From: "Jones, T. R." <tjones2@entergy.com>
To: "'James Noggle'" <JDN@nrc.gov>
Date: 11/2/05 5:50PM
Subject: FW: FSB_Sample_Log.xls

From: Lavera, Ron
Sent: Wednesday, November 02, 2005 4:27 PM
To: Jones, T. R.
Subject: FSB_Sample_Log.xls

T.R.

Per Mr. Noggle's request. Please forward this to his attention tonight.

Thanks

Ron

<<FSB_Sample_Log.xls>>

A/4

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

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
10/26/05 12:00	FSB Dirt Sample Grid ' 30 Min Count time	Dirt	ND	ND	9.44E-08	NA	1.06E-05	NA	NA	NA	NA
10/27/05 14:00	FSB Dirt Sample Grid ' 30 Min Count time	Dirt	ND	ND	9.12E-07	NA	1.76E-05	NA	NA	NA	NA
11/1/05 13:00	FSB Dirt Sample Grid ' 30 Min Count time	Dirt	ND	ND	9.44E-07	NA	1.40E-05	NA	NA	NA	NA
11/4/05 9:30	FSB Dirt Sample Grid C1 51' Pipe Soil ' 50 Min Count time	Dirt	4.45E-07	ND	2.35E-06	NA	1.51E-05	NA	NA	NA	NA
11/4/05 11:35	FSB Dirt Sample Grid C5 54' C5 52' C3-4 54' 33 Min Count time	Dirt	ND	ND	1.83E-07	NA	1.81E-05	NA	NA	NA	NA
11/4/05 14:35	FSB Dirt Sample Grid C7&8 55' C6-7 54' C7-8 51' C6-7 51' B6-7 51' 29 Min Count time	Dirt	ND	ND	1.78E-07	NA		NA	NA	NA	NA
11/4/05 15:00	FSB Dirt Sample Grid C6-7 51' B6-7 51' 24 Min Count time	Dirt	ND	ND	1.55E-06	NA	2.75E-05	NA	NA	NA	NA
11/8/05 16:30	FSB Dirt Sample Grid AB-7-8 51', AB-6-7 51', AB6-7 51', ABC-2-3-5 51', AB-6-7 51', 30 Min Count time	Dirt	ND	ND	1.47E-06	NA	1.57E-05	NA	NA	NA	NA
11/9/05 10:45	FSB Dirt Sample Sample #1 Grid ABC-3-4-5 51', BC-4-5 51', AB-6-7-8 51', ABC-4-5-6 51', BC-4-5 51', 30 Min Count time	Dirt	ND	ND	ND	NA	1.94E-05	NA	NA	NA	NA
11/9/05 12:00	FSB Dirt Sample Sample #2 Grid Pre-drilling soil sample Dirt by Leak area, 30 Min Count time	Dirt	ND	ND	ND	NA	2.09E-05	NA	NA	NA	NA
11/9/05 16:00	FSB Dirt Sample from open pipe found in FSB excavation below leak area, 30 Min Count time	Dirt	3.27E-07	ND	1.10E-06	NA	2.51E-05	NA	NA	NA	NA
11/11/05 9:00	FSB Dirt Sample 60 Min Count time 40% Det Grid ABC-7-8 51'	Dirt	ND	ND	1.59E-07		2.09E-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
11/14/05 8:30	FSB Slurry from drilling in IP-2 FSB C-1	Slurry	ND	ND	ND	NA	4.91E-06	NA	NA	NA	NA
11/16/05 12:00	FSB Rock Core from Well Drilling at C-1	Rock Core	ND	ND	ND	NA	8.31E-06	NA	NA	NA	NA

Sample Collection Date	Location	Type	Co-60 uCi/gm	Cs-134uCi/gm	Cs-137 uCi/gm	Cs-137/Cs-134 Ratio	Boron ppm	Tritium uCi/gm	Water Volume cc	Water Leakage Rate Li/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 distallation & 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	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

Sample Collection Date	Location	Type	Co-60 uCi/gm	Cs-134uCi/gm	Cs-137 uCi/gm	Cs-137/Cs-134 Ratio	Boron ppm	Tritium uCi/gm	Water Volume cc	Water Leakage Rate Li/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 09:930 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 09:930 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 09:930 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 09:930 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

Sample Collection Date	Location	Type	Co-60 uCi/gm	Cs-134uCi/gm	Cs-137 uCi/gm	Cs-137/Cs-134 Ratio	Boron ppm	Tritium uCi/gm	Water Volume cc	Water Leakage Rate Li/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

Sample Collection Date	Location	Type	Co-60 uCi/gm	Cs-134uCi/gm	Cs-137 uCi/gm	Cs-137/Cs-134 Ratio	Boron ppm	Tritium uCi/gm	Water Volume cc	Water Leakage Rate Li/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	1710	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	1210	2.08E-02	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	1350	2.08E-02	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	1330	2.08E-02	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	1115	2.07E-02	1182	1.182	NA	NA	NA

Sample Collection Date	Location	Type	Co-60 uCi/gm	Cs-134uCi/gm	Cs-137 uCi/gm	Cs-137/Cs-134 Ratio	Boron ppm	Tritium uCi/gm	Water Volume cc	Water Leakage Rate Li/day	Ni-63	Sr-89	Sr-90
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	1160	2.06E-02	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	1045	2.11E-02	1092	1.092	NA	NA	NA
10/26/05 8:30	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. 1074 mLi over 23 hours	40% Detector - 1 hour count	ND	8.40E-08	2.89E-06	34	950	2.11E-02	1074	1.120	NA	NA	NA
10/27/05 8:30	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. 1290 mLi over 24 hours	40% Detector - 1 hour count	ND	2.32E-07	3.90E-06	17	1290	2.11E-02	1262	1.262	NA	NA	NA
10/28/05 8:30	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. 1191 mLi over 24 hours	40% Detector - 1 hour count	ND	1.71E-07	2.88E-06	17	NA	2.17E-02	1191	1.191	NA	NA	NA
10/31/05 9:30	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. 3000 mLi over 73 hours	40% Detector - 1 hour count	ND	2.18E-07	3.31E-06	15	1555	2.06E-02	3000	0.986	NA	NA	NA
11/1/05 9:30	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. 1381 mLi over 24 hours	40% Detector - 1 hour count **Only one Co-60 Peak Identified**	8.49E-08	2.57E-07	3.84E-06	15	1670	2.22E-02	1381	1.381	NA	NA	NA
11/2/05 8:00	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. 1253 mLi over ~24 hours	40% Detector - 1 hour count **Only one Co-60 Peak Identified**	4.71E-08	2.85E-07	4.21E-06	15	1628	2.23E-02	1253	1.253	NA	NA	NA
11/3/05 8:00	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. 1245 mLi over 24.5 hours	40% Detector - 1 hour count	ND	2.85E-07	4.26E-06	15	1460	2.16E-02	1245	1.220	NA	NA	NA
11/4/05 8:30	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. 1049 mLi over 24 hours	40% Detector - 1 hour count **Only one Co-60 Peak Identified**	1.27E-07	2.76E-07	4.47E-06	16	1597	2.10E-02	1049	1.049	NA	NA	NA
11/7/05 8:30	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. 2658 mLi over 73 hours	40% Detector - 1 hour count	1.52E-07	4.04E-07	5.86E-06	15	1860	2.14E-02	2658	0.873	NA	NA	NA
11/8/05 9:30	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. 585 mLi over 23 hours	40% Detector - 1 hour count	4.36E-08	3.67E-07	4.83E-06	13	1475	2.14E-02	585	0.610	NA	NA	NA

Sample Collection Date	Location	Type	Co-60 uCi/gm	Cs-134uCi/gm	Cs-137 uCi/gm	Cs-137/Cs-134 Ratio	Boron ppm	Tritium uCi/gm	Water Volume cc	Water Leakage Rate Li/day	Ni-63	Sr-89	Sr-90
11/9/05 8:00	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. 472 mLi over 24 hours	40% Detector - 1 hour count	ND	3.58E-07	4.64E-06	13	1325	Pending 11-15-05	472	0.472	NA	NA	NA
11/10/05 9:30	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. 501 mLi over 24 hours	40% Detector - 1 hour count	ND	2.40E-07	3.85E-06	16	1035	2.03E-02	501	0.501	NA	NA	NA
11/12/05 8:00	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. 738 mLi over ~48 hours	40% Detector - 1 hour count	ND	1.89E-07	2.41E-06	13	750	2.04E-02	738	0.369	NA	NA	NA
11/14/05 8:00	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. 336.4 mLi over ~48 hours	40% Detector - 1 hour count	ND	2.48E-07	2.69E-06	11	600	1.83E-02	336	0.168	NA	NA	NA
11/15/05 8:00	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. 100 mLi over ~24 hours	40% Detector - 1 hour count	ND	ND	3.98E-06	NA	440	1.77E-02	100	0.100	NA	NA	NA
11/16/05 8:00	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. 91.75 mLi over ~24 hours	40% Detector - 1 hour count	ND	1.94E-07	2.45E-06	13	140	1.62E-02	92	0.092	NA	NA	NA
11/17/05 8:00	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. 75 mLi over ~23 hours	40% Detector - 1 hour count	ND	ND	2.89E-06	NA	142	1.63E-02	75	0.078	NA	NA	NA
11/18/05 8:00	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. 160 mLi over ~24 hours	40% Detector - 1 hour count	ND	ND	1.76E-06	NA	91	1.76E-02	160	0.154	NA	NA	NA
11/21/05 8:30	Behind plastic on 60' & 64' Elev North wall Grid C-1 Gutter. 191 mLi over ~72 hours - **Only one Cs-134 Peak ID'd**	40% Detector - 1 hour count	ND	ND	1.69E-06	NA	65	Pending 11-25-05	191	0.064	NA	NA	NA

Sample Collection Date	Well Designator	Location	Type	Co-60 uCi/gm	Cs-134uCi/gm	Cs-137 uCi/gm	Cs-137/Cs-134 Ratio	Tritium uCi/gm	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	ND	ND	ND	ND
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	ND	ND	ND	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	4.06E-07	NA	NA	NA	NA
10/18/2005	News Croton Resv	News Croton Resv	Water	ND	ND	ND	NA	NA	NA	NA	NA	NA
10/18/2005	Camp Field Resv	Camp Field Resv	Water	ND	ND	ND	NA	NA	NA	NA	NA	NA
10/18/2005	Amicus Resv	Amicus Resv	Water	ND	ND	ND	NA	NA	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

Sample Collection Date	Well Designator	Location	Type	Co-60 uCi/gm	Cs-134uCi/gm	Cs-137 uCi/gm	Cs-137/Cs-134 Ratio	Tritium uCi/gm	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	ND	ND	ND	NA	ND	NA	NA	NA	NA
10/21/2005	U3-2	IP-3 Well U-2 Located at north end of IP-3 Turbine building	Water	ND	ND	ND	NA	ND	NA	NA	NA	NA
10/21/2005	U3-3	IP-3 Well U-3 Located at north end of IP-3 Turbine building	Water	ND	ND	ND	NA	ND	NA	NA	NA	NA
10/21/2005	U3-4	IP-3 Well U-4 Located at north end of IP-3 Turbine building	Water	ND	ND	ND	NA	3.99E-07	NA	NA	NA	NA
10/21/2005	U3-T2	north end of IP-3 Turbine building	Water	ND	ND	ND	NA	1.47E-06	NA	NA	NA	NA
10/21/2005	U3-T1	IP-3 Point T-1 Located inside South end of IP-3 Turbine building	Water	ND	ND	ND	NA	ND	NA	NA	NA	NA
10/21/2005	U2-CST	IP-2 Point T-1 Located inside South end of IP-3 Turbine building	Water	ND	ND	ND	NA	ND	NA	NA	NA	NA
10/21/2005	MW-111	Transformer Yard Area Monitoring well - **DEC Cross Check Sample**	Water	NA	NA	NA	NA	2.67E-04	NA	NA	NA	NA
10/21/2005	U3-1	IP-3 Well U-1 Located at north end of IP-3 Turbine building - **DEC Cross Check Sample**	Water	NA	NA	NA	NA	ND	NA	NA	NA	NA
10/21/2005	U3-2	IP-3 Well U-2 Located at north end of IP-3 Turbine building- **DEC Cross Check Sample**	Water	NA	NA	NA	NA	5.12E-07	NA	NA	NA	NA
10/21/2005	U3-3	IP-3 Well U-3 Located at north end of IP-3 Turbine building - **DEC Cross Check Sample**	Water	NA	NA	NA	NA	ND	NA	NA	NA	NA
10/21/2005	U3-4	IP-3 Well U-4 Located at north end of IP-3 Turbine building - **DEC Cross Check Sample**	Water	NA	NA	NA	NA	3.44E-07	NA	NA	NA	NA
10/21/2005	U3-T2	IP-3 Point T-2 Located inside north end of IP-3 Turbine building - **DEC Cross Check Sample**	Water	NA	NA	NA	NA	1.42E-06	NA	NA	NA	NA

Sample Collection Date	Well Designator	Location	Type	Co-60 uCi/gm	Cs-134uCi/gm	Cs-137 uCi/gm	Cs-137/Cs-134 Ratio	Tritium uCi/gm	Ni-63	Sr-89	Sr-90	Fe-55
10/21/2005	U3-T1	IP-3 Point T-1 Located inside South end of IP-3 Turbine building - **DEC Cross Check Sample**	Water	NA	NA	NA	NA	ND	NA	NA	NA	NA
10/21/2005	U2-CST	IP-2 Point T-1 Located inside South end of IP-3 Turbine building - **DEC Cross Check Sample**	Water	NA	NA	NA	NA	ND	NA	NA	NA	NA
10/25/2005	Trap Rock	Rock Quary	Water	Pending JAF 10-31-05	Pending JAF 10-31-05	Pending JAF 10-31-05	NA	ND	NA	NA	NA	NA
10/28/2005	MW-111	Transformer Yard Area Monitoring well	Water	Pending JAF 11-01-05	Pending JAF 11-01-05	Pending JAF 11-01-05	NA	2.18E-04	NA	NA	NA	NA
10/28/2005	U3-1	IP-3 Well U-1 Located at north end of IP-3 Turbine building	Water	ND	ND	ND	NA	ND	NA	NA	NA	NA
10/28/2005	U3-2	IP-3 Well U-2 Located at north end of IP-3 Turbine building	Water	ND	ND	ND	NA	ND	NA	NA	NA	NA
10/28/2005	U3-3	IP-3 Well U-3 Located at north end of IP-3 Turbine building	Water	ND	ND	ND	NA	ND	NA	NA	NA	NA
10/28/2005	U3-4	IP-3 Well U-4 Located at north end of IP-3 Turbine building	Water	ND	ND	ND	NA	4.05E-07	NA	NA	NA	NA
10/28/2005	U3-T2	north end of IP-3 Turbine building	Water	ND	ND	ND	NA	1.28E-06	NA	NA	NA	NA
10/28/2005	U3-T1	IP-3 Point T-1 Located inside South end of IP-3 Turbine building	Water	ND	ND	ND	NA	ND	NA	NA	NA	NA
11/04/2005	MW-111	Transformer Yard Area Monitoring well	Water	Pending JAF 11-01-05	Pending JAF 11-01-05	Pending JAF 11-01-05	NA	3.02E-04	NA	NA	NA	NA
11/04/2005	U3-1	IP-3 Well U-1 Located at north end of IP-3 Turbine building	Water	ND	ND	ND	NA	ND	NA	NA	NA	NA
11/04/2005	U3-2	IP-3 Well U-2 Located at north end of IP-3 Turbine building	Water	ND	ND	ND	NA	ND	NA	NA	NA	NA
11/04/2005	U3-3	IP-3 Well U-3 Located at north end of IP-3 Turbine building	Water	ND	ND	ND	NA	ND	NA	NA	NA	NA
11/04/2005	U3-4	IP-3 Well U-4 Located at north end of IP-3 Turbine building	Water	ND	ND	ND	NA	ND	NA	NA	NA	NA
11/04/2005	U3-T2	north end of IP-3 Turbine building	Water	ND	ND	ND	NA	1.19E-06	NA	NA	NA	NA
11/04/2005	U3-T1	IP-3 Point T-1 Located inside South end of IP-3 Turbine building	Water	ND	ND	ND	NA	ND	NA	NA	NA	NA

Sample Collection Date	Well Designator	Location	Type	Co-60 uCi/gm	Cs-134uCi/gm	Cs-137 uCi/gm	Cs-137/Cs-134 Ratio	Tritium uCi/gm	Ni-63	Sr-89	Sr-90	Fe-55
11/03/2005	MW-108	Gas Turbine Area Monitoring well	Water	ND	ND	ND	NA	ND	NA	NA	NA	NA
11/04/2005	MW-109	Gas Turbine Area Monitoring well	Water	ND	ND	ND	NA	ND	NA	NA	NA	NA
11/10/2005	MW-111	Transformer Yard Area Monitoring well	Water	ND	ND	ND	NA	2.46E-04	NA	NA	NA	NA
11/10/2005	U3-1	IP-3 Well U-1 Located at north end of IP-3 Turbine building	Water	Pending JAF 11-17-05	Pending JAF 11-17-05	Pending JAF 11-17-05	NA	ND	NA	NA	NA	NA
11/10/2005	U3-2	IP-3 Well U-2 Located at north end of IP-3 Turbine building	Water	Pending JAF 11-17-05	Pending JAF 11-17-05	Pending JAF 11-17-05	NA	ND	NA	NA	NA	NA
11/10/2005	U3-3	IP-3 Well U-3 Located at north end of IP-3 Turbine building	Water	Pending JAF 11-17-05	Pending JAF 11-17-05	Pending JAF 11-17-05	NA	4.71E-07	NA	NA	NA	NA
11/10/2005	U3-4	IP-3 Well U-4 Located at north end of IP-3 Turbine building	Water	Pending JAF 11-17-05	Pending JAF 11-17-05	Pending JAF 11-17-05	NA	ND	NA	NA	NA	NA
11/10/2005	U3-T2	IP-3 Point T-2 Located inside north end of IP-3 Turbine building	Water	Pending JAF 11-17-05	Pending JAF 11-17-05	Pending JAF 11-17-05	NA	1.64E-06	NA	NA	NA	NA
11/10/2005	U3-T1	IP-3 Point T-1 Located inside South end of IP-3 Turbine building	Water	Pending JAF 11-17-05	Pending JAF 11-17-05	Pending JAF 11-17-05	NA	5.63E-07	NA	NA	NA	NA
11/18/2005	MW-111	Transformer Yard Area Monitoring well	Water	ND	ND	ND	NA	1.76E-04	NA	NA	NA	NA

Sample Collection Date	Well Designator	Location	Type	Co-60 uCi/gm	Cs-134uCi/gm	Cs-137 uCi/gm	Cs-137/Cs-134 Ratio	Tritium uCi/gm	Ni-63	Sr-89	Sr-90	Fe-55
11/9/05 17:00	FSB	FSB By C-1 - Water from Drilling 40% Det 1 hour	Water	ND	ND	ND	NA	ND	NA	NA	NA	NA

Sample Collection Date	Location	Type	Co-60 uCi	Cs-134 uCi	Cs-137 uCi	Cs-137/Cs-134 Ratio	Tritium uCi/gm	Co-58 uCi
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:	NA
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	NA
10/26/05 9:30 AM	IP-2 51' PAB 15' Sump	Water	3.74E-05	2.02E-05	5.69E-05	3	Pending 11-1-05	2.47E-06

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

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		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		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		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

############	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

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
C						
B						
A						

East

South