.047	0.102	53.92%	<0.001	5.7	5.81	1.89%
U-Natural	2.7E-08	3.8E-08	28.95%	2.00E-10	0.57	0.585	2.56%
Ra-226	<2E-13			<2E-13			
Th-230	<2E-13			<2E-13			
Pb-210	<1E-12			<1E-12			

** Actual flushing of hose reel with a blank of de-ionized water, recirculated for 30 minutes

ENERGY FUELS NUCLEAR, INC.

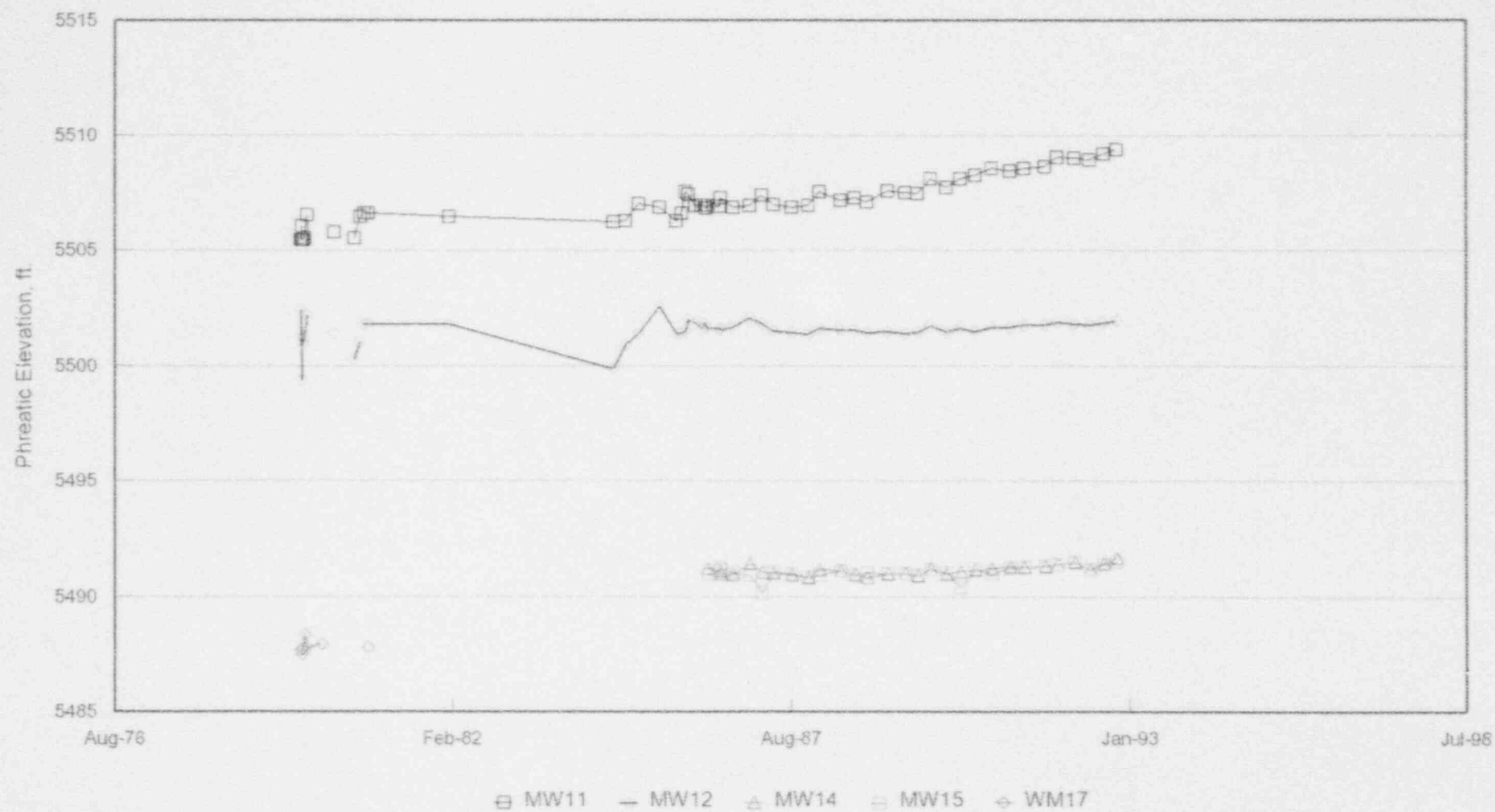
WHITE MESA MILL



GRAPH 18

ENERGY FUELS NUCLEAR, INC.

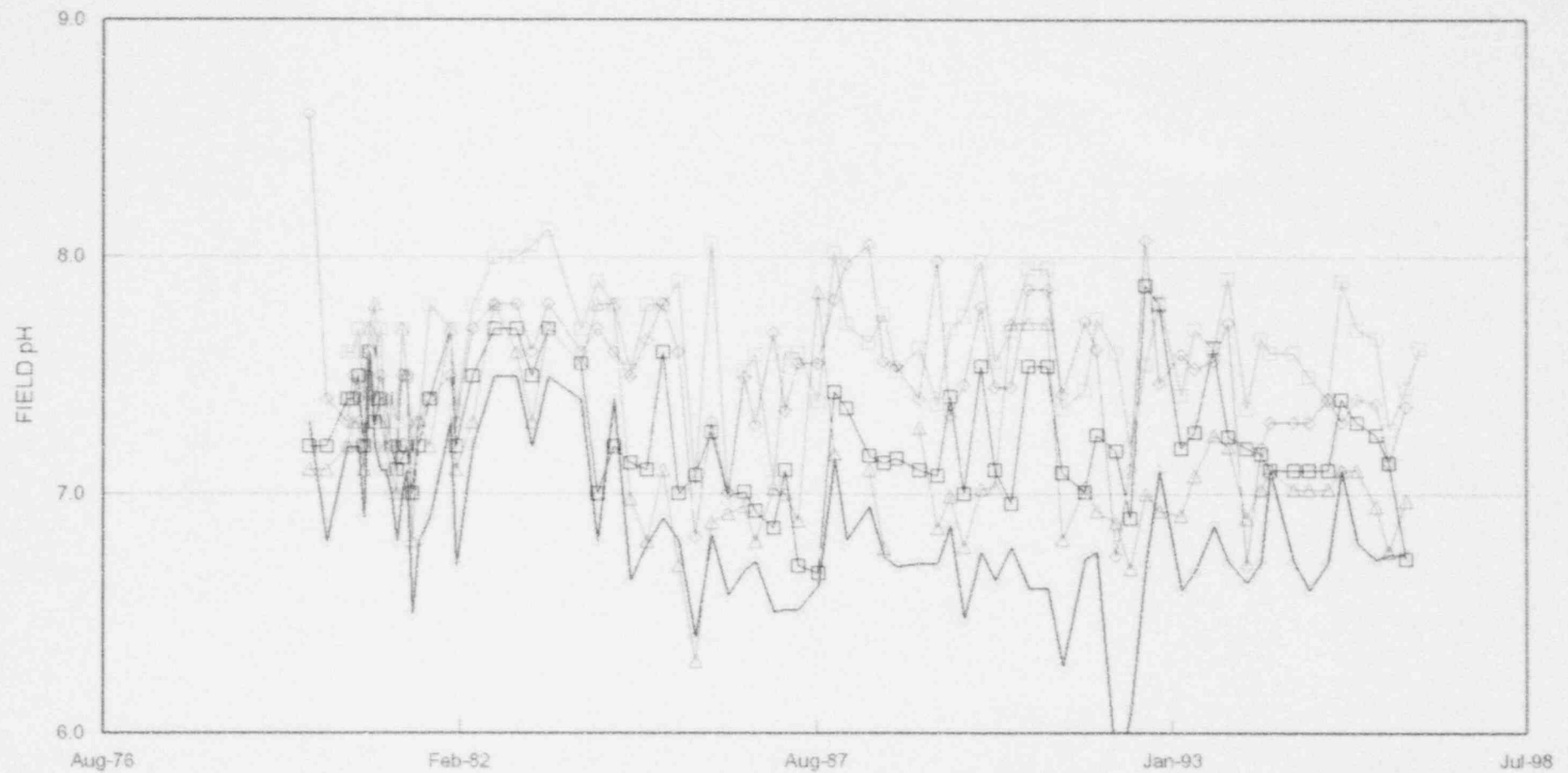
WHITE MESA MILL



GRAPH 19

ENERGY FUELS NUCLEAR, INC.

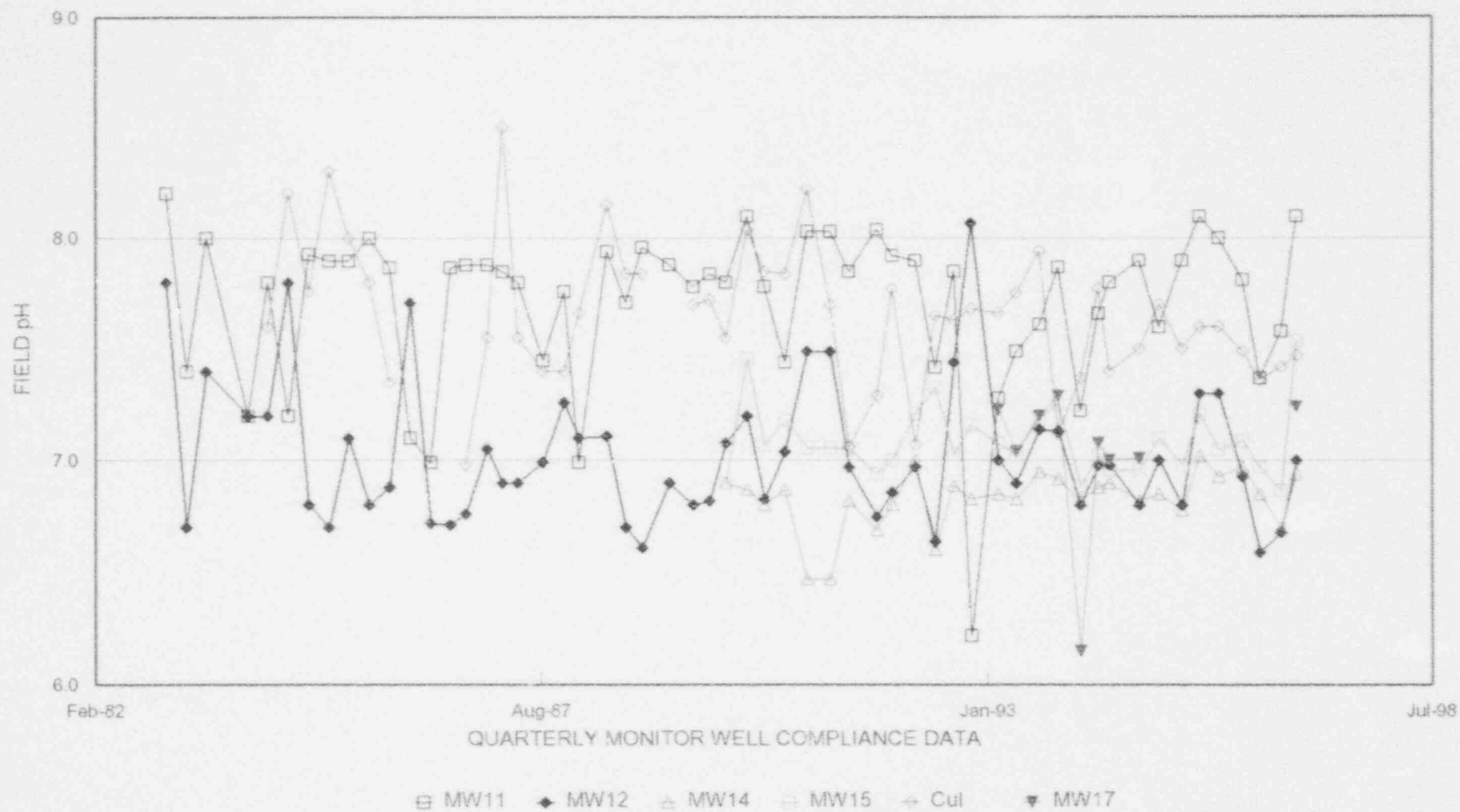
WHITE MESA MILL



□ MW2 + MW3 △ MW4 ○ MW5 ◇ MW1

GRAPH 20

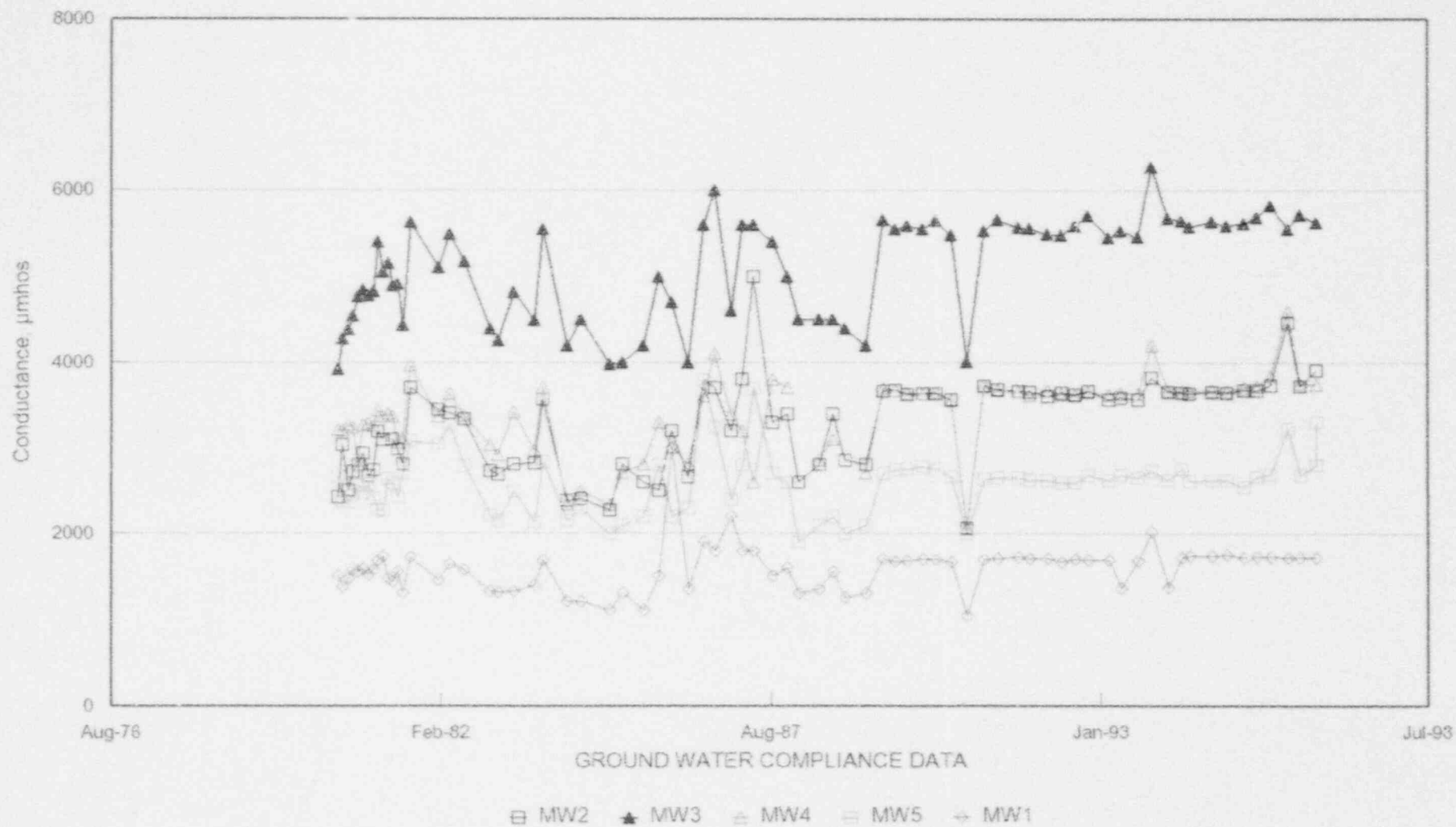
ENERGY FUELS NUCLEAR, INC.
WHITE MESA MILL



GRAPH 21

ENERGY FUELS NUCLEAR, INC.

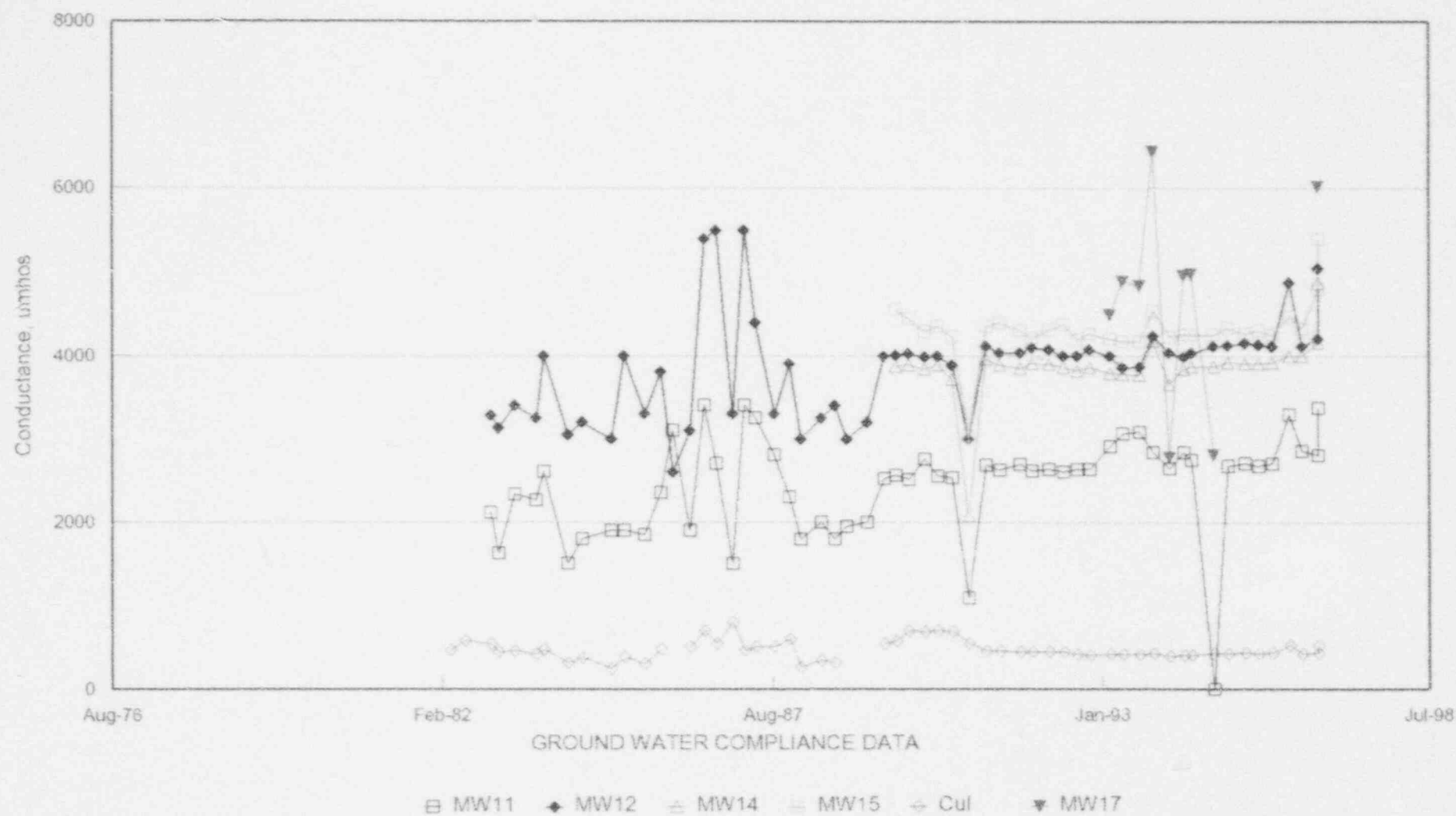
WHITE MESA MILL



GRAPH 22

ENERGY FUELS NUCLEAR, INC.

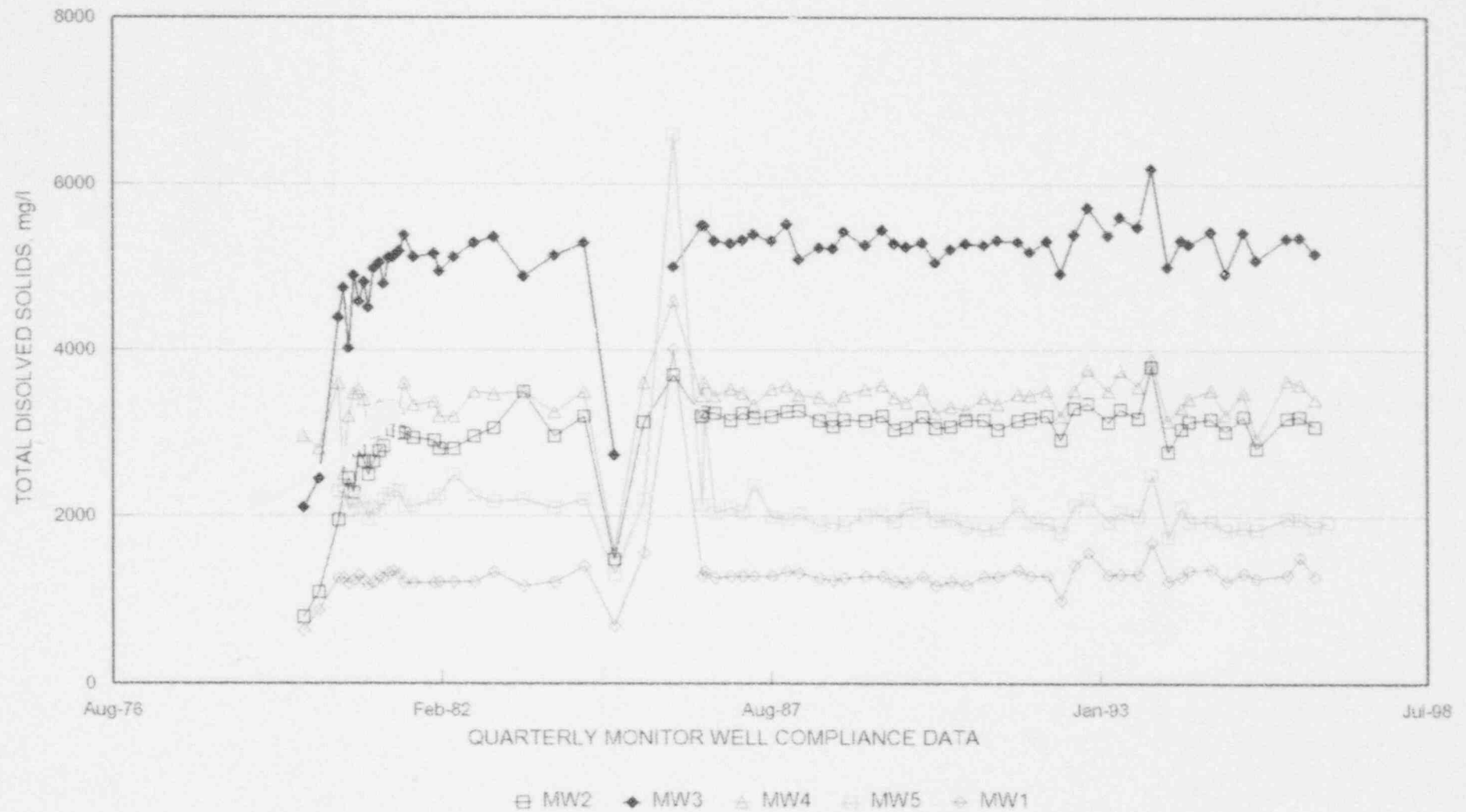
WHITE MESA MILL



GRAPH 23

ENERGY FUELS NUCLEAR, INC.

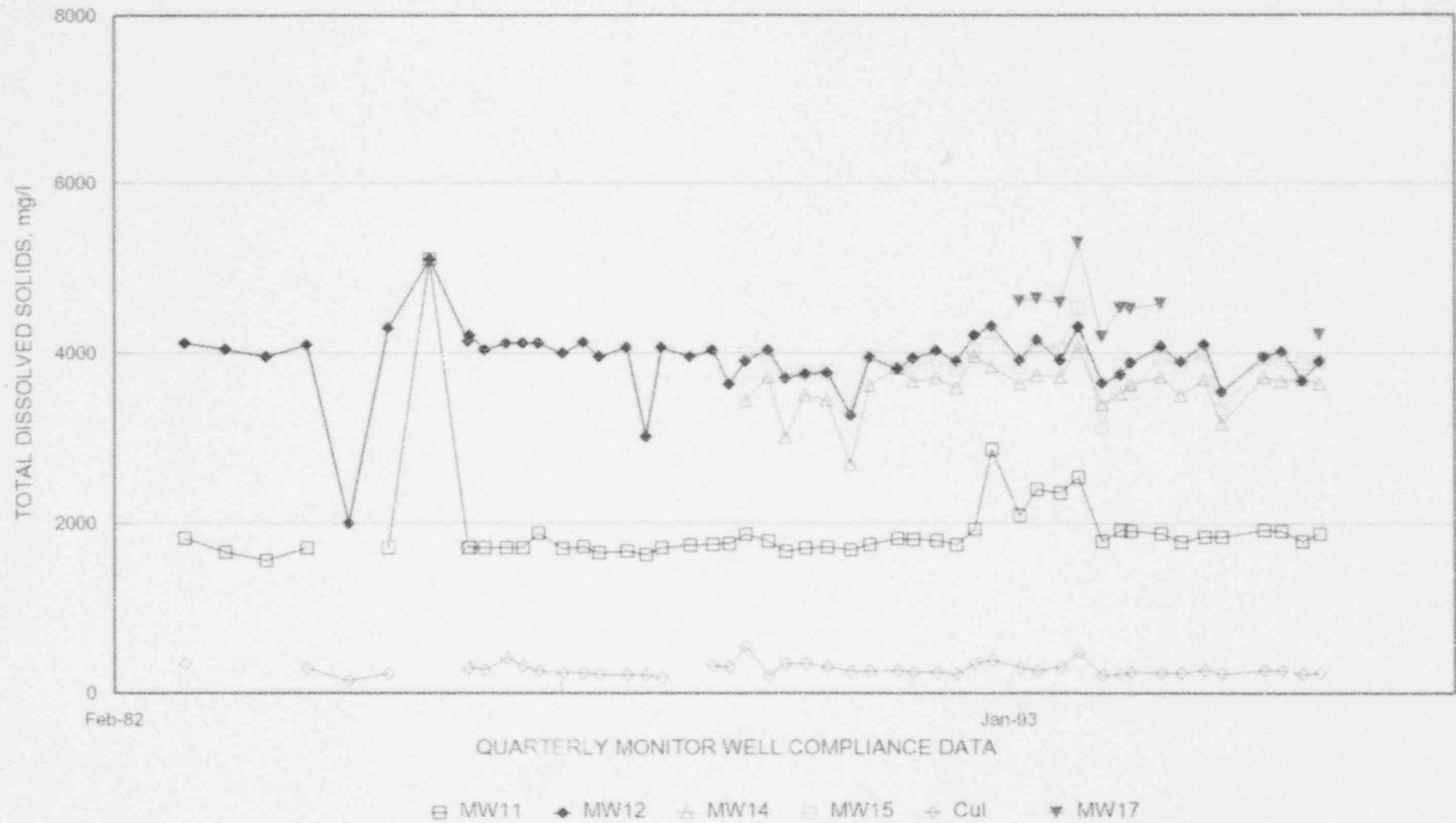
WHITE MESA MILL



GRAPH 24

ENERGY FUELS NUCLEAR, INC.

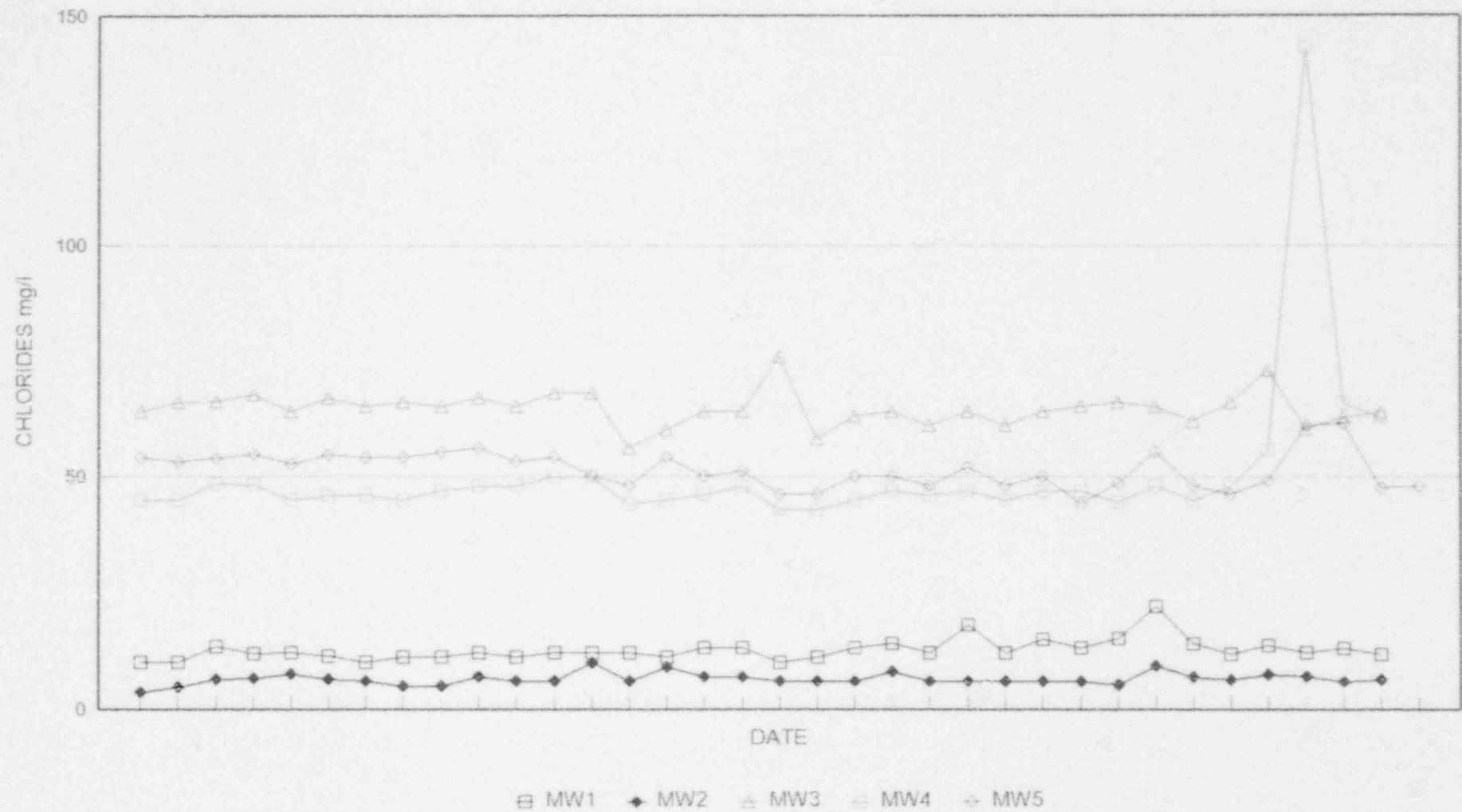
WHITE MESA MILL



GRAPH 25

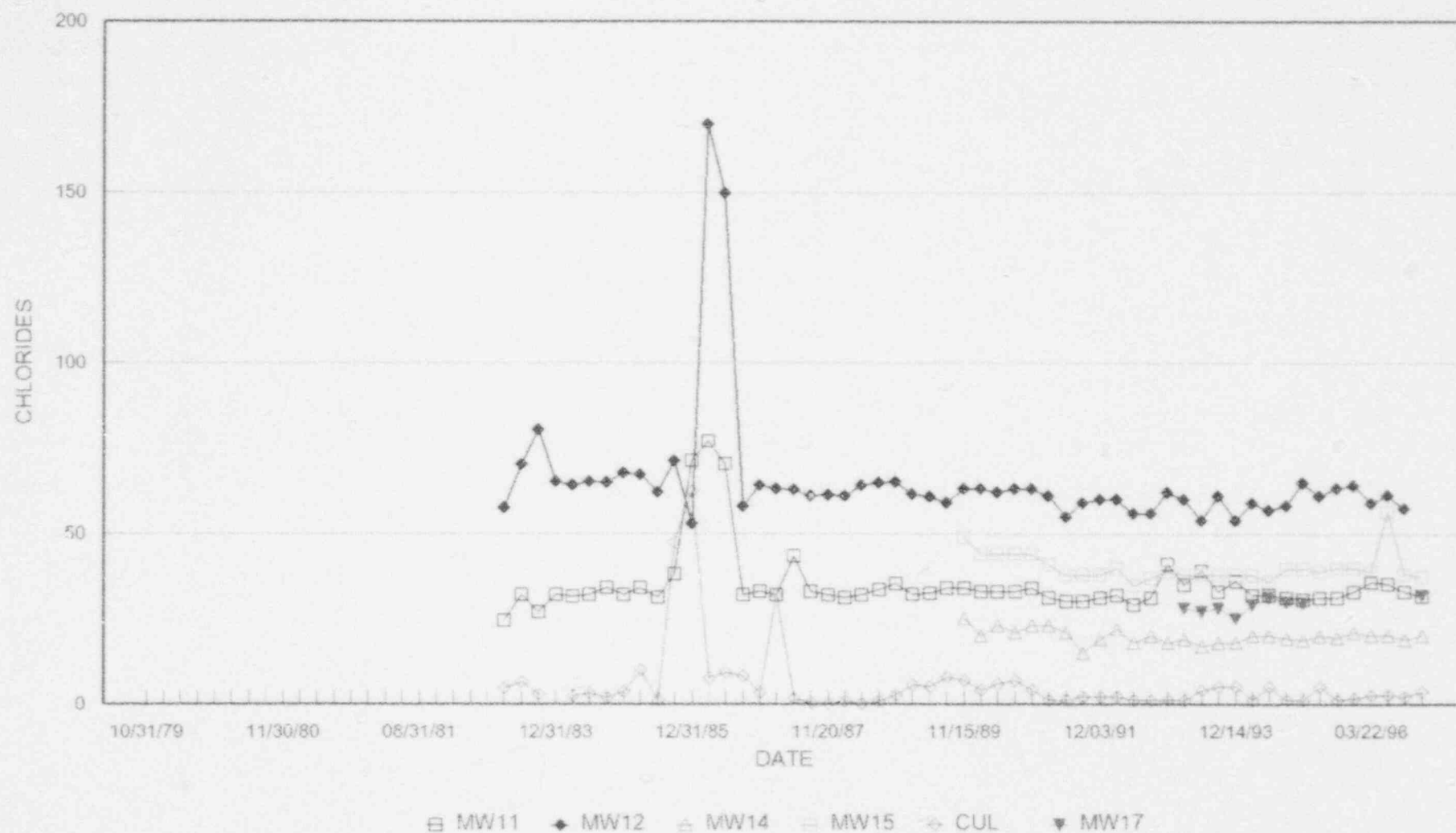
ENERGY FUELS NUCLEAR, INC.

WHITE MESA MILL



GRAPH 26

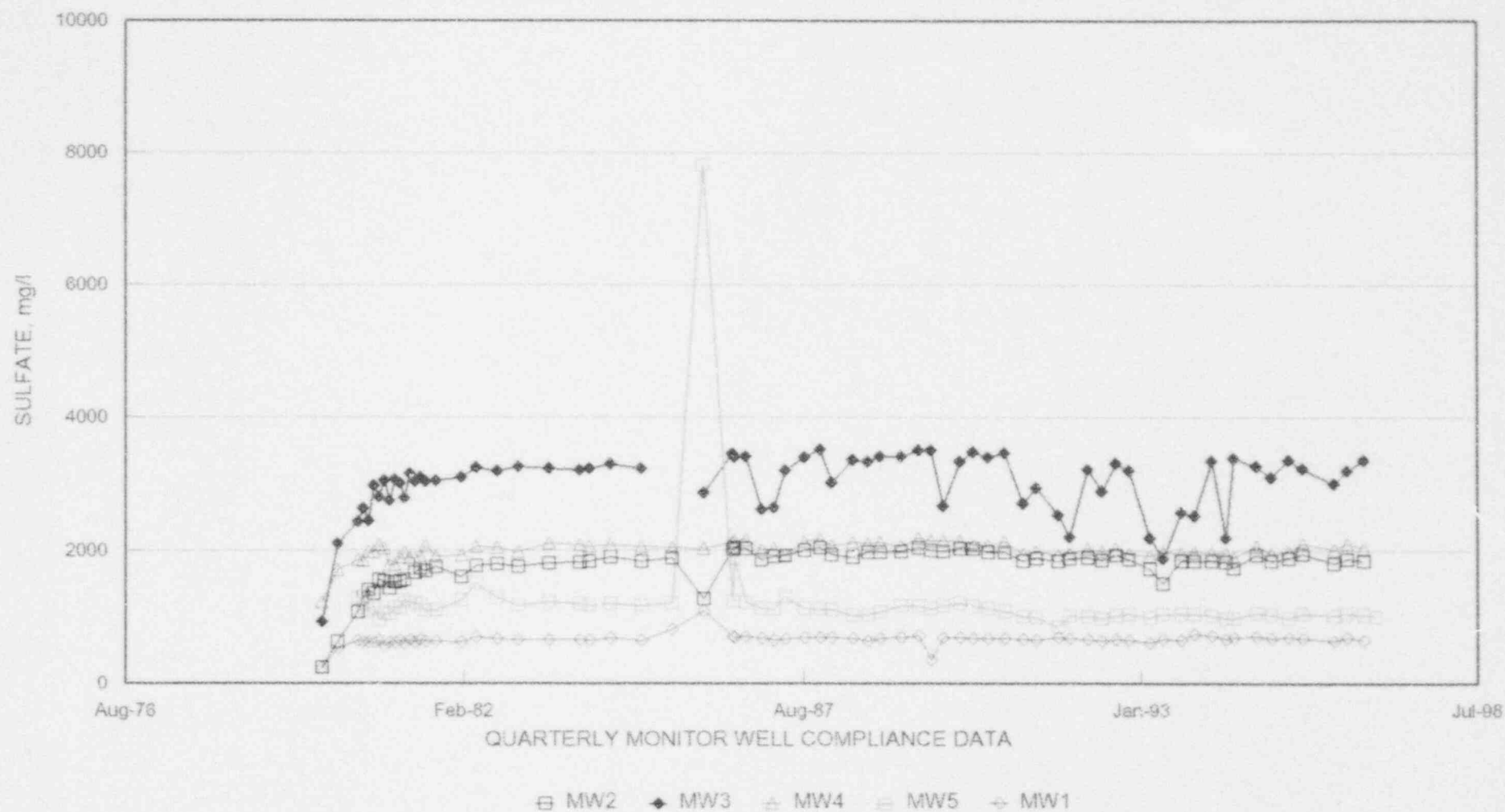
ENERGY FUELS NUCLEAR, INC.
WHITE MESA MILL



GRAPH 27

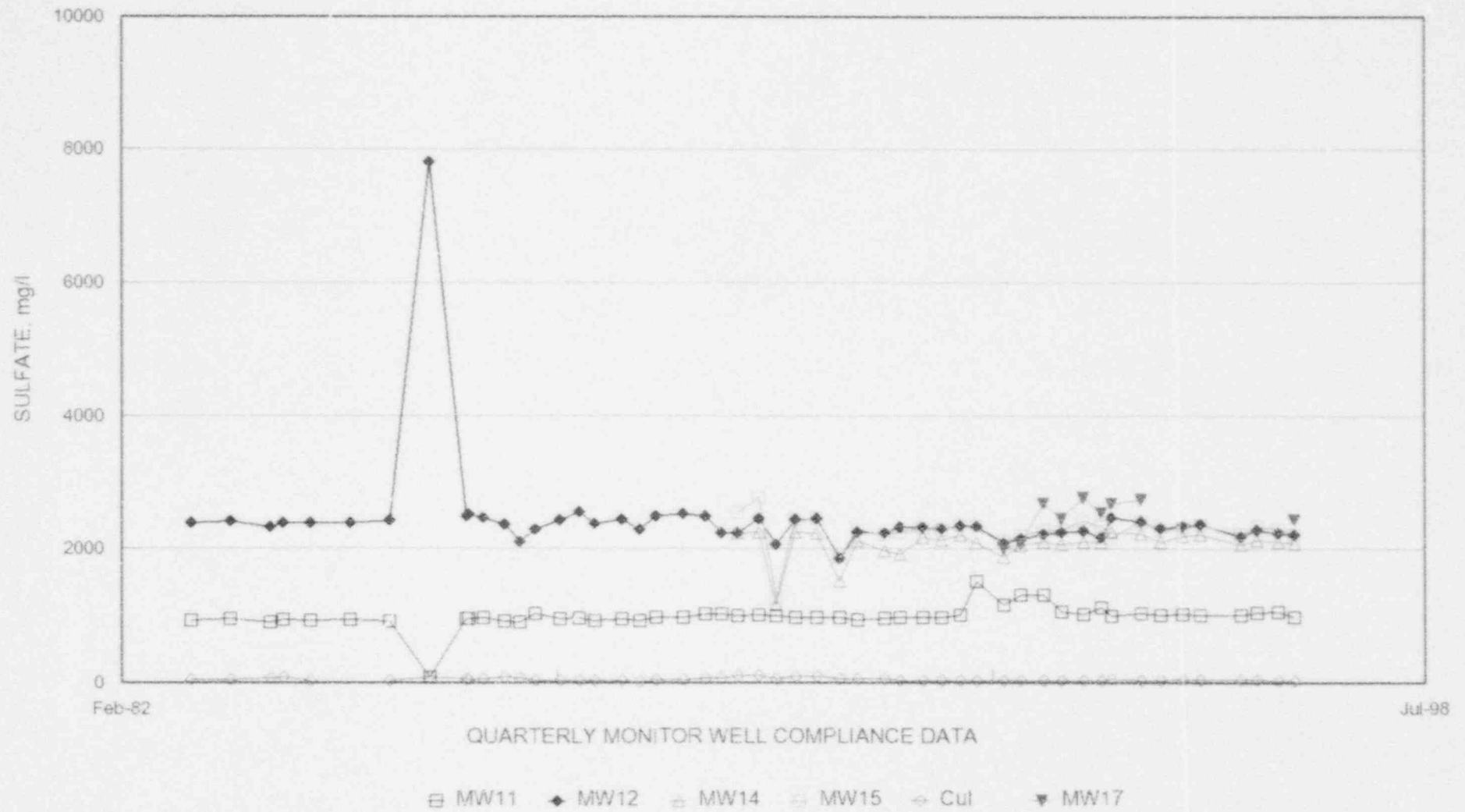
ENERGY FUELS NUCLEAR, INC.

WHITE MESA MILL



GRAPH 28

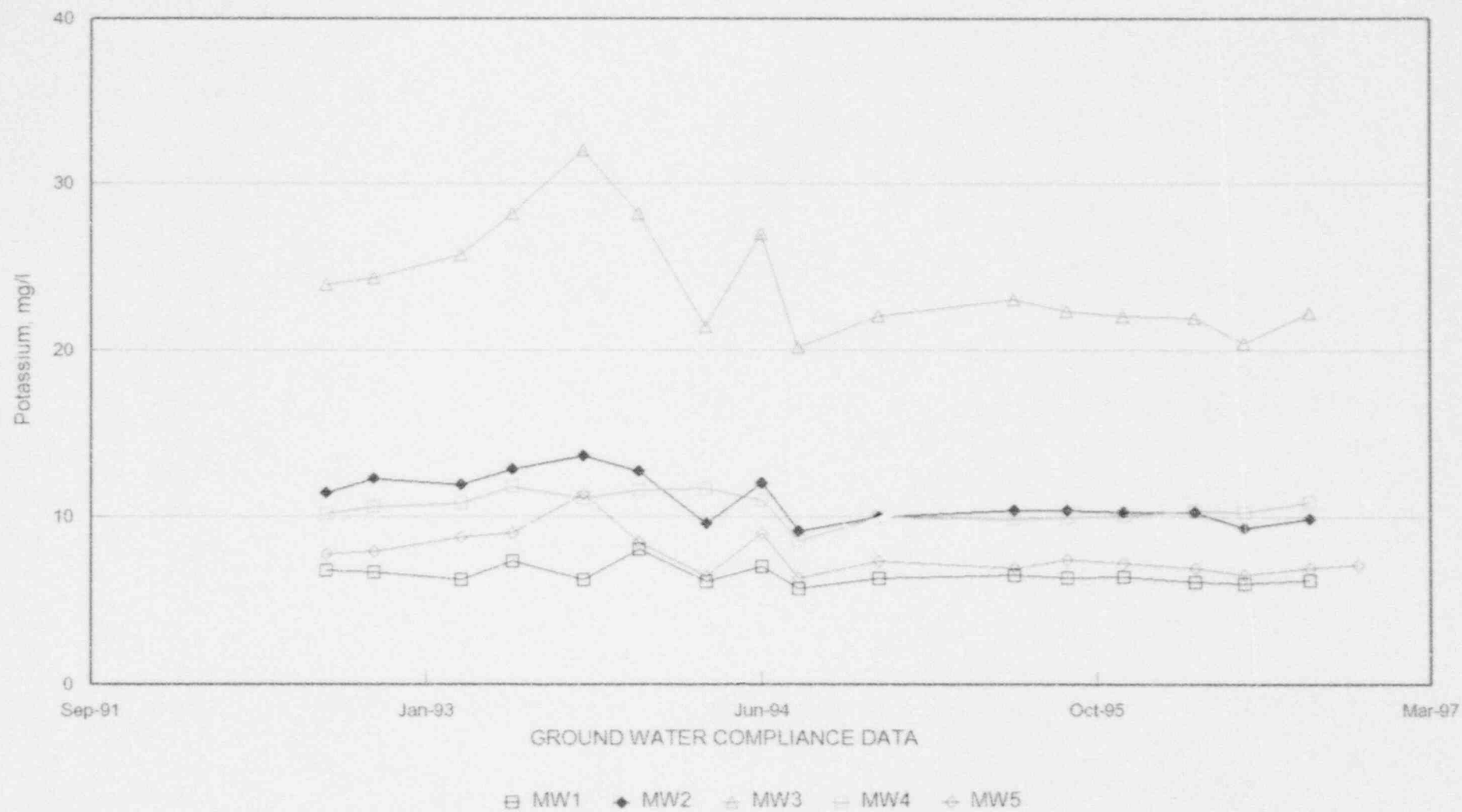
WHITE MESA MILL



GRAPH 29

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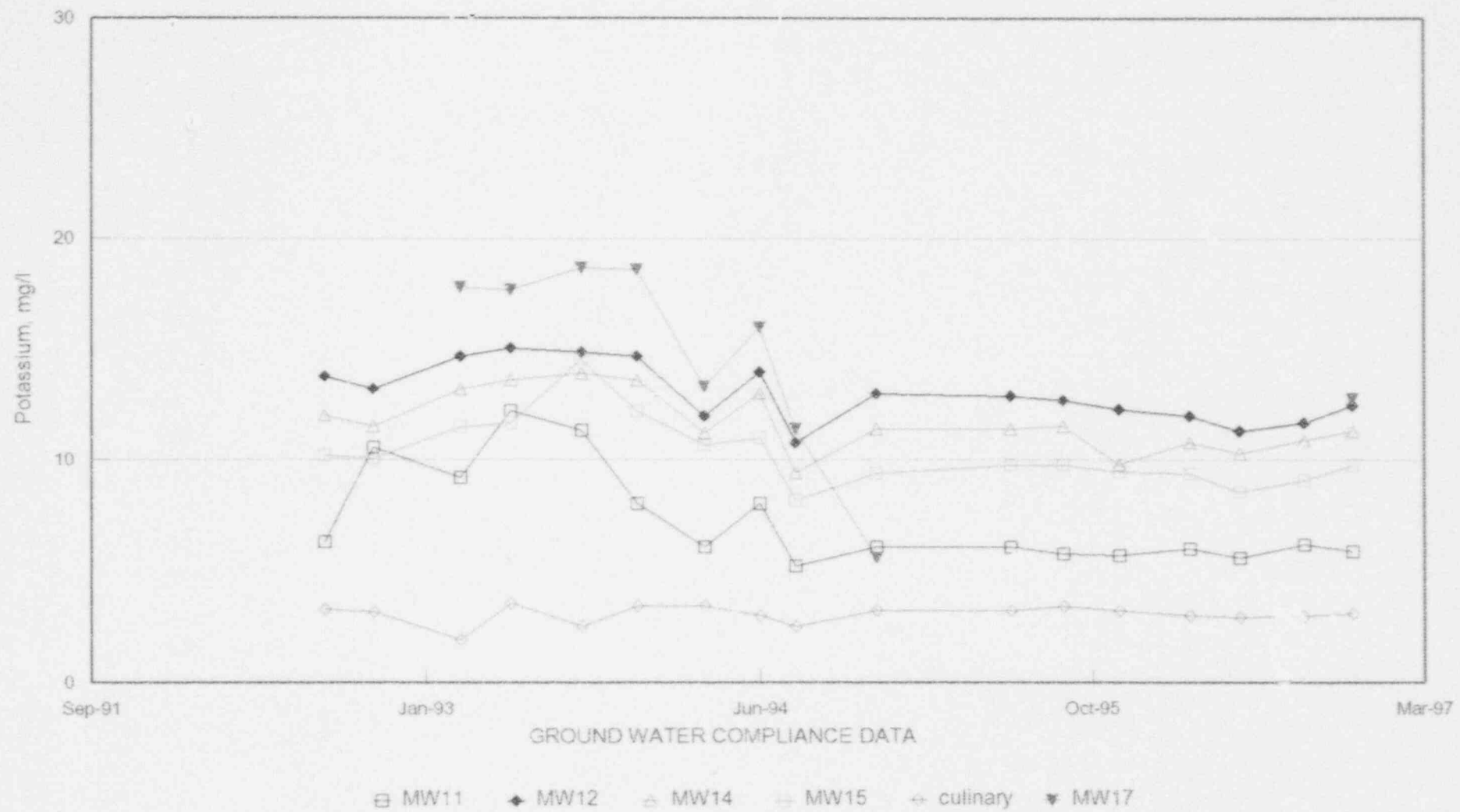
WHITE MESA MILL



GRAPH 30

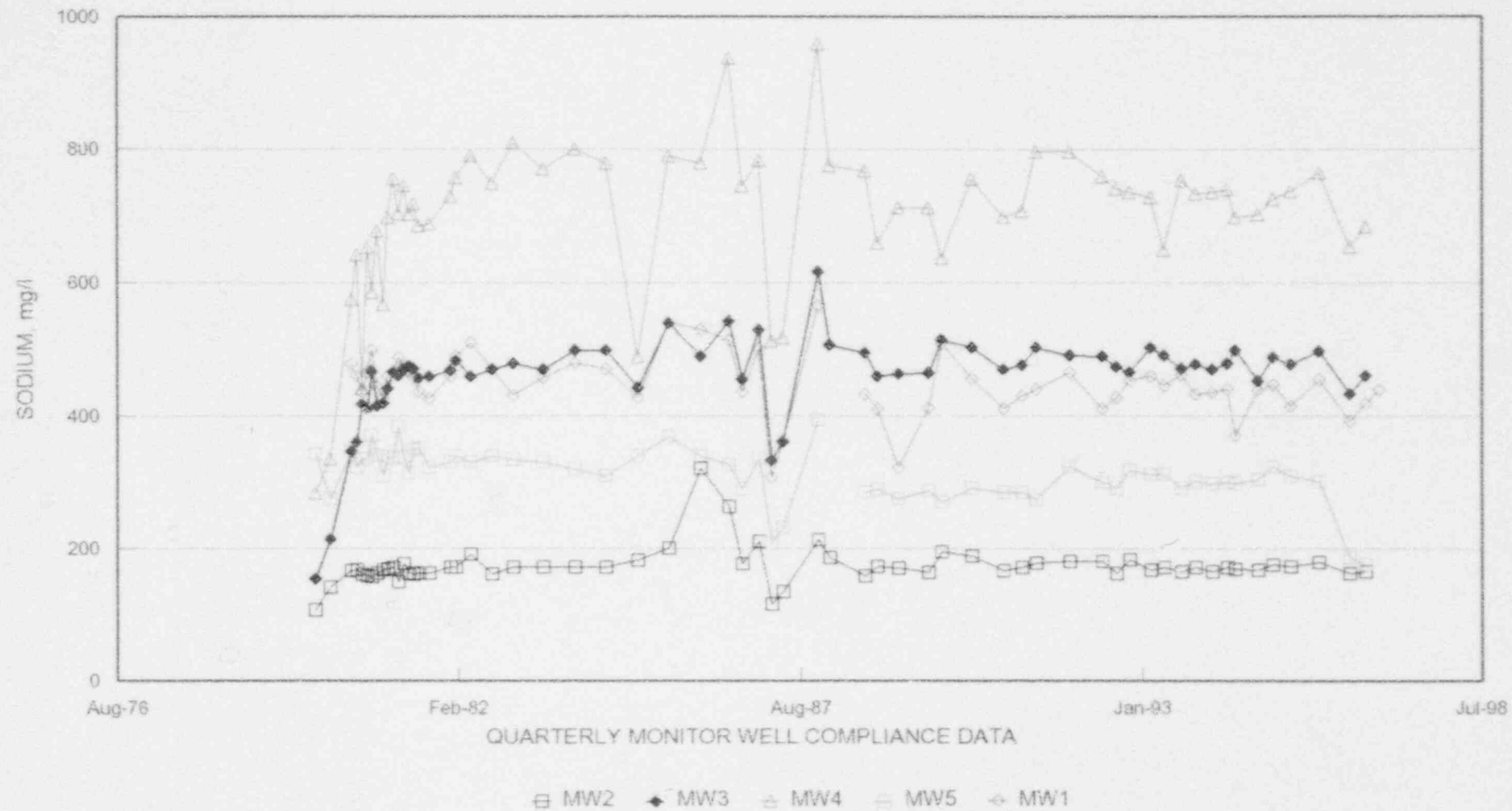
ENERGY FUELS NUCLEAR, INC.

WHITE MESA MILL



GRAPH 31

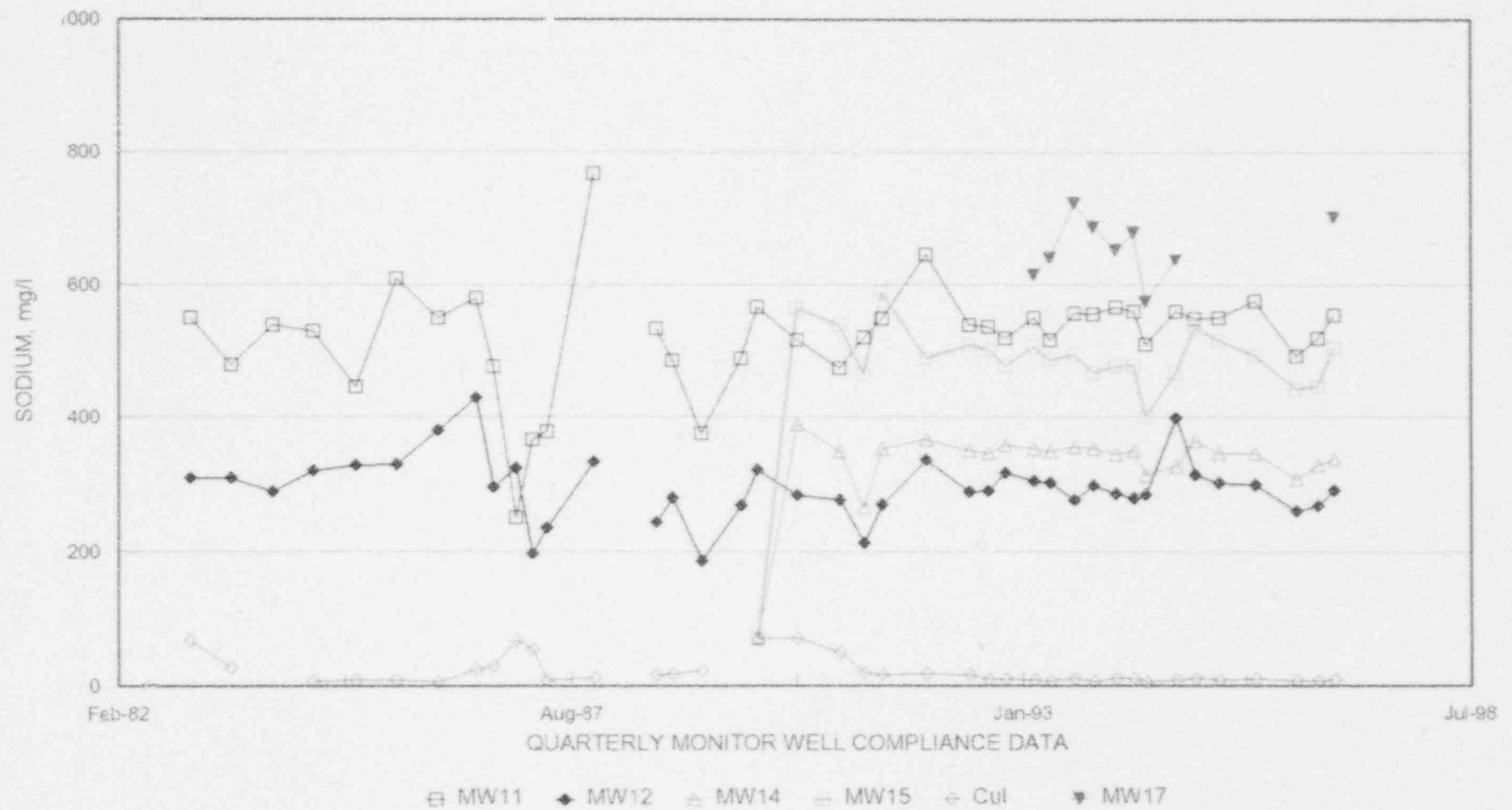
ENERGY FUELS NUCLEAR, INC.
WHITE MESA MILL



GRAPH 32

ENERGY FUELS NUCLEAR, INC.

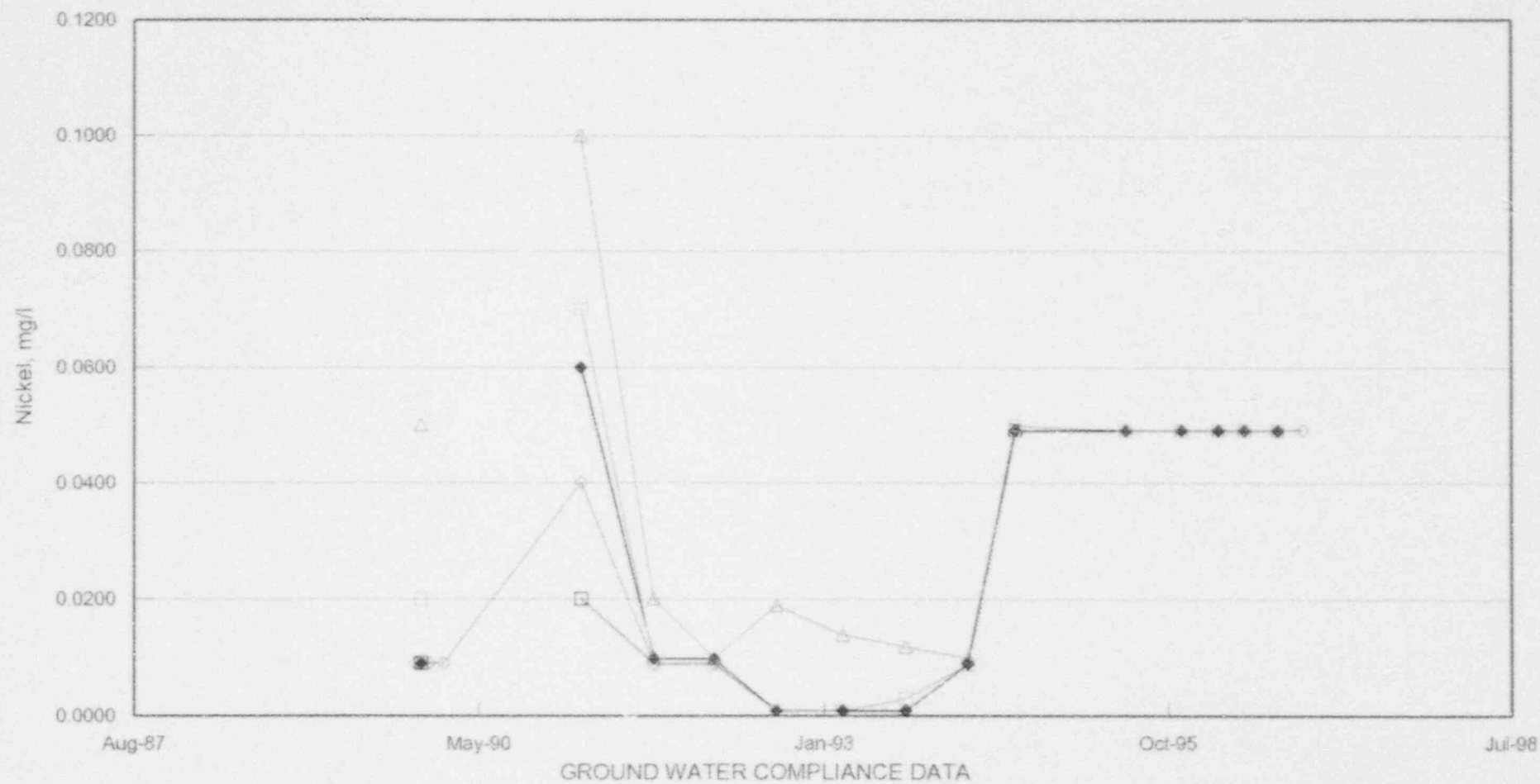
WHITE MESA MILL



Graph 33

ENERGY FUELS NUCLEAR, INC.

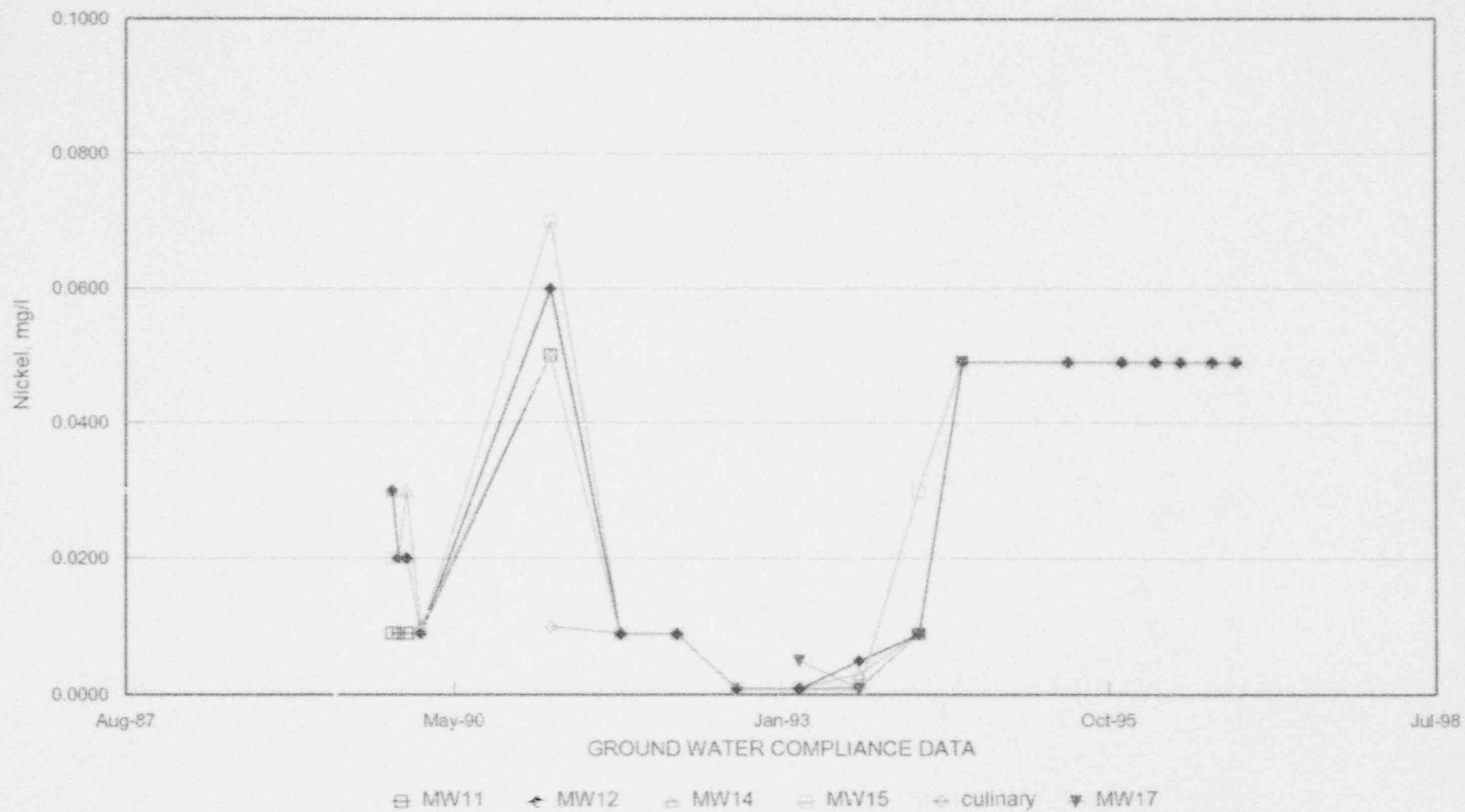
WHITE MESA MILL



GRAPH 34

ENERGY FUELS NUCLEAR, INC.

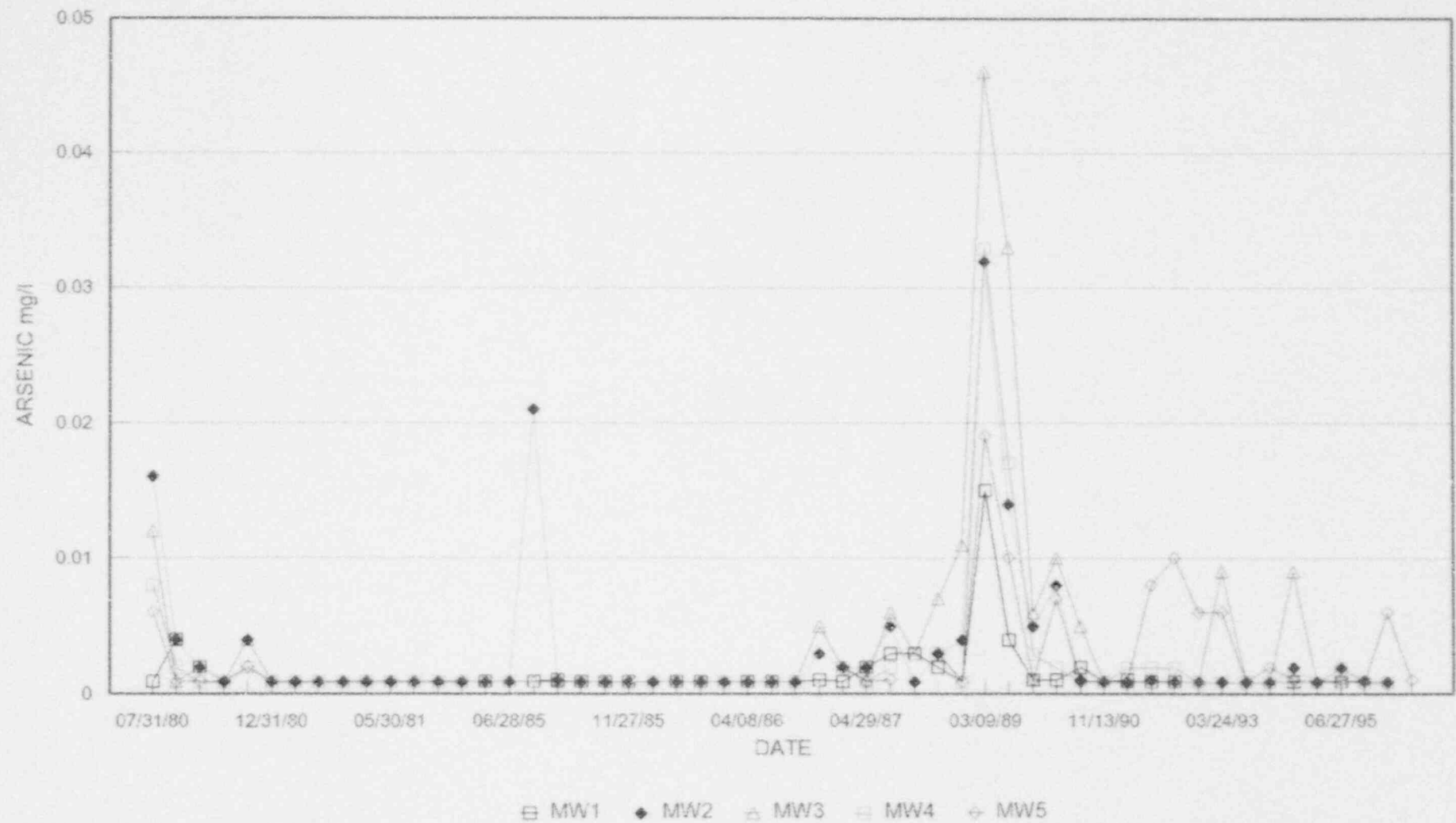
WHITE MESA MILL



GRAPH 35

ENERGY FUELS NUCLEAR, INC.

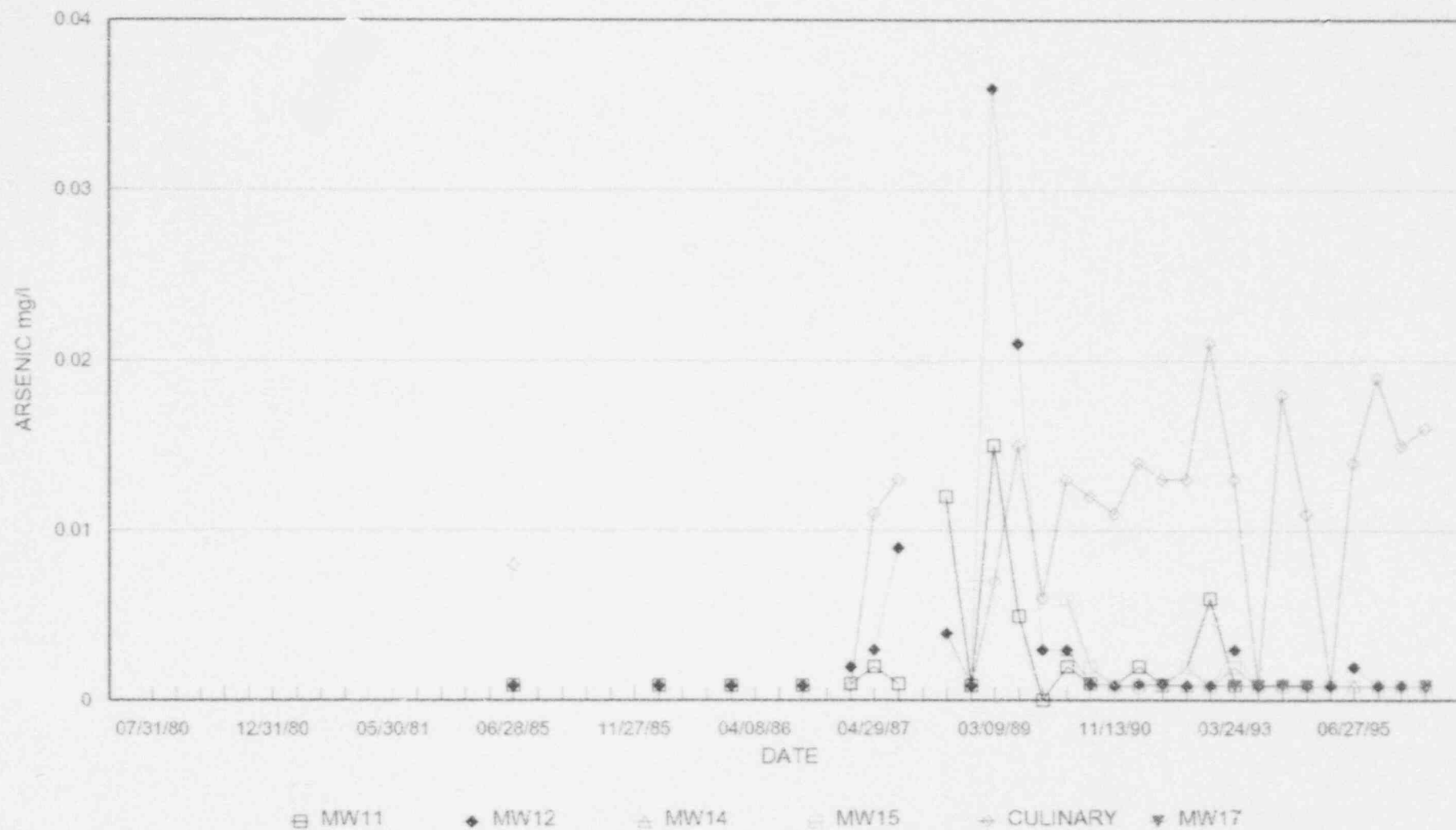
WHITE MESA MILL



GRAPH 36

ENERGY FUELS NUCLEAR, INC.

WHITE MESA MILL



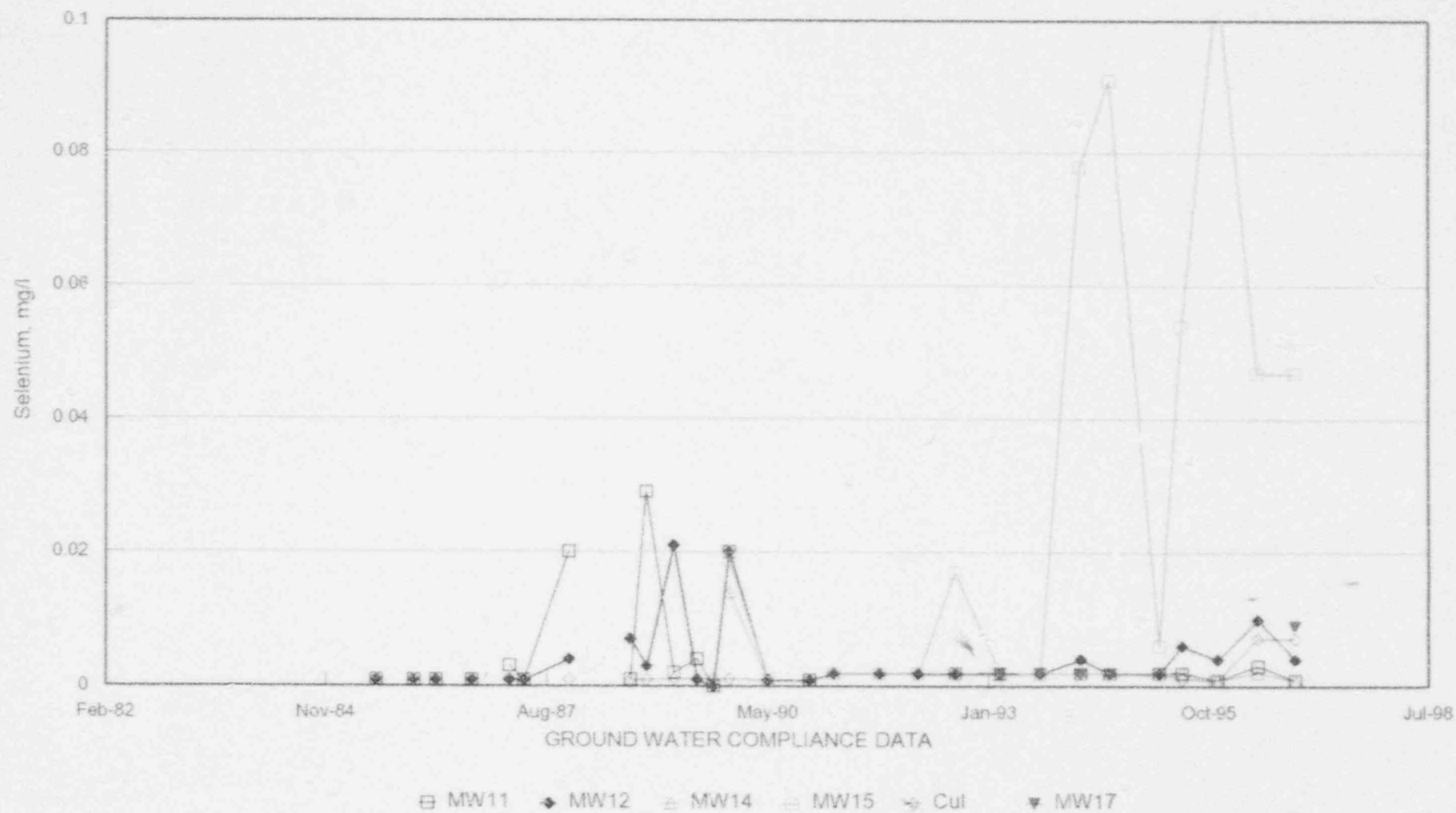
GRAPH 37

WHITE MESA MILL



ENERGY FUELS NUCLEAR, INC.

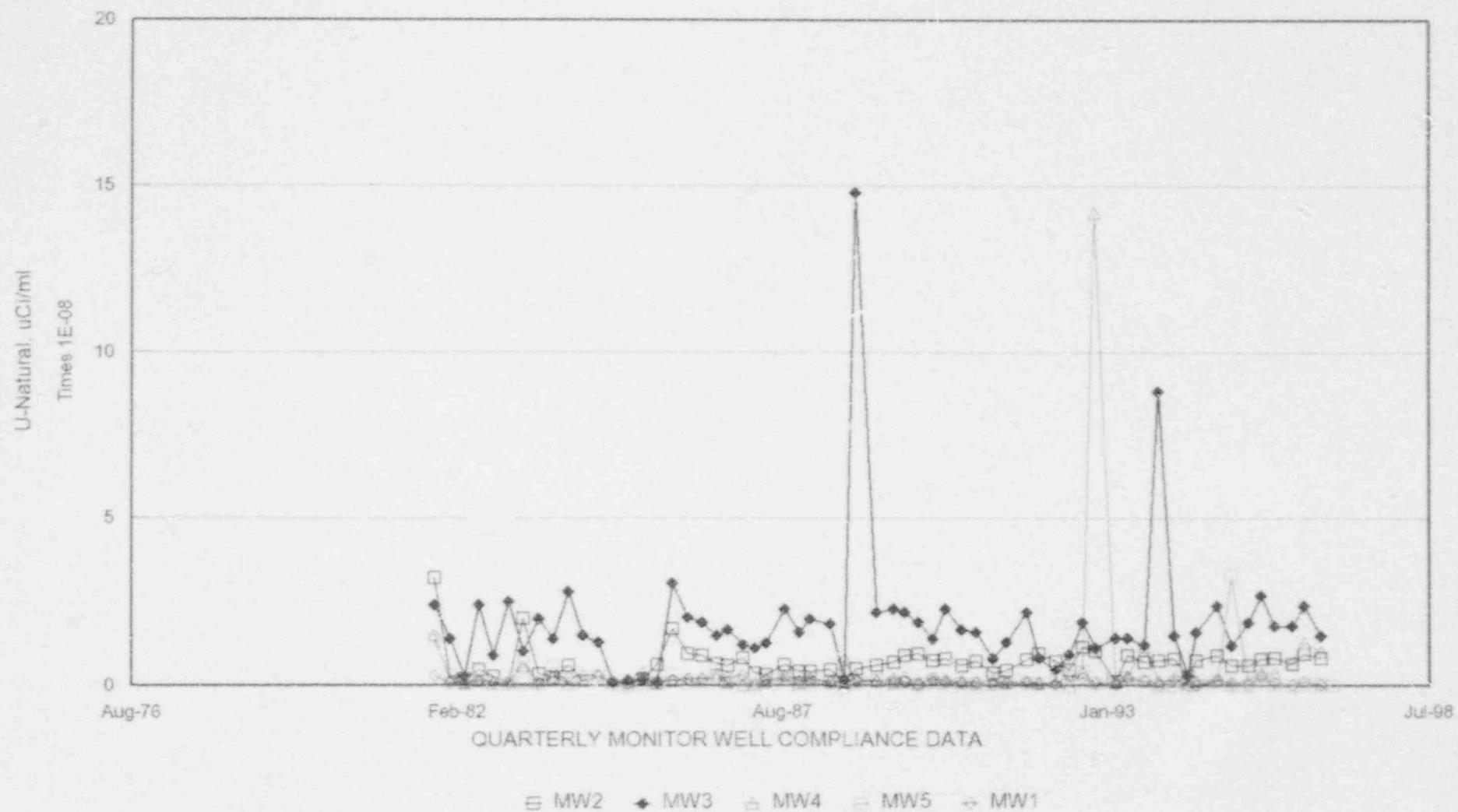
WHITE MESA MILL



GRAPH 39

ENERGY FUELS NUCLEAR, INC.

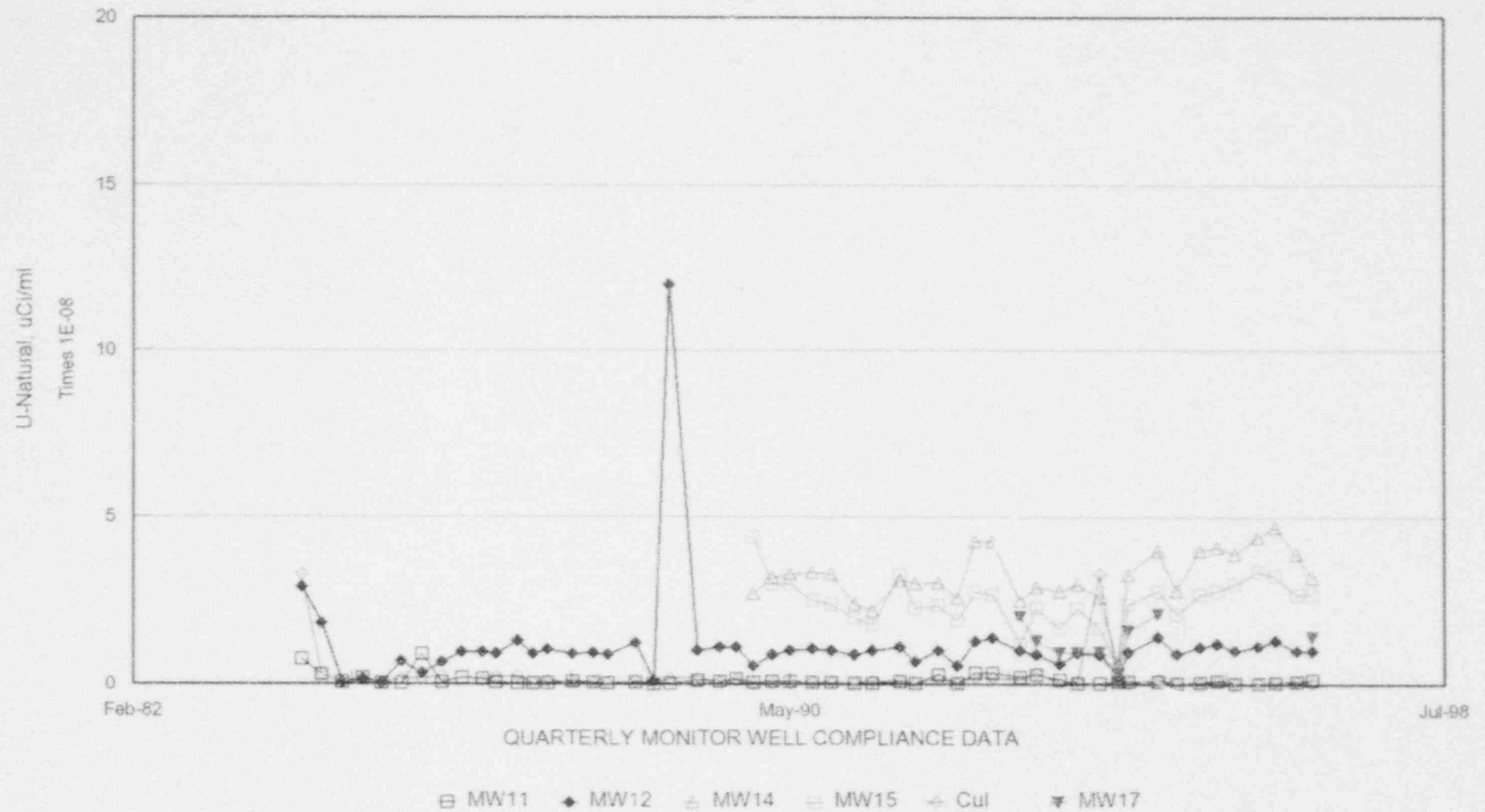
WHITE MESA MILL



GRAPH 40

ENERGY FUELS NUCLEAR, INC.

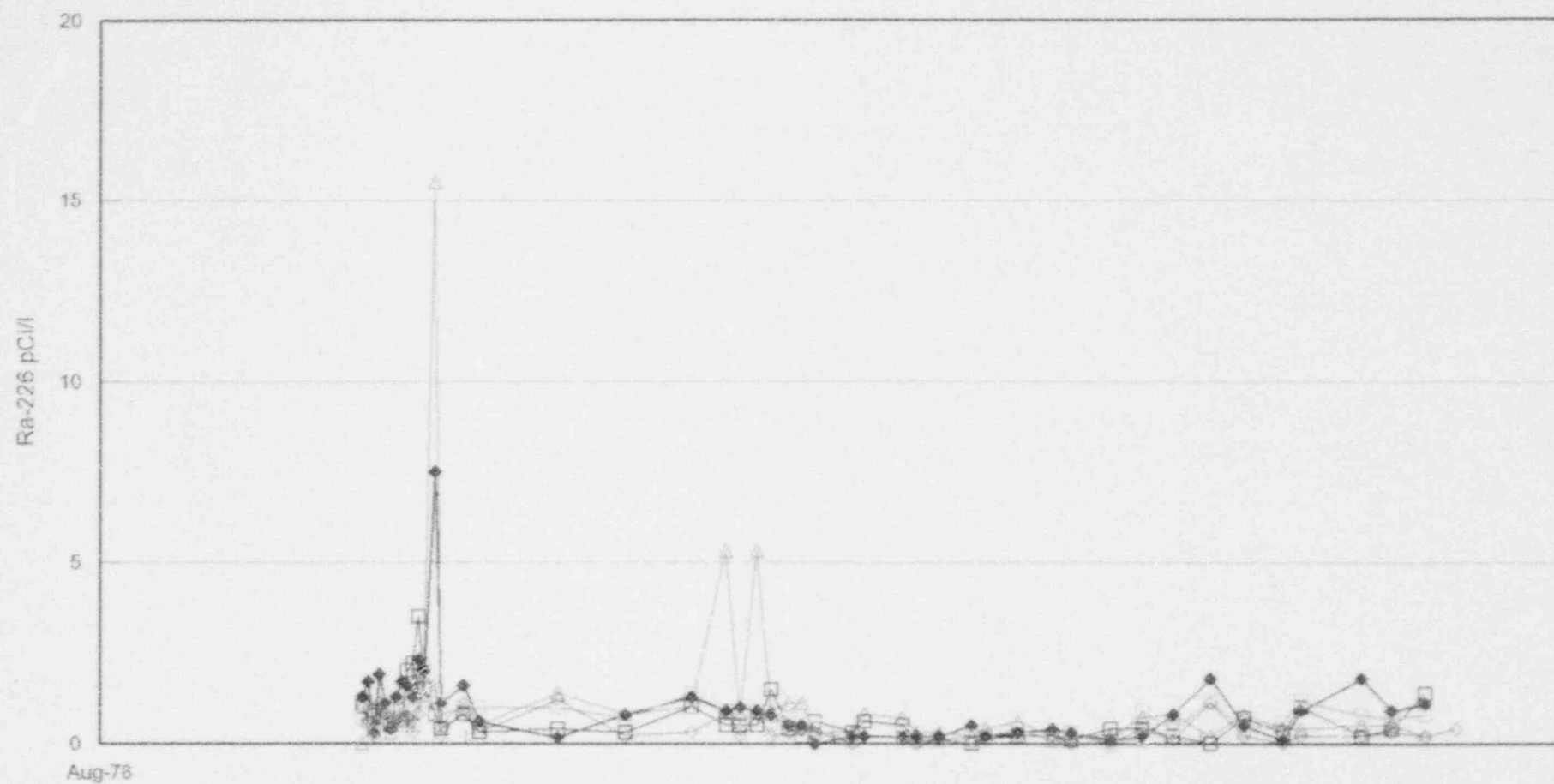
WHITE MESA MILL



GRAPH 41

ENERGY FUELS NUCLEAR, INC.

WHITE MESA MILL



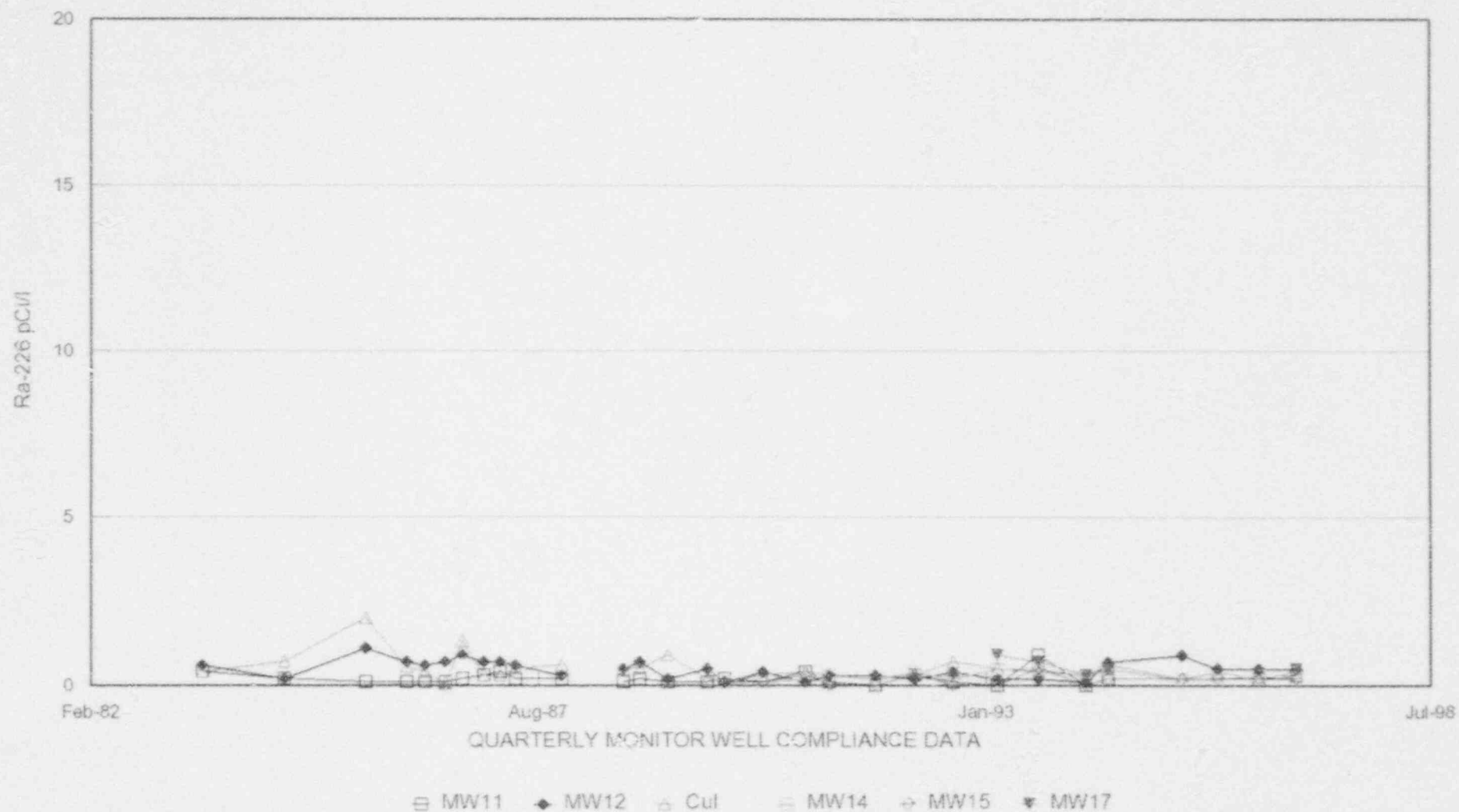
QUARTERLY MONITOR WELL COMPLIANCE DATA

□ MW1 ♦ MW2 △ MW3 ▨ MW4 ◇ MW5

GRAPH 42

ENERGY FUELS NUCLEAR, INC.

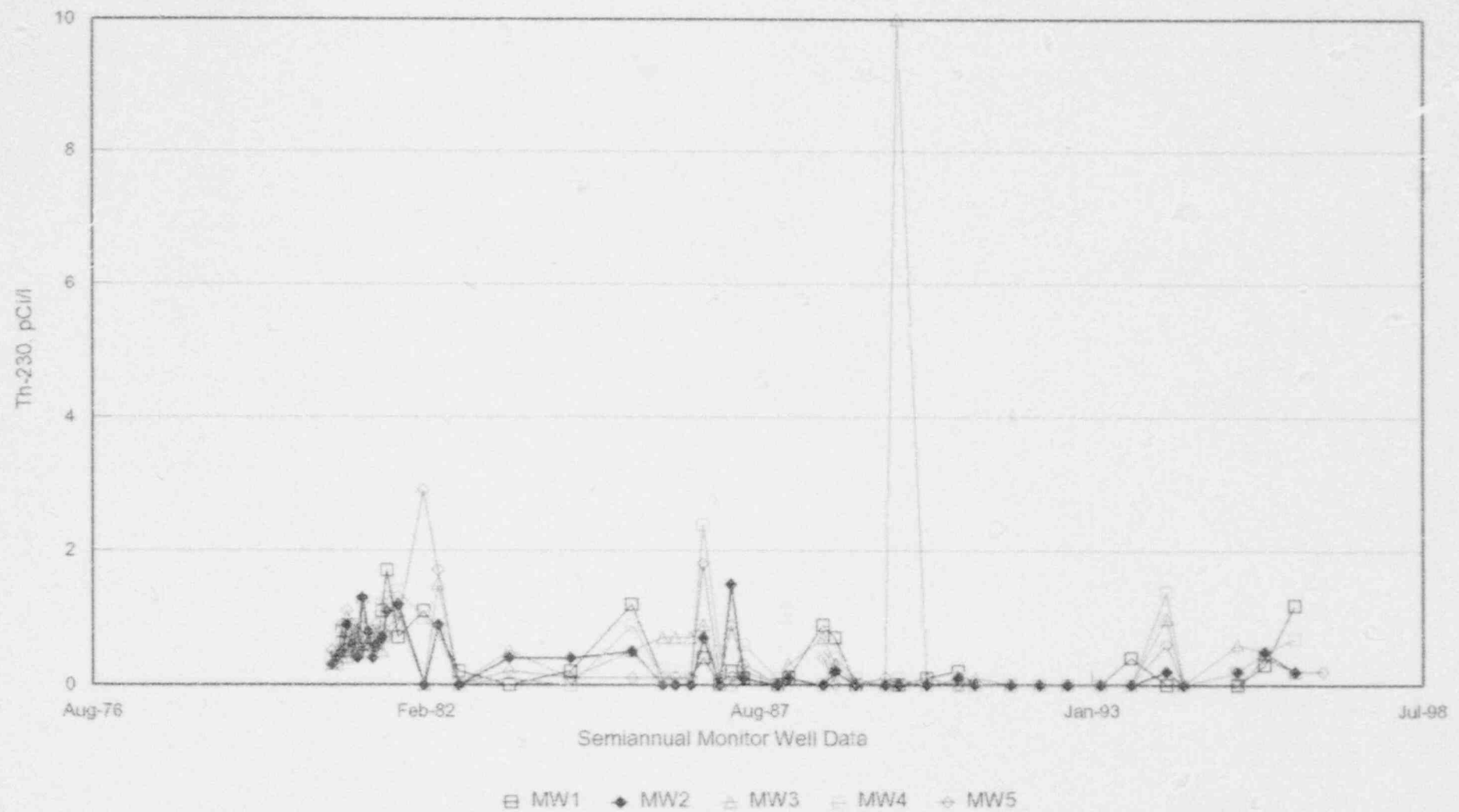
WHITE MESA MILL



GRAPH 43

ENERGY FUELS NUCLEAR, INC.

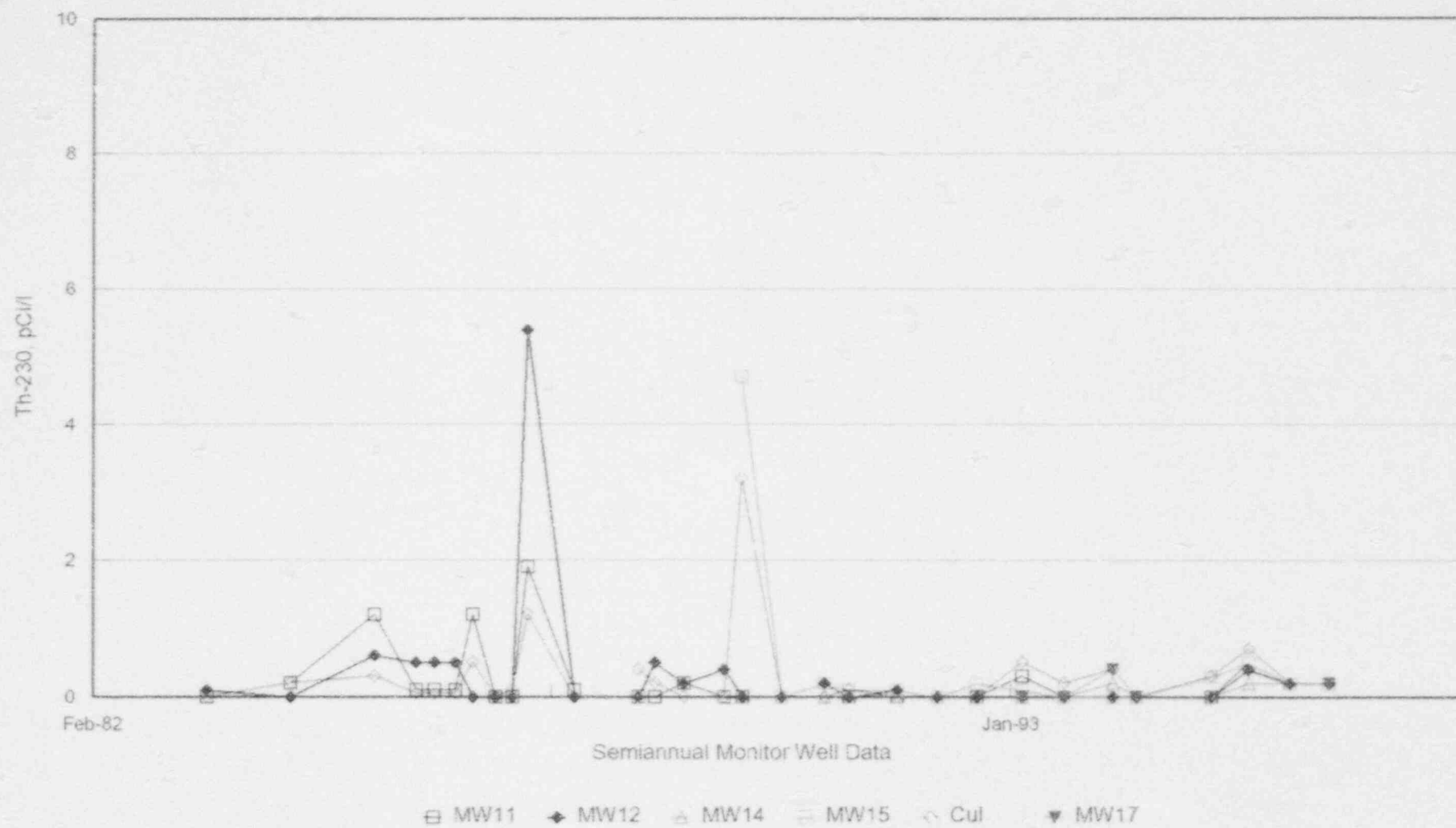
WHITE MESA MILL



GRAPH 44

ENERGY FUELS NUCLEAR, INC.

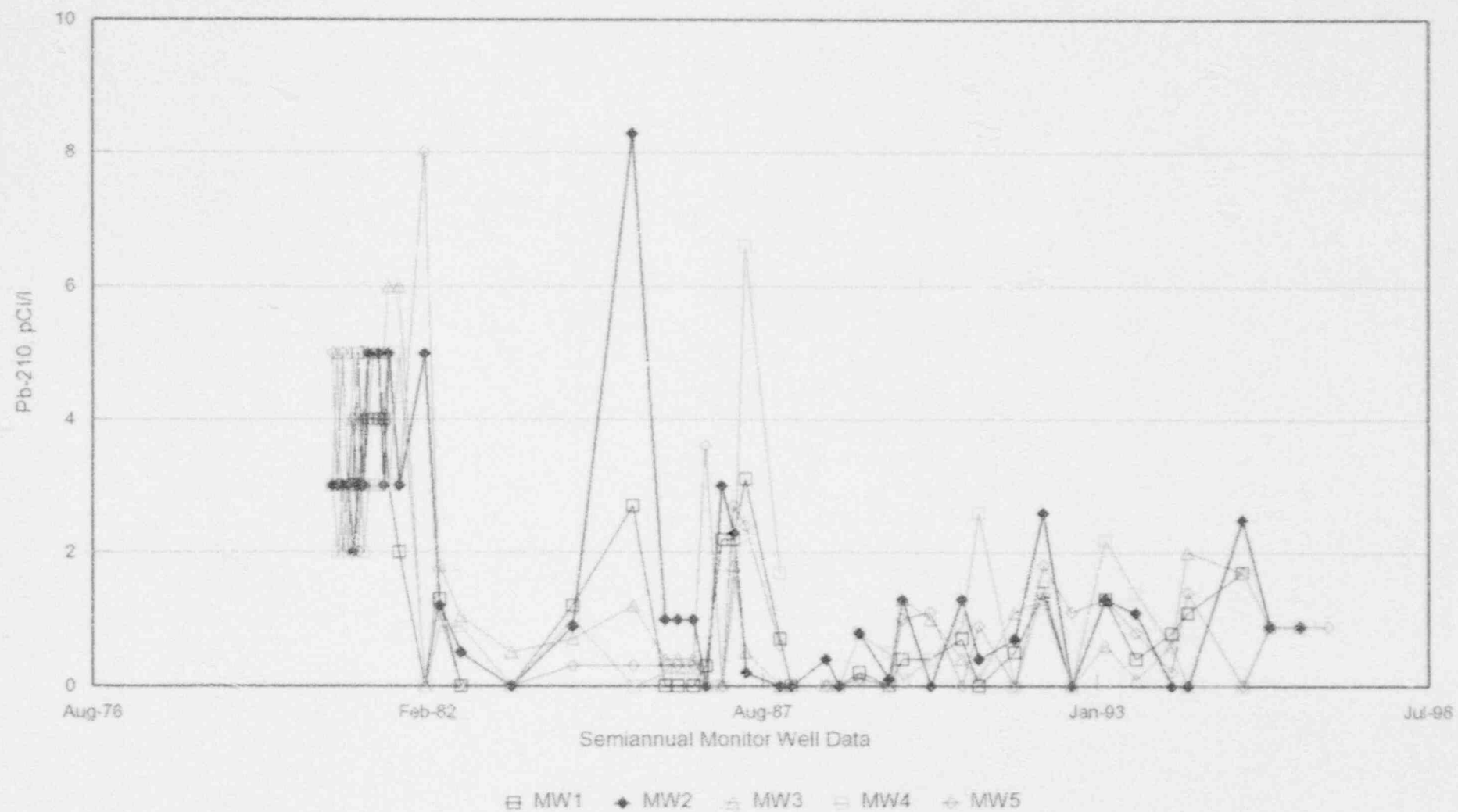
WHITE MESA MILL



GRAPH 45

ENERGY FUELS NUCLEAR, INC.

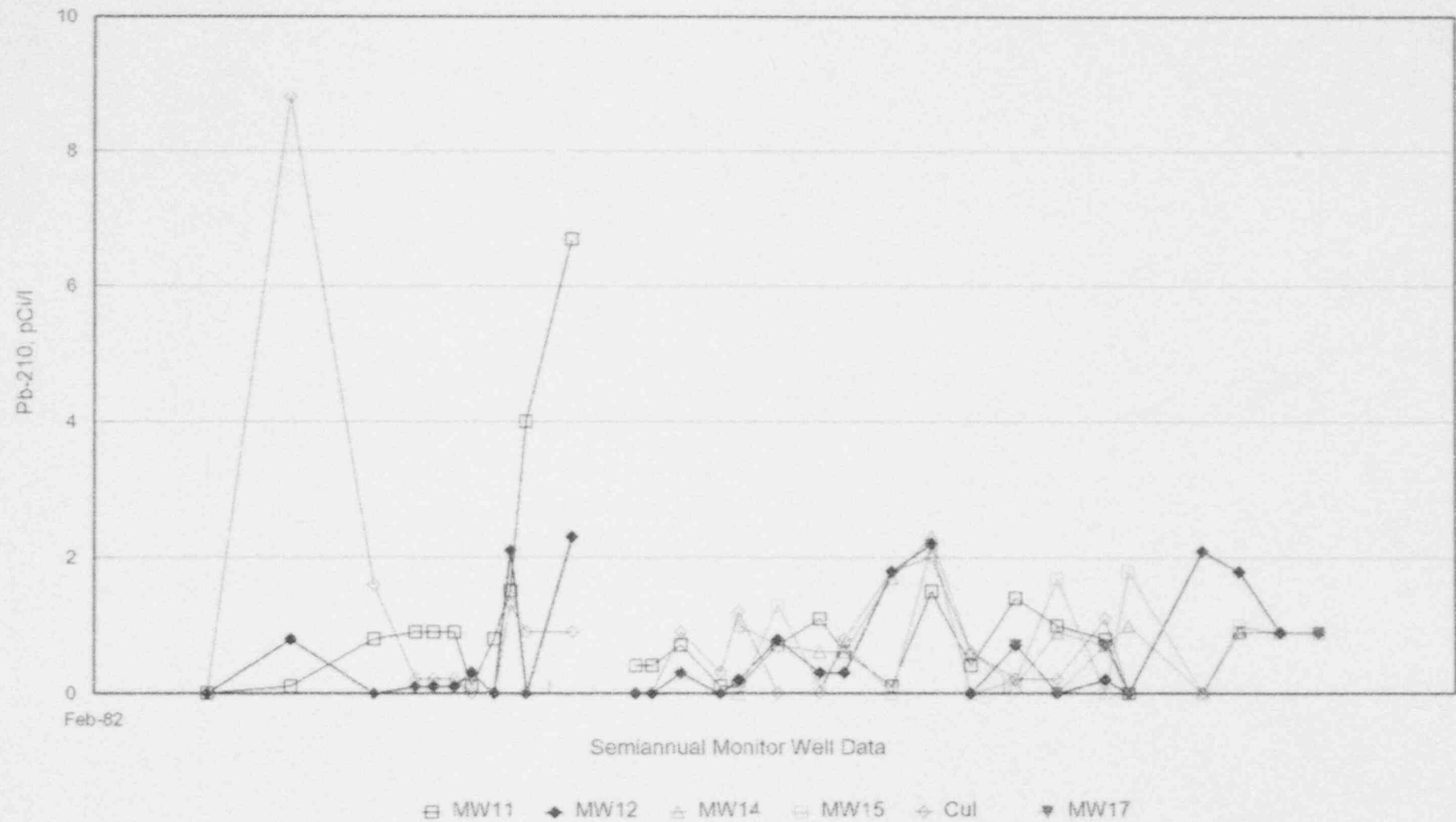
WHITE MESA MILL



GRAPH 46

ENERGY FUELS NUCLEAR, INC.

WHITE MESA MILL



GRAPH 47

TABLE 20

ENERGY FUELS NUCLEAR, INC.
WHITE MESA MILL
SURFACE WATER ANALYSIS
SEMI-ANNUAL EFFULENT REPORT

	Cottonwood 1st 96	2nd 96	3rd 96	4th 96	Westwater** 1st 96	2nd 96	3rd 96	4th 96
Date of Sample	03/28/96	05/13/96		11/11/96			8/13/96	
Field Temperature, C	12.5	12	D	9.7	D	D	S	D
Field pH	8.59	8.47		8.76			O	
Field Sp. Cond. (µmhos)	704	3320	R	748	R	R	I	R
TDS (mg/l)	441	478		412			L	
TSS (mg/l)	15.2	39.2	Y	2.8	Y	Y		Y
Ra-226 suspended (pCi/l)		<0.2				TOTAL pCi/g	0.4±0.1	
Ra-226 dissolved (pCi/l)		<0.2		1.1E-12				
LLD (pCi/l)		0.2		2E-13		LLD pCi/g	0.02	
Th-230 suspended (pCi/l)		<0.2				TOTAL pCi/g	6.1±1.2	
Th-230 dissolved (pCi/l)		<0.2		<2E-13				
LLD (pCi/l)		0.2		2E-13		LLD pCi/g	0.02	
U-nat. suspended (µCi/ml)		<2E-10				TOTAL pCi/g	1.96E-07	
U-nat. dissolved (µCi/ml)		8.80E-09		3.9E-09				
LLD (µCi/ml)		2.0E-10		2.0E-10		LLD pCi/g	0.02	
Gross Alpha (pCi/l)	<1.0E-12	<1.0E-12		<1E-12				
Gross Alpha Precision ± (pCi/l)	NA	NA		NA				
LLD (pCi/l)	1E-12	1E-12		1E-12				

** Westwater is now on an annual sample basis.
Westwater is checked weekly and after
significant precipitation events.

TABLE 21

ENERGY FUELS NUCLEAR, INC.
WHITE MESA MILL

QUALITY CONTROL DUPLICATE SAMPLES

FOURTH QUARTER 1996
The Third Quarter was dry

	COTTONWOOD CREEK	Blind Duplicate	Per Cent Difference
U-Nat Dissolved	3.9E-09	3.9E-09	1.78%
Ra-226 Dissolved	2.0E-13	2.0E-13	0.00%
Th-230 Dissolved	<2e-13	<2e-13	0.00%
Gross Alpha	<1	<1	0.00%
TDS	412	402	2.43%
TSS	2.8	4.4	36.36%
Nickel	<0.05	<0.05	0.00%
Potassium	3.6	3.1	13.89%

TABLE 22

ENERGY FUELS NUCLEAR, INC.
WHITE MESA MILL
Soil Sampling Results

(VALUES) x 10E-3 μ Ci/Kg

Date	BHV-1		BHV-2		BHV-3		BHV-4		BHV-5	
	Ra-226	U-Nat	Ra-226	U-Nat	Ra-226	U-Nat	Ra-226	U-Nat	Ra-226	U-Nat
Sep-80	0.650	0.420	0.340	0.420	0.420	0.420	0.410	12.194	0.230	14.891
Sep-81	0.400	1.800	0.300	0.600	0.300	0.600	0.200	3.000	0.300	0.600
Dec-81	0.790	0.770	0.440	0.560	0.890	0.420	0.750	0.630	0.550	0.420
Jun-82	0.423	0.384	0.412	0.180	0.265	0.207	0.478	0.260	0.449	0.216
May-83	0.471	0.410	0.569	0.550	0.461	0.340	0.643	0.340	0.147	0.140
Jan-84	0.713	0.866	0.618	0.683	0.489	0.471	0.124	0.324	0.132	0.310
Oct-84	2.960	0.886	2.330	0.069	2.880	0.721	3.490	0.804	2.550	0.817
Aug-85	1.630	0.800	2.190	0.424	2.270	0.424	4.330	0.294	1.280	0.577
Aug-86	0.369	0.654	0.466	0.866	0.382	0.694	0.396	0.826	0.728	0.836
Aug-87	0.600	0.800	1.500	0.900	0.800	0.600	1.200	0.700	1.500	1.300
Aug-88	1.500	1.600	1.300	0.700	0.600	0.900	1.000	1.300	3.800	5.000
Aug-89	1.200	1.600	1.100	3.000	0.800	1.000	1.100	1.400	2.900	5.700
Aug-90	2.900	5.800	1.000	1.400	0.800	1.400	1.800	1.300	3.700	3.200
Aug-91	3.900	8.800	1.700	2.600	2.600	5.700	1.800	2.600	2.500	4.400
Aug-92	1.200	2.200	0.900	1.400	0.800	1.200	0.900	0.900	1.100	1.800
Aug-93	2.000	1.700	1.400	1.700	1.100	1.900	0.800	1.600	4.800	3.500
Aug-94	1.000	1.600	0.700	0.800	0.700	0.900	0.700	1.100	3.000	3.800
Aug-95	2.810	4.700	0.680	0.200	0.880	0.650	0.580	0.240	2.800	1.600
Aug-96	1.700	2.150	0.600	0.460	0.300	0.210	0.500	0.520	1.900	2.010
Mean	1.43	2.00	0.98	0.92	0.93	0.99	1.12	1.60	1.81	2.69
Std. Dev.	1.02	2.12	0.60	0.77	0.76	1.19	1.06	2.60	1.39	3.34

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