

FAX

TO: Dennis Lawyer (610) 337-5366

Control Number: 139572

TOPIC: Additional Information (2nd Attempt)

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Mr. Lawyer,

Please disregard the earlier fax. Apparently I needed to press the refresh button to complete the changes in the excel sheets.

Attached are the three information sheets which we discussed regarding the FSSR for the Binghamton Depot FSSR.

Claude Wiblin

FROM: Claude Wiblin (410) 923-4653
1/3/2007

A total of 4 pages including this cover.

139572

MINORON MATERIALS-002

Summary of Static Measurements - Alpha

Survey Unit: 13CFL03
 Description: Sampling and Storage Area
 Survey Date: 6/21/2006

Location	Gross (counts)	Net (cpm/100 cm ²)			
		NCPM	NCPM Uncertainty	Activity	Uncertainty @ 95% CL
1	1	-1.2	1.1	-14	24
2	0	-2.2	0.4	-25	11
3	1	-1.2	1.1	-14	24
4	0	-2.2	0.4	-25	11
5	0	-2.2	0.4	-25	11
6	2	-0.2	1.5	-2	33
7	3	0.8	1.8	9	40
8	1	-1.2	1.1	-14	24
9	3	0.8	1.8	9	40
10	2	-0.2	1.5	-2	33
11	3	0.8	1.8	9	40
12	1	-1.2	1.1	-14	24
13	2	-0.2	1.5	-2	33
14	2	-0.2	1.5	-2	33
15	0	-2.2	0.4	-25	11
			Minimum:	-25	
			Maximum:	9	
			Average:	-9	
			Std Dev:	13	

Analysis Parameters

Reference Area: 10AFL01	Material Background:	2.2 cpm
Material: Concrete	Background Count Time:	15 min
Surface Efficiency: 0.428 epm/apm	Sample Time:	1 min
Surface Uncertainty: 0.054 epm/apm	MDC:	75 apm/100 cm ²
	Total Efficiency:	0.088 epm/apm
	Total Efficiency Uncertainty:	0.012 epm/apm

Instrument Data

Model	Serial No	Probe Area:	100 cm ²
Instrument: L2350-1	95357	Instrument Efficiency:	0.204 cpm/epm
Detector: 43-93	235487	Efficiency Uncertainty:	0.011 cpm/epm

Summary of Static Measurements - Alpha

Survey Unit: 13CWL01
 Description: Sampling and Storage Area
 Survey Date: 6/21/2006

Location	Gross (counts)	NCPM	NCPM Uncertainty	Net (apm/100 cm ²)	
				Activity	Uncertainty @ 95% CL
1	Data Point Not Available				
2	4	1.5	2.0	17	46
3	2	-0.5	1.5	-6	33
4	2	-0.5	1.5	-6	33
5	4	1.5	2.0	17	46
6	2	-0.5	1.5	-6	33
7	3	0.5	1.8	5	40
8	1	-1.5	1.1	-18	25
9	2	-0.5	1.5	-6	33
10	4	1.5	2.0	17	46
11	0	-2.5	0.4	-29	12
12	1	-1.5	1.1	-18	25
13	2	-0.5	1.5	-6	33
14	0	-2.5	0.4	-29	12
15	3	0.5	1.8	5	40
			Minimum:	-29	
			Maximum:	17	
			Average:	-5	
			Std Dev:	16	

Analysis Parameters

Reference Area: 10AWL01	Material Background:	2.5 cpm
Material: Block	Background Count Time:	15 min
Surface Efficiency: 0.428 epm/apm	Sample Time:	1 min
Surface Uncertainty: 0.054 epm/apm	MDC:	42 apm/100 cm ²
	Total Efficiency:	0.088 epm/apm
	Total Efficiency Uncertainty:	0.012 epm/apm

Instrument Data

Model	Serial No	Probe Area:	100 cm ²
Instrument: L2350-1	95357	Instrument Efficiency:	0.204 cpm/epm
Detector: 43-93	235487	Efficiency Uncertainty:	0.011 cpm/epm

Summary of Static Measurements - Alpha

Survey Unit: 13CWL02
 Description: Sampling and Storage Area
 Survey Date: 6/21/2006

Location	Gross (counts)	NCPM	NCPM Uncertainty	Net (apm/100 cm ²)	
				Activity	Uncertainty @ 95% CL
1	4	1.5	2.0	17	46
2	4	1.5	2.0	17	46
3	2	-0.5	1.5	-6	33
4	1	-1.5	1.1	-18	25
5	3	0.5	1.8	5	40
6	1	-1.5	1.1	-18	25
7	Data Point Not Available				
8	3	0.5	1.8	5	40
9	5	2.5	2.3	28	51
10	0	-2.5	0.4	-29	12
11	0	-2.5	0.4	-29	12
12	1	-1.5	1.1	-18	25
13	1	-1.5	1.1	-18	25
14	1	-1.5	1.1	-18	25
15	Data Point Not Available				
				Minimum:	-29
				Maximum:	28
				Average:	-6
				Std Dev:	19

Analysis Parameters

Reference Area: 10AWL01	Material Background:	2.5 cpm
Material: Block	Background Count Time:	15 min
Surface Efficiency: 0.428 epm/apm	Sample Time:	1 min
Surface Uncertainty: 0.054 epm/apm	MDC:	42 apm/100 cm ²
Total Efficiency:		0.088 epm/apm
Total Efficiency Uncertainty:		0.012 epm/apm

Instrument Data

Model	Serial No	Probe Area:	100 cm ²
Instrument: L2350-1	95357	Instrument Efficiency:	0.204 cpm/epm
Detector: 43-93	235487	Efficiency Uncertainty:	0.011 cpm/epm