

Sample Collection Date	Location	Type	Co-60 uCi/gm	Cs-134 uCi/gm	Cs-137 uCi/gm	Cs-137/Cs-134 Ratio	K-40 uCi/gm	Tritium Pico Ci/gm	Ni-63	Sr-89	Sr-90
9/6/05 13:00	Against North Wall below Leak at 64' Elev.	Dirt	1.05E-05	3.98E-06	2.92E-04	73	1.64E-05	176.0	NA	NA	NA
9/6/05 13:00	1 ft from N. Wall Below Leak at 64' Elev.	Dirt	1.15E-06	ND	1.61E-05	NA	1.49E-05	40.3	NA	NA	NA
9/6/05 13:00	2 ft from N. Wall Below Leak at 64' Elev.	Dirt	2.42E-07	ND	5.07E-07	NA	1.48E-05	7.0	NA	NA	NA
9/6/05 13:00	3 ft from N. Wall Below Leak at 64' Elev.	Dirt	ND	ND	1.19E-07	NA	1.95E-05	7.1	NA	NA	NA
9/8/05 14:00	Against North Wall below Leak at 64' Elev. 1 ft depth	Dirt	5.90E-06	3.54E-06	1.63E-04	46	1.79E-05	NA	NA	NA	NA
9/8/05 14:00	1 ft from N. Wall Below Leak at 64' Elev. 1 ft depth	Dirt	1.19E-06	1.82E-07	1.09E-05	60	1.44E-05	NA	NA	NA	NA
9/8/05 14:00	2 ft from N. Wall Below Leak at 64' Elev. 1 ft depth	Dirt	ND	ND	9.44E-08	NA	1.48E-05	NA	NA	NA	NA
9/8/05 14:00	Against North Wall below Leak at 64' Elev. 2 ft depth	Dirt	1.38E-05	1.43E-05	6.00E-04	42	2.73E-05	NA	NA	NA	NA
9/8/05 14:00	2 ft from N. Wall Below Leak at 64' Elev. 2 ft depth	Dirt	ND	ND	ND	NA	1.33E-05	NA	NA	NA	NA
9/12/05 10:45	Sample (1) Grid 8B&C	Dirt	ND	ND	7.87E-08	NA	1.74E-05	NA	NA	NA	NA
9/12/05 11:00	Sample (2) Grid 8B&C	Dirt	ND	ND	ND	NA	2.04E-05	NA	NA	NA	NA
9/12/05 11:13	Sample (3) Grid 7B&C	Dirt	ND	ND	2.73E-07	NA	1.57E-05	NA	NA	NA	NA
9/12/05 11:25	Sample (4) Grid 7B&C	Dirt	ND	ND	4.36E-07	NA	1.83E-05	NA	NA	NA	NA
9/12/05 12:30	Sample (5) Grid B8	Dirt	ND	ND	3.40E-07	NA	1.43E-05	NA	NA	NA	NA
9/12/05 13:15	Sample (6) Grid BC7	Dirt	ND	ND	1.51E-07	NA	1.56E-05	NA	NA	NA	NA
9/12/05 13:27	Sample (7) Grid BC6	Dirt	ND	ND	1.72E-07	NA	1.82E-05	NA	NA	NA	NA
9/12/05 13:45	Sample (8) Grid C1&2 (to LSA Crate) <MDA Co-60 ~1.5E-7 only 1 peak found	Dirt	ND	ND	1.53E-07	NA	1.02E-05	NA	NA	NA	NA
9/12/05 14:02	Sample (9) Grid AB1	Dirt	ND	ND	ND	NA		NA	NA	NA	NA
9/12/05 14:30	Sample (10) Grid B1	Dirt	ND	ND	1.53E-07	NA	7.00E-06	NA	NA	NA	NA
9/12/05 14:45	Sample (11) Grid B1&2	Dirt	ND	ND	ND	NA	7.26E-06	NA	NA	NA	NA
9/13/05 10:15	FSB Dirt by 60' Elev leak. Contact with wall	Dirt	2.17E-06	1.01E-06	3.60E-05	36	7.81E-06	37.5	NA	NA	NA
9/13/05 10:15	FSB Dirt by 60' Elev leak. 1' from wall	Dirt	1.36E-06	ND	1.14E-05	NA	1.31E-05	5.9	NA	NA	NA
9/13/05 10:15	FSB Dirt by 60' Elev leak. 2' from wall	Dirt	ND	ND	3.07E-07	NA	6.49E-06	3.3	NA	NA	NA
9/15/05 13:30	FSB Dirt Sample (1) Grid 8B&C	Dirt	ND	ND	ND	NA	2.36E-05	NA	NA	NA	NA
9/15/05 13:45	FSB Dirt Sample (2) Grid 7B&C	Dirt	ND	ND	6.20E-08	NA	1.60E-05	NA	NA	NA	NA
9/15/05 14:00	FSB Dirt Sample (3) Grid 7B&C	Dirt	ND	ND	ND	NA	2.22E+03	NA	NA	NA	NA

A183

Sample Collection Date	Location	Type	Co-60 uCi/gm	Cs-134 uCi/gm	Cs-137 uCi/gm	Cs-137/Cs-134 Ratio	K-40 uCi/gm	Tritium Pico Ci/gm	Ni-63	Sr-89	Sr-90
9/15/05 14:15	FSB Dirt Sample (4) Grid 6B&C	Dirt	ND	ND	1.67E-07	NA	1.58E-05	NA	NA	NA	NA
9/15/05 14:15	FSB Dirt Sample (5) Grid 5B&C	Dirt	ND	ND	7.72E-08	NA	7.10E+02	NA	NA	NA	NA
9/16/05 14:00	FSB Rock - Suspected NORM	Rock	ND	ND	ND	NA	3.29E-05	NA	NA	NA	NA
9/19/05 11:20	FSB Dirt Sample (1) Grid C-1,2&3	Dirt	ND	ND	ND	NA	2.06E-05	NA	NA	NA	NA
9/19/05 11:40	FSB Dirt Sample (2) Grid B&C-2&3	Dirt	ND	ND	6.94E-08	NA	1.52E-05	NA	NA	NA	NA
9/19/05 12:45	FSB Dirt Sample (3) Grid B&C-3	Dirt	ND	ND	ND	NA	9.54E-06	NA	NA	NA	NA
9/19/05 13:10	FSB Dirt Sample (4) Grid B&C-4	Dirt	ND	ND	ND	NA	1.46E-05	NA	NA	NA	NA
9/19/05 13:10	FSB Dirt Sample (5) Grid B&C-4	Dirt	ND	ND	ND	NA	1.65E-05	NA	NA	NA	NA
9/23/05 14:15	FSB Dirt Sample Grid ABC-234	Dirt	ND	ND	ND	NA	1.90E-05	NA	NA	NA	NA
9/26/05 13:00	FSB Dirt Sample Grid C-1 55' Elev. Note: This was supposed to be a set of profile samples Contact, 1 ft, 2 ft & 3 ft from the wall, but there was only enough dirt for one sample bottle. The rest of the material was rock.	Dirt	1.25E-05	8.66E-06	2.99E-04	34	5.71E-06	NA	NA	NA	NA
9/27/05 14:00	FSB Dirt Sample Grid C-2 A-2.	Dirt	2.87E-07	ND	1.17E-06	NA	3.04E-06	NA	NA	NA	NA
9/29/05 8:45	FSB Dirt Sample Grid C-1 51' Elev. Sample # 1 1 Ft from north wall.33 Minute count time	Dirt	4.04E-06	2.14E-06	1.33E-04	62	4.08E-06	Pending Teledyne 11-4-05	Pending Teledyne 11-18-05	Pending Teledyne 11-18-05	Pending Teledyne 11-18-05
9/29/05 8:45	FSB Dirt Sample Grid C-1 51' Elev. Sample # 2. 2 Ft from north wall.31 Minute count time	Dirt	2.98E-06	1.85E-06	9.05E-05	49	4.07E-06	Pending Teledyne 11-4-05	Pending Teledyne 11-18-05	Pending Teledyne 11-18-05	Pending Teledyne 11-18-05
9/29/05 8:45	FSB Dirt Sample Grid C-1 51' Elev. Sample # 3. 3 Ft from north wall.30 Minute count time	Dirt	ND	ND	ND	NA	3.15E-06	Pending Teledyne 11-4-05	Pending Teledyne 11-18-05	Pending Teledyne 11-18-05	Pending Teledyne 11-18-05
9/29/05 12:00	FSB Dirt Sample Grid C-1 51' Elev. Sample # 3. Contact with wall - Bin .50 Minute count time	Dirt	1.60E-06	6.56E-07	2.49E-05	38	ND	Pending Teledyne 11-4-05	Pending Teledyne 11-18-05	Pending Teledyne 11-18-05	Pending Teledyne 11-18-05
10/4/05 9:45	FSB Dirt Sample Grid A-1 51' Elev. Undistrubed Dirt across from C-1. 50 Minute count time	Dirt	ND	ND	ND	NA	1.46E-05	NA	NA	NA	NA
10/7/05 10:50	FSB Dirt Sample Grid B-8 #2 30 Min Count time	Dirt	ND	ND	ND	NA	1.19E-05	NA	NA	NA	NA
10/7/05 11:20	FSB Dirt Sample Grid B-8 #3 30 Min Count time	Dirt	ND	ND	ND	NA	2.15E-05	NA	NA	NA	NA
10/7/05 11:40	FSB Dirt Sample Grid B-8 #4 33 Min Count time	Dirt	ND	ND	ND	NA	2.48E-05	NA	NA	NA	NA

Sample Collection Date	Location	Type	Co-60 uCi/gm	Cs-134 uCi/gm	Cs-137 uCi/gm	Cs-137/Cs-134 Ratio	K-40 uCi/gm	Tritium Pico Ci/gm	Ni-63	Sr-89	Sr-90
10/7/05 13:55	FSB Dirt Sample Grid B-8 #6 30 Min Count time	Dirt	ND	ND	ND	NA	3.02E-05	NA	NA	NA	NA
10/11/05 14:00	FSB Dirt Sample Grid B-8 #1 30 Min Count time	Dirt	ND	ND	ND	NA	1.21E-05	NA	NA	NA	NA
10/11/05 14:30	FSB Dirt Sample Grid C-8 #2 30 Min Count time	Dirt	ND	ND	ND	NA	1.18E-05	NA	NA	NA	NA
10/14/05 11:00	FSB Dirt Sample Grid B-8 58' 37 Min Count time	Dirt	ND	ND	ND	NA	1.68E-05	NA	NA	NA	NA

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Sample Collection Date	Location	Type	Co-60 uCi/gm	Cs-134uCi/gm	Cs-137 uCi/gm	Cs-137/Cs-134 Ratio	Boron ppm	Tritium	Water Volume cc	Water Leakage Rate cc/day	Ni-63	Sr-89	Sr-90
9/8/05 9:30	Water under Plastic North Wall C-1	Water - not a valid counting geometry -	ND	ND	1.09E-04	NA	NA	1.64E-05	NA	NA	NA	NA	NA
9/13/05 10:30	Behind plastic on Lower leaking crack 60' Elev North wall Grid C-1 12mLi	water - not a valid counting geometry 20% Detector 10 min.	ND	ND	8.43E-04	NA	1265	NA	NA	NA	NA	NA	NA
9/13/05 10:30	Behind plastic on Lower leaking crack 60' Elev North wall Grid C-1 12mLi	water - not a valid counting geometry - Potential trace level of Cs-134 Identified after spectrum reanalyzed 20% Detector 10 min.	ND	1.08E-05	7.47E-05	7	1265	NA	NA	NA	NA	NA	NA
9/13/05 10:30	Behind plastic on Lower leaking crack 60' Elev North wall Grid C-1 12mLi - Tritium through filter	Toray Filter Media - from sample water - Potential trace level of Cs-134 - 20% Detector 30 Min.	ND	2.99E-06	1.48E-05	5	NA	2.10E-02	NA	NA	NA	NA	NA
9/13/05 10:30	Behind plastic on Lower leaking crack 60' Elev North wall Grid C-1 12mLi - Tritium through distillation & 50 to 7.85 dilution	Toray Filter Media - from sample water - Potential trace level of Cs-134 - 20% Detector 30 Min.	ND	2.99E-06	1.48E-05	5	NA	2.04E-02	NA	NA	NA	NA	NA
9/13/05 10:30	Behind plastic on Lower leaking crack 60' Elev North wall Grid C-1 12mLi	Toray Filter Media - from sample water - Analyzed on 40% Detector 1 hour count	ND	ND	1.85E-05	NA	NA	NA	NA	NA	NA	NA	NA
9/14/05 9:00	Behind plastic on Lower leaking crack 60' Elev North wall Grid C-1 4 mLi	Not a valid geometry. 20% IP-2 Detector used.	ND	ND	4.59E-04	NA	NA	NA	NA	NA	NA	NA	NA
9/16/05 10:30	Behind plastic on Lower leaking crack 60' Elev North wall Grid C-1 173mLi	Raw Water - Sediment in bottom. Geometry may not be valid. 40% Detector	3.82E-07	1.46E-06	3.17E-05	22.1	1786	2.20E-02	NA	NA	NA	NA	NA
9/16/05 10:30	Behind plastic on Lower leaking crack 60' Elev North wall Grid C-1 173mLi	Filtrate - from sample water	NA	NA	NA	NA	1794	2.20E-02	NA	NA	NA	NA	NA
9/16/05 10:30	Behind plastic on Lower leaking crack 60' Elev North wall Grid C-1 173mLi	Distilled Filtrate - from sample water	NA	NA	NA	NA	NA	2.13E-02	NA	NA	NA	NA	NA
9/16/05 10:30	Behind plastic on Lower leaking crack 60' Elev North wall Grid C-1 173mLi	Toray Filter Media - from sample water - Note: Co-60 rejected activity due to missing peak	7.05E-08	2.32E-07	3.80E-06	16	NA	NA	NA	NA	NA	NA	NA
9/19/05 9:00	Behind plastic on Lower leaking crack 60' Elev North wall Grid C-1 500 mLi	Raw Water - Co-60 Confirming peak not found - 40% Detector - 1 hour count	9.42E-08	6.86E-07	1.14E-05	17	1769	2.20E-02	NA	NA	NA	NA	NA

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Sample Collection Date	Location	Type	Co-60 uCi/gm	Cs-134uCi/gm	Cs-137 uCi/gm	Cs-137/Cs-134 Ratio	Boron ppm	Tritium	Water Volume cc	Water Leakage Rate cc/day	Ni-63	Sr-89	Sr-90
9/21/05 9:00	Behind plastic on Lower leaking crack 60' Elev North wall Grid C-1 500 mLi	Raw Water - 20% Detector - 1 hour count	ND	6.77E-07	8.89E-06	13	1432	NA	NA	NA	NA	NA	NA
9/21/05 9:00	Behind plastic on Lower leaking crack 60' Elev North wall Grid C-1 500 mLi	20 mLi aliquat through Toray Filter - 40% Detector - 1/2 hour count	ND	ND	5.07E-06	NA	NA	2.17E-02	NA	NA	NA	NA	NA
9/21/05 9:00	Behind plastic on Lower leaking crack 60' Elev North wall Grid C-1 500 mLi	Raw Water - 40% Detector - 1 hour count - Co-60 only one peak identified	1.26E-07	5.44E-07	9.52E-06	17	1965	NA	NA	NA	NA	NA	NA
9/22/05 9:00	Behind plastic on Lower leaking crack 60' Elev North wall Grid C-1 419 mLi	Raw Water - 40% Detector - 1 hour count	8.13E-08	7.35E-07	1.06E-05	14	2080	NA	NA	NA	NA	NA	NA
9/23/05 9:30	Behind plastic on Lower leaking crack 60' Elev North wall Grid C-1 407 mLi	Raw Water - 40% Detector - 1 hour count	1.73E-07	6.76E-07	1.14E-05	17	2375	NA	NA	NA	NA	NA	NA
9/23/05 9:30	Behind plastic on Lower leaking crack 60' Elev North wall Grid C-1 407 mLi	Toray Filter 20 mLi - 40% Detector - 1 hour count	ND	ND	5.82E-06	NA	2375	NA	NA	NA	NA	NA	NA
9/26/05 8:45	Behind plastic on Lower leaking crack 60' Elev North wall Grid C-1 ~1500 mLi from 09:30 9-23-05 to 08:45 9-26-05	Raw Water - 40% Detector - 1 hour count - Co-60 only one peak identified	5.67E-08	5.40E-07	7.89E-06	15	2045	2.05E-02	1500	0.504	NA	NA	NA
9/26/05 8:45	Behind plastic on Lower leaking crack 60' Elev North wall Grid C-1 ~1500 mLi from 09:30 9-23-05 to 08:45 9-26-05	Filtrate of 500 mLi portion - 40% Detector - 1 hour count - Co-60 only one peak identified	9.16E-08	4.67E-07	8.28E-06	18	NA	NA	NA	NA	NA	NA	NA
9/26/05 8:45	Behind plastic on Lower leaking crack 60' Elev North wall Grid C-1 ~1500 mLi from 09:30 9-23-05 to 08:45 9-26-05	Toray Filter of 500 mLi portion - 40% Detector - 1 hour count	ND	1.69E-05	1.43E-04	8	NA	NA	NA	NA	NA	NA	NA
9/26/05 8:45	Behind plastic on Lower leaking crack 60' Elev North wall Grid C-1 ~1500 mLi from 09:30 9-23-05 to 08:45 9-26-05	Teledyne Analysis	7.43E-08	4.77E-07	8.06E-06	17	NA	2.01E-02	NA	NA	4.06E-07	ND	5.40E-07
9/26/05 8:45	Behind plastic on Lower leaking crack 60' Elev North wall Grid C-1 ~1500 mLi from 09:30 9-23-05 to 08:45 9-26-05	Toray Filter of 500 mLi portion Teledyne Analysis	ND	4.33E-06	1.60E-05	4	NA	NA	NA	NA	NA	NA	NA

FSB_Sample_Log.xls

Sample Collection Date	Location	Type	Co-60 uCi/gm	Cs-134uCi/gm	Cs-137 uCi/gm	Cs-137/Cs-134 Ratio	Boron ppm	Tritium	Water Volume cc	Water Leakage Rate cc/day	Ni-63	Sr-89	Sr-90
9/27/05 8:45	Behind plastic on Lower leaking crack 60' Elev North wall Grid C-1 ~205 mLi - Notes: Collection system failed. Collection method may have caused collection of material plated on wall into water sample.	~205 mLi - 40% Detector - 1 hour count	1.06E-06	2.85E-06	3.67E-05	13	2700	1.84E-02	NA	NA	NA	NA	NA
9/27/05 8:45	Behind plastic on Lower leaking crack 60' Elev North wall Grid C-1 ~205 mLi - Notes: Collection system failed. Collection method may have caused collection of material plated on wall into water sample.	Toray Filter - 40% Detector - 1 hour count	ND	1.19E-05	1.04E-04	9	NA	NA	NA	NA	NA	NA	NA
9/28/05 8:30	Behind plastic on 60' & 64' Elev North wall Grid C-1 1000 mLi - Notes: Collection system changed. Collection method may have caused collection of material plated on wall into water sample.	~1000 mLi - 40% Detector - 1 hour count	3.58E-07	5.77E-07	1.32E-05	23	2720	2.00E-02	1000	1000.800	NA	NA	NA
9/28/05 8:30	Behind plastic on 60' & 64' Elev North wall Grid C-1 1000 mLi - Notes: Collection system changed. Collection method may have caused collection of material plated on wall into water sample.	Toray Filter 20 mLi - 40% Detector 1 hour count	ND	2.56E-05	1.19E-04	5	NA	NA	NA	NA	NA	NA	NA
9/29/05 8:30	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. 1259.7 mLi - Notes:	Toray Filter 20 mLi - 40% Detector 1 hour count	2.14E-07	4.71E-07	1.02E-05	22	2220	NA	1260	1.272	NA	NA	NA
9/30/05 8:30	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. 2000 mLi - Notes:	40% Detector - 1 hour count	1.59E-07	4.95E-07	9.11E-06	18	2375	NA	2000	1.992	NA	NA	NA
9/30/05 8:30	Behind plastic on 64' Elev North wall Grid C-2 76 mLi	40% Detector - 1 hour count	ND	ND	2.41E-07	NA	710	NA	NA	NA	NA	NA	NA
10/3/05 9:30	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. 5701 mLi: From Friday to Monday	40% Detector - 1 hour count	1.48E-07	5.81E-07	9.06E-06	16	1870	2.18E-02	5701	1.896	NA	NA	NA

FSB_Sample_Log.xls

Sample Collection Date	Location	Type	Co-60 uCi/gm	Cs-134uCi/gm	Cs-137 uCi/gm	Cs-137/Cs-134 Ratio	Boron ppm	Tritium	Water Volume cc	Water Leakage Rate cc/day	Ni-63	Sr-89	Sr-90
10/4/05 8:20	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. 1445 mLi: Note: One peak of Co-60 Not identified	40% Detector - 1 hour count	8.41E-08	6.16E-07	9.46E-06	15	2155	2.17E-02	1445	1.445	NA	NA	NA
10/5/05 8:30	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. 1489 mLi	40% Detector - 1 hour count	1.21E-07	6.30E-07	9.82E-06	16	2180	2.15E-02	2180	2.180	NA	NA	NA
10/6/05 8:30	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. 1536 mLi	40% Detector - 1 hour count	1.43E-07	6.16E-07	1.04E-05	17	2200	2.15E-02	1536	1.536	NA	NA	NA
10/7/05 8:30	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. 1394 mLi	40% Detector - 1 hour count	1.19E-07	5.31E-07	9.68E-06	18	NA	2.17E-02	1394.1	1.394	NA	NA	NA
10/11/05 10:30	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. 5155.9 mLi over 98 hours	40% Detector - 1 hour count	1.07E-07	6.00E-07	8.99E-06	15	NA	NA	5155.9	1.263	NA	NA	NA
10/12/05 9:45	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. 966.3 mLi over ~23 hours	40% Detector - 1 hour count	ND	6.48E-07	8.01E-06	12	1590	NA	966.3	1.008	NA	NA	NA
10/13/05 9:45	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. 957 mLi over ~23 hours	40% Detector - 1 hour count	ND	5.78E-07	7.14E-06	12	1450	NA	957	0.999	NA	NA	NA
10/14/05 9:45	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. 1041 mLi over 24 hours	40% Detector - 1 hour count	1.18E-07	4.97E-07	8.14E-06	16	NA	NA	1041	1.041	NA	NA	NA
10/17/05 9:00	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. 3682.2 mLi over 72 hours	40% Detector - 1 hour count	ND	4.28E-07	7.50E-06	18	1670	2.15E-02	3682.2	1.277	NA	NA	NA
10/18/05 0:00	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. 1344 mLi over 24 hours	40% Detector - 1 hour count	8.57E-08	3.39E-07	5.96E-06	18	Weekly	Weekly	1344	1.344	NA	NA	NA
10/19/2005 09:30AM	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. 1182 mLi over hours	40% Detector - 1 hour count Only one Co-60 Peak identified	1.14E-07	3.17E-07	6.71E-06	21	Weekly	Weekly	1182	1.182	NA	NA	NA
10/20/2005 08:00AM	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. 1078 mLi over 24 hours	40% Detector	7.24E-08	4.06E-07	6.15E-06	15	Weekly	Weekly	1078	1.078	NA	NA	NA
10/21/2005 09:15AM	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. 1288 mLi over hours	40% Detector - 1 hour count Only one Co-60 Peak Identified	5.60E-08	3.20E-07	4.88E-06	15	Weekly	Weekly	1182	1.182	NA	NA	NA

FSB_Sample_Log.xls

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10/14/05 9:00	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. 8517 mLi from week 10-7 to10-14 passed through resin - No Co-58 Detected MDA=2.187e-9	40% Detector - 1 hour count	5.75E-09	1.33E-08	1.83E-07	14	NA	NA	NA	NA	NA	NA	NA
10/24/05 0:00	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. 3306 mLi over 71.5 hours	40% Detector - 1 hour count	ND	3.64E-07	4.73E-06	13	NA	NA	3306	1.109	NA	NA	NA
10/25/05 9:30	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. 1091.5 mLi over 24 hours	40% Detector - 1 hour count	ND	1.38E-07	3.40E-06	25	NA	NA	1.09E+03	1.09E+00	NA	NA	NA
10/26/05 8:30	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. mLi over 23 hours	40% Detector - 1 hour count	Pending 10-27-05	Pending 10-27-05	Pending 10-27-05	NA	NA	NA	Pending 10-27-05	Pending 10-27-05	NA	NA	NA

FSB_Sample_Log.xls

Sample Collection Date	Well Designator	Location	Type	Co-60 uCi/gm	Cs-134uCi/gm	Cs-137 uCi/gm	Cs-137/Cs-134 Ratio	Tritium	Ni-63	Sr-89	Sr-90	Fe-55
9/28/05 10:00	MW-107	NEM Monitoring well	Water	ND	ND	ND	NA	ND	NA	NA	NA	NA
9/29/05 10:00	MW-108	Gas Turbine Area Monitoring well	Water	ND	ND	ND	NA	ND	NA	NA	NA	NA
9/29/05 9:30	MW-109	Gas Turbine Area Monitoring well	Water	ND	ND	ND	NA	ND	NA	NA	NA	NA
9/29/05 10:00	MW-111	Transformer Yard Area Monitoring well	Water	ND	ND	ND	NA	2.12E-04	Pending Teledyne 11-01-05	Pending Teledyne 11-01-05	Pending Teledyne 11-01-05	Pending Teledyne 11-01-05
10/5/05 12:00	MW-111	Transformer Yard Area Monitoring well	Water	ND	ND	ND	NA	1.88E-04	NA	NA	NA	NA
10/06/2005 12:00	U3-1	IP-3 Well U-1 Located at north end of IP-3 Turbine building	Water	ND	ND	ND	NA	4.17E-07	NA	NA	NA	NA
10/06/2005 12:00	U3-2	IP-3 Well U-2 Located at north end of IP-3 Turbine building	Water	ND	ND	ND	NA	9.60E-07	NA	NA	NA	NA
10/06/2005 12:00	U3-3	IP-3 Well U-3 Located at north end of IP-3 Turbine building	Water	ND	ND	ND	NA	4.39E-07	NA	NA	NA	NA
10/07/2005 12:00	U3-T2	north end of IP-3 Turbine building	Water	ND	ND	ND	NA	1.59E-06	NA	NA	NA	NA
10/07/2005 12:00	U3-T1	IP-3 Point T-1 Located inside South end of IP-3 Turbine building	Water	ND	ND	ND	NA	7.03E-07	NA	NA	NA	NA
10/07/2005	MW-111	Transformer Yard Area Monitoring well	Water	Results Pending	Results Pending	Results Pending	NA	1.88E-04	NA	NA	NA	NA
10/14/2005	MW-111	Transformer Yard Area Monitoring well	Water	ND	ND	ND	NA	6.82E-06	NA	NA	NA	NA
10/14/2005	MW-111	Transformer Yard Area Monitoring well	Water	ND	ND	ND	NA	6.32E-06	NA	NA	NA	NA
10/16/2005 12:00		5th Street Well	Water	Pending JAF 10-26-05	Pending JAF 10-26-05	Pending JAF 10-26-05	NA	ND	NA	NA	NA	NA
10/16/2005	U3-4	IP-3 Well U-4 Located at north end of IP-3 Turbine building	Water	Pending JAF 10-26-05	Pending JAF 10-26-05	Pending JAF 10-26-05	NA	ND	NA	NA	NA	NA
10/18/2005	MH-A4	IP-3 Manhole A4 Located east of the IP-3 Monitor tank pad	Water	NA	NA	NA	NA	ND	NA	NA	NA	NA
10/18/2005	MH-B8	IP-3 Manhole B8 Located West of the North end of the IP-3 turbine hall over the discharge canal	Water	NA	NA	NA	NA	9.59E-07	NA	NA	NA	NA

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Sample Collection Date	Well Designator	Location	Type	Co-60 uCi/gm	Cs-134uCi/gm	Cs-137 uCi/gm	Cs-137/Cs-134 Ratio	Tritium	Ni-63	Sr-89	Sr-90	Fe-55
10/20/2005	Gypsum Outflow	Gypsum Outflow -	Water	Pending JAF 10-30-05	Pending JAF 10-30-05	Pending JAF 10-30-05	NA	ND	NA	NA	NA	NA
10/20/2005	Alogonquin Outflow	Alogonquin Outflow	Water	Pending JAF 10-30-05	Pending JAF 10-30-05	Pending JAF 10-30-05	NA	ND	NA	NA	NA	NA
10/21/2005	MW-111	Transformer Yard Area Monitoring well	Water	ND	ND	ND	NA	2.84E-04	NA	NA	NA	NA
10/21/2005	U3-1	IP-3 Well U-1 Located at north end of IP-3 Turbine building	Water	Pending JAF 10-31-05	Pending JAF 10-31-05	Pending JAF 10-31-05	NA	Pending JAF 10-31-05	NA	NA	NA	NA
10/21/2005	U3-2	IP-3 Well U-2 Located at north end of IP-3 Turbine building	Water	Pending JAF 10-31-05	Pending JAF 10-31-05	Pending JAF 10-31-05	NA	Pending JAF 10-31-05	NA	NA	NA	NA
10/21/2005	U3-3	IP-3 Well U-3 Located at north end of IP-3 Turbine building	Water	Pending JAF 10-31-05	Pending JAF 10-31-05	Pending JAF 10-31-05	NA	Pending JAF 10-31-05	NA	NA	NA	NA
10/21/2005	U3-4	IP-3 Well U-4 Located at north end of IP-3 Turbine building	Water	Pending JAF 10-31-05	Pending JAF 10-31-05	Pending JAF 10-31-05	NA	Pending JAF 10-31-05	NA	NA	NA	NA
10/21/2005	U3-T2	IP-3 Point T-2 Located inside north end of IP-3 Turbine building	Water	Pending JAF 10-31-05	Pending JAF 10-31-05	Pending JAF 10-31-05	NA	Pending JAF 10-31-05	NA	NA	NA	NA
10/21/2005	U3-T1	IP-3 Point T-1 Located inside South end of IP-3 Turbine building	Water	Pending JAF 10-31-05	Pending JAF 10-31-05	Pending JAF 10-31-05	NA	Pending JAF 10-31-05	NA	NA	NA	NA
10/21/2005	CST	IP-2 Point T-1 Located inside South end of IP-3 Turbine building	Water	Pending JAF 10-31-05	Pending JAF 10-31-05	Pending JAF 10-31-05	NA	Pending JAF 10-31-05	NA	NA	NA	NA

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Sample Collection Date	Location	Type	Co-60 uCi	Cs-134 uCi	Cs-137 uCi	Cs-137/Cs-134 Ratio	Tritium
10/13/05 6:45 PM	IP-2 51' PAB by FSB West Wall - Water collected from floor by wiping floor with paper towels	Large Area Smear	1.29E-06	ND	1.11E-05	NA	Pending Due:
10/13/05 5:30 PM	FSB Exterior West wall at 80' Purge Valve Area - 59 Minute	Dirt	7.07E-07	2.12E-07	4.10E-05	193	NA

FSB_Sample_Log.xls

Sample Collection Date	Location	Type	Co-60 uCi/gm	Cs-134 uCi/gm	Cs-137 uCi/gm	Cs-137/Cs-134 Ratio	K-40 uCi/gm
9/7/05 1:00 PM	Outside MOB Dirt on Hill area 1	Dirt	ND	ND	8.75E-08	NA	NA
9/7/05 1:00 PM	Outside MOB Dirt on Hill area 2	Dirt	ND	ND	ND	NA	NA
9/7/05 1:00 PM	Outside MOB Dirt on Hill area 3	Dirt	ND	ND	1.03E-07	NA	NA
9/7/05 1:00 PM	Outside MOB Dirt on Hill area 4	Dirt	ND	ND	5.61E-07	NA	NA
9/8/05 10:00 AM	Outside MOB Dirt on Hill area 4 Re-sample	Dirt	ND	ND	2.18E-07	NA	NA
9/13/05 8:30 AM	NE1 Sector Post Remediation 95' Hill	Dirt	2.05E-07	ND	1.45E-07	NA	1.16E-05
9/13/05 8:30 AM	NE2 Sector Post Remediation 95' Hill	Dirt	ND	ND	ND	NA	1.73E-05
9/20/05 9:45 AM	NE1 Sector Post Remediation 95' Hill 2nd sample Sample #1	Dirt	4.92E-07	ND	5.31E-07	NA	9.86E-06
9/20/05 9:45 AM	NE1 Sector Post Remediation 95' Hill 2nd Sample Sample # 2	Dirt	5.55E-07	ND	3.87E-07	NA	1.09E-05

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Sample Date-time	Location	Type	Co-60 uCi	Cs-134 uCi	Cs-137 uCi	Cs-137/Cs-134 Ratio
9/1/05 2:00 PM	N. Wall at leak at 64' Elev.	Scraping of wall	2.22E-03	5.06E-03	8.07E-02	16

Date	Sample of Hole Drilled in North FSB Wall	pH	Co-60 uCi/gm	Cs-134uCi/gm	Cs-137 uCi/gm	Cs-137/Cs-134 Ratio	Iron ppm leachate	Boron ppm leachate
09/07/05	(1) Base line	11.74	ND	ND	ND	NA	96	159
09/07/05	(2) First 2" (0-2") of crack at 64' Elev.	10.7	8.31E-05	2.65E-05	1.65E-03	62	628	72
09/07/05	(3) Second 2" (2-4") of crack at 64' Elev.	11.46	4.04E-05	1.39E-05	8.46E-04	61	640	56
09/07/05	(4) Third 2" (4-6") of crack at 64' Elev.	11.75	1.02E-05	ND	1.27E-04	NA	3285	28
09/07/05	(5) Fourth 2" (6-8") of crack at 64' Elev.	11.79	ND	ND	1.75E-05	NA	60	226

Sample Date	Location	Type	Co-60 uCi/gm	Cs-134 uCi/gm	Cs-137 uCi/gm	Cs-137/Cs-134 Ratio
#####	East Core bore hole at 64' Elev.	rock-dust	ND	2.47E-05	1.38E-04	6
#####	West Core bore hole at 64' Elev.	rock-dust	6.11E-06	2.97E-05	1.80E-04	6

Sample Date	Location	Type	Co-60 uCi/gm	Cs-134 uCi/gm	Cs-137 uCi/gm	Cs-137/Cs-134 Ratio
#####	IP-2 Pipe Penn Mezzanine to Section 1 - Wall Crack	Scraping - Dry powder 1.42 gm	1.16E-04	1.47E-05	2.95E-04	20

Sample Collection Date	Location	Type	Co-60 uCi/gm	Cs-134 uCi/gm	Cs-137 uCi/gm	Cs-137/Cs-134 Ratio	Sb-125
09/21/2005 9:00	IP2 FSB Outside North East Wall - Note: Listed as Northwest wall on Analysis sheet	Scraping - Dry powder 4.29 gm 1/2 Hour Count	NA	NA	2.59E-06	NA	3.16E-05
09/21/2005 9:00	IP2 FSB Outside North East Wall	Scraping - Dry powder 4.29 gm - Recount for 1 hour 40% detector	6.86E-06	ND	7.11E-06	NA	3.03E-05
#####	IP2 FSB Outside North East Wall - 10' Elev. Sample #1	Scraping - Dry powder 1.18 gm - 1 hour 40% detector	2.46E-05	ND	1.59E-05	NA	ND

FSB_Sample_Log.xls

#####	IP2 FSB Outside North East Wall - 7' Elev. Sample #2	Scraping - Dry powder 1.4 gm - 1 hour 40% detector	4.59E-04	ND	1.20E-04	NA	ND
#####	IP2 FSB Outside North East Wall - 4' Elev. Sample #3	Scraping - Dry powder 0.57 gm - 1 hour 40% detector	ND	ND	1.30E-05	NA	ND
#####	IP2 FSB Outside North East Wall - 1' Elev.	Scraping - Dry powder - 1 hour 40% detector - No Weight Taken	ND	ND	1.45E-05	NA	ND

Sample Date	Location		Co-60 uCi/gm	Cs-134 uCi/gm	Cs-137 uCi/gm	Cs-137/Cs-134 Ratio	Boron ppm
9-22-05 1100	IP2 FSB West Wall C-1	Scraping - Dry powder 4.29 gm	NA	NA	1.05E-05	NA	2.03E+02

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Sample Collection Date	Location	Type	Co-60 uCi	Cs-134 uCi	Cs-137 uCi	Cs-137/Cs-134 Ratio
9/1/05 10:00 AM	N. Wall at leak at 64' Elev.	Large Area Smear	ND	3.03E-04	1.92E-03	6
9/1/05 10:12 AM	N. Wall at leak at 64' Elev.	Large Area Smear	ND	6.24E-04	4.64E-03	7
9/1/05 12:00 PM	N. Wall at leak at 64' Elev.	Large Area Smear	ND	ND	1.68E-03	NA
9/2/05 1:30 PM	N. Wall at leak at 64' Elev.	Large Area Smear	ND	ND	1.17E-03	NA
9/2/05 1:30 PM	N. Wall at leak at 64' Elev.	Large Area Smear	ND	ND	1.17E-03	NA
9/13/05 10:30 AM	N. Wall at leak at 60' Elev.	Large Area Smear	6.64E-04	5.34E-04	8.71E-03	16
9/14/05 9:00 AM	N. Wall at leak at 60' C-1 Elev. LAS-1 40% Detector 30 Min.	Large Area Smear	1.93E-04	1.84E-04	5.68E-03	31
9/14/05 9:00 AM	N. Wall at leak at 64' Elev. C-1 LAS-2 20% Detector 30 Min.	Large Area Smear	ND	ND	2.61E-04	NA
9/14/05 9:00 AM	N. Wall at leak at 61' Elev. C-1 LAS-3 40% Detector 30 Min.	Large Area Smear	1.44E-03	1.14E-03	2.40E-02	21

		North							
West		1	2	3	4	5	8	East	
C									
B									
A									

South

Sample Date-time	Location	Type	Co-60 uCi	Cs-134 uCi	Cs-137 uCi	Cs-137/Cs-134 Ratio
9/1/05 10:00 AM	N. Wall at leak at 64' Elev.	Large Area Smear	ND	3.03E-04	1.92E-03	6
9/1/05 10:12 AM	N. Wall at leak at 64' Elev.	Large Area Smear	ND	6.24E-04	4.64E-03	7
9/1/05 12:00 PM	N. Wall at leak at 64' Elev.	Large Area Smear	ND	ND	1.68E-03	NA
9/13/05 10:30 AM	N. Wall at leak at 60' Elev.	Large Area Smear	6.64E-04	5.34E-04	8.71E-03	16
9/1/05 2:00 PM	N. Wall at leak at 64' Elev.	Scraping of wall	2.22E-03	5.06E-03	8.07E-02	16
9/2/05 1:30 PM	N. Wall at leak at 64' Elev.	Large Area Smear	ND	ND	1.17E-03	NA
9/2/05 1:30 PM	N. Wall at leak at 64' Elev.	Large Area Smear	ND	ND	1.17E-03	NA
9/7/05 1:00 PM	Outside MOB Dirt on Hill area 1	Dirt	ND	ND	8.75E-08	NA
9/7/05 1:00 PM	Outside MOB Dirt on Hill area 2	Dirt	ND	ND	ND	NA
9/7/05 1:00 PM	Outside MOB Dirt on Hill area 3	Dirt	ND	ND	1.03E-07	NA
9/7/05 1:00 PM	Outside MOB Dirt on Hill area 4	Dirt	ND	ND	5.61E-07	NA
9/8/05 10:00 AM	Outside MOB Dirt on Hill area 4 Re-sample	Dirt	ND	ND	2.18E-07	NA

Date	Sample of Hole Drilled in North FSB Wall	pH	Co-60 uCi/gm	Cs-134uCi/gm	Cs-137 uCi/gm	Cs-137/Cs-134 Ratio	Iron ppm leachate	Boron ppm leachate
09/07/05	(1) Base line	11.74	ND	ND	ND	NA	96	159
09/07/05	(2) First 2" (0-2") of crack at 64' Elev.	10.7	8.31E-05	2.65E-05	1.65E-03	62	628	72
09/07/05	(3) Second 2" (2-4") of crack at 64' Elev.	11.46	4.04E-05	1.39E-05	8.46E-04	61	640	56
09/07/05	(4) Third 2" (4-6") of crack at 64' Elev.	11.75	1.02E-05	ND	1.27E-04	NA	3285	28
09/07/05	(5) Fourth 2" (6-8") of crack at 64' Elev.	11.79	ND	ND	1.75E-05	NA	60	226

		Tritium	Co-60 uCi/gm	Cs-134uCi/gm	Cs-137 uCi/gm	Cs-137/Cs-134 Ratio

9/8/05 9:30 AM	Water under Plastic North Wall C-1		ND	ND	1.09E-04	NA
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Sample Date	Location		Co-60 uCi/gm	Cs-134 uCi/gm	Cs-137 uCi/gm	Cs-137/Cs-134 Ratio	K-40 uCi/gm	Tritium pico Ci/gm
9/6/05 1:00 PM	Against North Wall below Leak at 64' Elev.	Dirt	1.05E-05	3.98E-06	2.92E-04	73		176.0
9/6/05 1:00 PM	1 ft from N. Wall Below Leak at 64' Elev.	Dirt	1.15E-06	ND	1.61E-05	NA	1.49E-05	40.3
9/6/05 1:00 PM	2 ft from N. Wall Below Leak at 64' Elev.	Dirt	2.42E-07	ND	5.07E-07	NA		7.0
9/6/05 1:00 PM	3 ft from N. Wall Below Leak at 64' Elev.	Dirt	ND	ND	1.19E-07	NA	1.95E-05	7.1

Sample Date	Location		Co-60 uCi/gm	Cs-134 uCi/gm	Cs-137 uCi/gm	Cs-137/Cs-134 Ratio	K-40 uCi/gm
9/8/05 2:00 PM	Against North Wall below Leak at 64' Elev. 1 ft depth	Dirt	5.90E-06	3.54E-06	1.63E-04	46	1.79E-05
9/8/05 2:00 PM	1 ft from N. Wall Below Leak at 64' Elev. 1 ft depth	Dirt	1.19E-06	1.82E-07	1.09E-05	60	1.44E-05
9/8/05 2:00 PM	2 ft from N. Wall Below Leak at 64' Elev. 1 ft depth	Dirt	ND	ND	9.44E-08	NA	1.48E-05
9/8/05 2:00 PM	Against North Wall below Leak at 64' Elev. 2 ft depth	Dirt	1.38E-05	1.43E-05	6.00E-04	42	2.73E-05
9/8/05 2:00 PM	2 ft from N. Wall Below Leak at 64' Elev. 2 ft depth	Dirt	ND	ND	ND	NA	1.33E-05

Sample Date	Location		Co-60 uCi/gm	Cs-134 uCi/gm	Cs-137 uCi/gm	Cs-137/Cs-134 Ratio
9/1/05 2:00 PM	N. Wall at leak at 64' Elev.	Scraping of wall	2.22E-03	5.06E-03	8.07E-02	16

09/12/2005 10:30	East Core bore hole at 64' Elev.	rock-dust	ND	2.47E-05	1.38E-04	6
09/12/2005 10:30	West Core bore hole at 64' Elev.	rock-dust	6.11E-06	2.97E-05	1.80E-04	6

Sample Date	Location		Co-60 uCi/gm	Cs-134 uCi/gm	Cs-137 uCi/gm	Cs-137/Cs-134 Ratio	K-40
9/12/05 10:45 AM	Sample (1) Grid 8B&C	Dirt	ND	ND	7.87E-08	NA	
9/12/05 11:00 AM	Sample (2) Grid 8B&C	Dirt	ND	ND	ND	NA	
9/12/05 11:13 AM	Sample (3) Grid 7B&C	Dirt	ND	ND	2.73E-07	NA	
9/12/05 11:25 AM	Sample (4) Grid 7B&C	Dirt	ND	ND	4.36E-07	NA	
9/12/05 12:30 PM	Sample (5) Grid B8	Dirt	ND	ND	3.40E-07	NA	
9/12/2005 13:15:00 PM	Sample (6) Grid BC7	Dirt	ND	ND	1.51E-07	NA	
9/12/2005 13:27:00 PM	Sample (7) Grid BC6	Dirt	ND	ND	1.72E-07	NA	
9/12/2005 13:45:00 PM	Sample (8) Grid C1&2 (to LSA Crate) <MDA Co-60 ~1.5E-7 only 1 peak found	Dirt	ND	ND	1.53E-07	NA	
9/12/2005 14:02:00 PM	Sample (9) Grid AB1	Dirt	ND	ND	ND	NA	
9/12/2005 14:30:00 PM	Sample (10) Grid B1	Dirt	ND	ND	1.53E-07	NA	
9/12/2005 14:45:00 PM	Sample (11) Grid B1&2	Dirt	ND	ND	ND	NA	

Sample Date	Location		Co-60 uCi	Cs-134 uCi	Cs-137 uCi	Boron ppm	Tritium	Cs-137/Cs-134 Ratio
09/13/2005 10:30	Behind plastic on Lower leaking crack 60' Elev North wall Grid C-1 12mLi	water - not a valid counting geometry - Potential trace level of Cs-134	ND	1.08E-05	7.47E-05	1265		7

09/13/2005 10:30	Behind plastic on Lower leaking crack 60' Elev North wall Grid C-1 12mLi	Filtrate - from sample water - Potential trace level of Cs-134	ND	2.99E-06	1.48E-05	NA		5
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Sample Date	Location		Co-60 uCi/gm	Cs-134 uCi/gm	Cs-137 uCi/gm	Boron ppm	Cs-137/Cs-134 Ratio
09/13/2005 17:00	IP-2 Pipe Penn Mezzanine to Section 1 - Wall Crack	Scraping - Dry powder 1.42 gm	1.16E-04	1.47E-05	2.95E-04		20