Survey # 14-1577 6/12/14

C Tay 6/12/14

41-B-856 MOD Filters Survey

Note: All dose rates are in µrem/hr

R. Calir 6/12/14 Joseph Bonta 6/12/14 6-12-14 6-12-14

Top Row from Left						
T-1	T-2	T-3	T-4	T-5	T-6	T-7
5cm = 6700	5cm = 5900	5cm = 6800	5cm = 5500	5cm = 7000	5cm = 6800	5cm = 6700
30 cm = 2300	30 cm = 1400	30 cm = 3300	30 cm = 2300	30 cm = 4200	30 cm = 3800	30 cm = 4100
Middle Row						
M-1	M-2	M-3	M-4	M-5	M-6	M-7
5cm = 7200	5cm = 6000	5cm = 7300	5cm = 5000	5cm = 6800	5cm = 6500	5cm = 6800
30cm = 4800	30cm = 3600	30cm = 4500	30cm = 1500	30cm = 3800	30cm = 3800	30cm = 4500
Bottom Row						
B-1	B-2	B-3	B-4	B-5	B-6	B-7
5cm = 7200	5cm = 6700	5cm = 6200	5cm = 7100	5cm = 7300	5cm = 6700	5cm = 7100
30cm = 4400	30cm = 4400	30cm = 3500	30cm = 4700	30cm = 4500	30cm = 4600	30cm = 4400

Note: Maximum total contamination detected was on filter T-3 160,000 dpm/100cm2 alpha & 100,000 dpm/100cm2 beta-gamma.

Survey #
14-1560

41-B-856 High Efficient Filters Survey
Note: All dose rates are in µrem/hr

Top Row from Left						
T-1	T-2	T-3	T-4	T-5	T-6	T-7
5cm = 5.0	5cm = 6.0	5cm = 9.0	5cm = 3.0	5cm = 12.0	5cm = 16.0	5cm = 8.0
30 cm = ND	30 cm = ND	30 cm = 2.0	30 cm = ND	30 cm = 5.0	30 cm = 8.0	30 cm = 2.0
Middle Row						
M-1	M-2	M-3	M-4	M-5	M-6	M-7
5cm = 11.0	5cm = 10.0	5cm = 10.0	5cm = 11.0	5cm = 9.0	5cm = 6.0	5cm = 6.0
30cm = 5.0	30cm = 5.0	30cm = 5.0	30cm = 4.0	30cm = 3.0	30cm = 2.0	30cm = 1.0
Bottom Row						
B-1	B-2	B-3	B-4	B-5	B-6	B-7
5cm = 10.0	5cm = 5.0	5cm = 4.0	5cm = 9.0	5cm = 5.0	5cm = 13.0	5cm = 6.0
30cm = 4.0	30cm = 1.0	30cm = ND	30cm = 4.0	30cm = ND	30cm = 5.0	30cm = 1.0

41-B-857 MOD Filters Survey
Note: All dose rates are in µrem/hr

Top Row from Right						
T-1	**T-2**	**T-3**	**T-4**	**T-5**	**T-6**	**T-7**
5cm = 6200	**5cm = 7000**	**5cm = 8000**	**5cm = 6700**	**5cm = 6500**	**5cm = 7000**	**5cm = 6300**
30 cm = 2100	**30 cm = 2500**	**30 cm = 2700**	**30 cm = 2400**	**30 cm = 2200**	**30 cm = 2300**	**30 cm = 2200**
Middle Row						
			SRNL Sample			
M-1	**M-2**	**M-3**	**M-4**	**M-5**	**M-6**	**M-7**
5cm = 5500	**5cm = 6100**	**5cm = 6600**	**5cm = 6500**	**5cm = 6400**	**5cm = 6100**	**5cm = 6200**
30cm = 2000	**30cm = 2200**	**30cm = 2300**	**30cm = 2000**	**30cm = 2500**	**30cm = 2100**	**30cm = 2200**
Bottom Row						
B-1	**B-2**	**B-3**	**B-4**	**B-5**	**B-6**	**B-7**
5cm = 6700	**5cm = 6600**	**5cm = 6200**	**5cm = 8200**	**5cm = 5600**	**5cm = 6300**	**5cm = 5800**
30cm = 2400	**30cm = 2200**	**30cm = 2100**	**30cm = 2800**	**30cm = 2000**	**30cm = 2300**	**30cm = 2000**

Maximum total contamination in filter room was 200,000 alpha dpm/100cm2, ND mrad/hr/100cm2. Removable contamination was 8,000 alpha, 2,000 beta-gamma dpm/100cm2.

41-B-857 High Efficient Filters Survey
Note: All dose rates are in µrem/hr

Top Row from Right						
T-1	**T-2**	**T-3**	**T-4**	**T-5**	**T-6**	**T-7**
5cm = 210	**5cm = 300**	**5cm = 300**	**5cm = 250**	**5cm = 340**	**5cm = 305**	**5cm = 190**
30 cm = 80	**30 cm = 120**	**30 cm = 120**	**30 cm = 110**	**30 cm = 140**	**30 cm = 120**	**30 cm = 80**
Middle Row						
M-1	**M-2**	**M-3**	**M-4**	**M-5**	**M-6**	**M-7**
5cm = 345	**5cm = 450**	**5cm = 170**	**5cm = 280**	**5cm = 330**	**5cm = 320**	**5cm = 270**
30cm = 155	**30cm = 180**	**30cm = 70**	**30cm = 110**	**30cm = 150**	**30cm = 140**	**30cm = 90**
Bottom Row						
B-1	**B-2**	**B-3**	**B-4**	**B-5**	**B-6**	**B-7**
5cm = 180	**5cm = 345**	**5cm = 240**	**5cm = 350**	**5cm = 540**	**5cm = 400**	**5cm = 300**
30cm = 75	**30cm = 150**	**30cm = 110**	**30cm = 130**	**30cm = 230**	**30cm = 170**	**30cm = 120**

Maximum total contamination detected was on filter M-5 40,000 alpha, 10,000 beta-gamma dpm/100cm2.

Maximum total contamination detected on backside of MOD filters was 4,000 alpha, 100,000 beta-gamma dpm/100cm2 between M-5 & B-5.