

GROUP: B

RECORDS BEING RELEASED IN-PART

The following types of information are being withheld:

- Ex. 1: Records properly classified pursuant to Executive Order 13526
- Ex. 2: Records regarding personnel rules and/or human capital administration
- Ex. 3: Information about the design, manufacture, or utilization of nuclear weapons
 Information about the protection or security of reactors and nuclear materials
 Contractor proposals not incorporated into a final contract with the NRC
 Other _____
- Ex. 4: Proprietary information provided by a submitter to the NRC
 Other _____
- Ex. 5: Draft documents or other pre-decisional deliberative documents (D.P. Privilege)
 Records prepared by counsel in anticipation of litigation (A.W.P. Privilege)
 Privileged communications between counsel and a client (A.C. Privilege)
 Other _____
- Ex. 6: Agency employee PII, including SSN, contact information, birthdates, etc.
 Third party PII, including names, phone numbers, or other personal information
- Ex. 7(A): Copies of ongoing investigation case files, exhibits, notes, ROI's, etc.
 Records that reference or are related to a separate ongoing investigation(s)
- Ex. 7(C): Special Agent or other law enforcement PII
 PII of third parties referenced in records compiled for law enforcement purposes
- Ex. 7(D): Witnesses' and Allegers' PII in law enforcement records
 Confidential Informant or law enforcement information provided by other entity
- Ex. 7(E): Law Enforcement Technique/Procedure used for criminal investigations
 Technique or procedure used for security or prevention of criminal activity
- Ex. 7(F): Information that could aid a terrorist or compromise security

GENERAL/EFFLUENT AIRBORNE CONCENTRATION LOG (Rev 6)

Counting Instrument:		2929		Detector:		43-10-1		Cal. Date:		4/7/2008											
Serial #:		200051		Serial #:		PR125948		Cal. Due Date OK?		WARNING											
Radiation Type	Counting Efficiency (fraction)	Source Nuclide	Source Number	Original Source Activity (DPM)	Source Creation Date	T _{1/2} (yr)	Source Decayed Activity	Sample Count time (min)	Background Count time (min)	Limiting Alpha Isotope of Concern		Limiting Beta Isotope of Concern									
Alpha	0.3470	Th-230	3973-02	17.500	4/29/2002	7.54E+04	17499	20	20	Isotope	10CFR20 Occupational DAC /Effluent	Isotope	10CFR20 Occupational DAC /Effluent								
Beta	0.3090	Tc-99	3975-02	17.700	4/29/2002	2.11E+05	17700	20	20	U-238	6.00E-14	U-238	6.00E-14								
Type	Air Sample Start Date/Time	Air Sample End Date/Time	Count Date	Run Time (min)	Flow Rate (lpm)	Sample Gross Alpha (Counts)	Sample Gross Beta (Counts)	Alpha Bkg (cpm)	Beta Bkg (cpm)	Filter Efficiency (fraction)	Sample Alpha Activity (dpm)	Sample Beta Activity (dpm)	Alpha Count Concn. (uCi/cc)	Beta Count Concn. (uCi/cc)	Fraction Environ. Effluent Limit Alpha	Fraction Environ. Effluent Limit Beta	Alpha MDA (uCi/cc)	Beta MDA (uCi/cc)			
R-14-BKG	4/30/08 8:00	5/1/08 16:00	05/07/08	1920	80.0	3	909	0.10	43.50	0.94	0	6	8.51E-16	1.96E-14	0.01	0.33	4.16E-15	7.03E-14			
R-14-BKG	4/30/08 8:00	5/1/08 16:00	05/07/08	1920	80.0	6	934	0.10	43.50	0.94	1	10	2.60E-15	3.22E-14	0.04	0.54	4.16E-15	7.03E-14			
R14-Upwind-2808-050608	5/6/08 8:00	5/9/08 16:00	05/12/08	4800	80.0	5	954	0.30	46.65	0.94	0	3	8.95E-17	4.22E-15	0.00	0.07	2.53E-15	2.91E-14			
R14-Downwind-3390-050608	5/6/08 8:00	5/9/08 16:00	05/12/08	4800	80.0	7	917	0.30	46.65	0.94	0	-3	5.55E-16	-3.22E-15	0.01	-0.05	2.53E-15	2.91E-14			
R14-NE-2808-051208	5/12/08 8:00	5/15/08 16:00	05/19/08	4800	80.0	3	875	0.20	43.50	0.94	0	1	-1.79E-17	1.01E-15	0.00	0.02	2.15E-15	2.81E-14			
R14-NW-2773-0501208	5/12/08 8:00	5/15/08 16:00	05/19/08	4800	80.0	8	918	0.20	43.50	0.94	1	8	1.15E-15	9.65E-15	0.02	0.16	2.15E-15	2.81E-14			
R14-SE-2590-0501208	5/12/08 8:00	5/15/08 16:00	05/19/08	4800	80.0	4	974	0.20	43.50	0.94	0	17	2.15E-16	2.09E-14	0.00	0.35	2.15E-15	2.81E-14			
R14-SW-3390-051208	5/12/08 8:00	5/15/08 16:00	05/19/08	4800	80.0	10	907	0.20	43.50	0.94	1	6	1.61E-15	7.44E-15	0.03	0.12	2.15E-15	2.81E-14			
R14-NE-2808-051908	5/19/08 8:00	5/22/08 16:00	05/27/08	4800	80.0	9	1023	0.10	44.15	0.94	1	23	1.74E-15	2.82E-14	0.03	0.47	1.66E-15	2.83E-14			
R14-NW-2773-051908	5/19/08 8:00	5/22/08 16:00	05/27/08	4800	80.0	43	937	0.10	44.15	0.94	8	9	9.65E-15	1.09E-14	0.16	0.18	1.66E-15	2.83E-14			
R14-SE-2590-051908	5/19/08 8:00	5/22/08 16:00	05/27/08	4800	80.0	10	889	0.10	44.15	0.94	2	1	1.97E-15	1.21E-15	0.03	0.02	1.66E-15	2.83E-14			
R14-SW-3390-051908	5/19/08 8:00	5/22/08 16:00	05/27/08	4800	80.0	6	920	0.10	44.15	0.94	1	6	1.04E-15	7.44E-15	0.02	0.12	1.66E-15	2.83E-14			
R14-NE-2808-052708	5/27/08 7:00	5/29/08 16:30	06/09/08	3450	80.0	18	1127	0.40	47.05	0.94	2	30	3.84E-15	5.20E-14	0.06	0.87	3.95E-15	4.07E-14			
R14-NW-2773-052708	5/27/08 7:00	5/29/08 16:30	06/09/08	3450	80.0	17	1149	0.40	47.05	0.94	2	34	3.51E-15	5.82E-14	0.06	0.97	3.95E-15	4.07E-14			
R14-SE-2590-052708	5/27/08 7:00	5/29/08 16:30	06/09/08	3450	80.0	26	1069	0.40	47.05	0.94	4	21	6.43E-15	3.58E-14	0.11	0.60	3.95E-15	4.07E-14			
R14-SW-3390-052708	5/27/08 7:00	5/29/08 16:30	06/09/08	3450	80.0	17	1077	0.40	47.05	0.94	2	22	3.51E-15	3.80E-14	0.06	0.63	3.95E-15	4.07E-14			
R14-NE-2808-060208	6/2/08 6:00	6/5/08 16:00	06/16/08	4920	80.0	23	1032	0.80	49.60	0.94	2	6	2.43E-15	7.85E-15	0.04	0.13	3.72E-15	2.93E-14			
R14-NW-2773-060208	6/2/08 6:00	6/5/08 16:00	06/16/08	4920	80.0	31	1064	0.80	49.60	0.94	4	12	4.24E-15	1.41E-14	0.07	0.24	3.72E-15	2.93E-14			
R14-SE-2590-060208	6/2/08 6:00	6/5/08 16:00	06/16/08	4920	80.0	16	979	0.80	49.60	0.94	1	-2	8.38E-16	-2.55E-15	0.01	-0.04	3.72E-15	2.93E-14			
R14-SW-3390-060208	6/2/08 6:00	6/5/08 16:00	06/16/08	4920	80.0	22	1059	0.80	49.60	0.94	2	11	2.20E-15	1.31E-14	0.04	0.22	3.72E-15	2.93E-14			
R14-NE-2808-060908	6/9/08 6:00	6/12/08 6:00	06/16/08	4320	80.0	51	1163	0.80	49.60	0.94	7	28	1.00E-14	3.82E-14	0.17	0.64	4.24E-15	3.33E-14			
R14-NW-2773-060908	6/9/08 6:00	6/12/08 6:00	06/16/08	4320	80.0	57	1177	0.80	49.60	0.94	8	30	1.16E-14	4.13E-14	0.19	0.69	4.24E-15	3.33E-14			
R14-SE-2590-060908	6/9/08 6:00	6/12/08 6:00	06/16/08	4320	80.0	48	1156	0.80	49.60	0.94	7	27	9.23E-15	3.66E-14	0.15	0.61	4.24E-15	3.33E-14			
R14-SW-3390-060908	6/9/08 6:00	6/12/08 6:00	06/16/08	4320	80.0	71	1188	0.80	49.60	0.94	11	32	1.52E-14	4.38E-14	0.25	0.73	4.24E-15	3.33E-14			
R14-NE-2808-061608	6/16/08 6:00	6/19/08 15:00	06/23/08	4860	80.0	17	1125	0.55	48.70	0.94	2	24	1.96E-15	3.00E-14	0.03	0.50	3.21E-15	2.94E-14			
R14-NW-2773-061608	6/16/08 6:00	6/19/08 15:00	06/23/08	4860	80.0	93	1292	0.55	48.70	0.94	16	51	1.94E-14	6.32E-14	0.32	1.05	3.21E-15	2.94E-14			
R14-SE-2590-061608	6/16/08 6:00	6/19/08 15:00	06/23/08	4860	80.0	24	1041	0.55	48.70	0.94	3	11	3.57E-15	1.33E-14	0.06	0.22	3.21E-15	2.94E-14			
R14-SW-3390-061608	6/16/08 6:00	6/19/08 15:00	06/23/08	4860	80.0	20	1082	0.55	48.70	0.94	2	17	2.65E-15	2.14E-14	0.04	0.36	3.21E-15	2.94E-14			
R14-NE-2808-062308	6/23/08 6:00	6/26/08 15:00	06/30/08	4860	80.0	34	1073	0.50	51.70	0.94	5	8	6.05E-15	7.75E-15	0.10	0.13	3.08E-15	3.03E-14			
R14-NW-2773-062308	6/23/08 6:00	6/26/08 15:00	06/30/08	4860	80.0	106	1329	0.50	51.70	0.94	18	48	2.26E-14	5.86E-14	0.39	0.98	3.08E-15	3.03E-14			
R14-SE-2590-062308	6/23/08 6:00	6/26/08 15:00	06/30/08	4860	80.0	39	1139	0.50	51.70	0.94	8	17	7.20E-15	2.09E-14	0.12	0.35	3.08E-15	3.03E-14			
R14-SW-3390-062308	6/23/08 6:00	6/26/08 15:00	06/30/08	4860	80.0	27	1105	0.50	51.70	0.94	4	11	4.44E-15	1.41E-14	0.07	0.23	3.08E-15	3.03E-14			
R14-NE-2808-063008	6/30/08 6:00	7/2/08 14:30	07/07/08	4830	80.0	29	1158	0.60	48.70	0.94	4	30	4.57E-15	3.68E-14	0.08	0.61	3.35E-15	2.96E-14			
R14-NW-2773-063008	6/30/08 6:00	7/2/08 14:30	07/07/08	4830	80.0	90	1271	0.60	48.70	0.94	15	48	1.87E-14	5.93E-14	0.31	0.99	3.35E-15	2.96E-14			
R14-SE-2590-063008	6/30/08 6:00	7/2/08 14:30	07/07/08	4830	80.0	39	1185	0.60	48.70	0.94	6	34	6.89E-15	4.22E-14	0.11	0.70	3.35E-15	2.96E-14			
R14-SW-3390-063008	6/30/08 6:00	7/2/08 14:30	07/07/08	4830	80.0	22	1098	0.60	48.70	0.94	2	20	2.95E-15	2.48E-14	0.05	0.41	3.35E-15	2.96E-14			
R14-NE-2808-070708	7/7/08 6:00	7/10/08 14:00	07/14/08	4800	80.0	49	1219	1.10	53.70	0.94	6	23	7.47E-15	2.92E-14	0.12	0.49	4.39E-15	3.12E-14			
R14-NW-2773-070708	7/7/08 6:00	7/10/08 14:00	07/14/08	4800	80.0	156	1558	1.10	53.70	0.94	26	78	3.24E-14	9.73E-14	0.54	1.62	4.39E-15	3.12E-14			
R14-SE-2590-070708	7/7/08 6:00	7/10/08 14:00	07/14/08	4800	80.0	22	1078	1.10	53.70	0.94	1	1	1.18E-15	8.04E-16	0.02	0.01	4.39E-15	3.12E-14			
R14-SW-3390-070708	7/7/08 6:00	7/10/08 14:00	07/14/08	4800	80.0	22	1063	1.10	53.70	0.94	1	-2	1.18E-15	-2.21E-15	0.02	-0.04	4.39E-15	3.12E-14			
R14-NE-2808-071408	7/14/08 6:00	7/17/08 14:00	07/21/08	4800	80.0	27	1171	0.90	49.10	0.94	2	31	3.06E-15	3.60E-14	0.05	0.63	4.02E-15	2.99E-14			

PERSONNEL AIR MONITORING DATA CALCULATION LOG (Rev 6)

Counting Instrument:		2929	Detector:		43-10-1	Cal. Date:		4/7/2008											
Serial #:		200051	Serial #:		PR125948	Cal. Due Date OK?		OK											
Radiation Type	Counting Efficiency (fraction)	Source Nuclide	Source Number	Original Source Activity (DPM)	Source Creation Date	T _{1/2} (yr)	Source Decayed Activity	Sample Count time (min)	Background Count time (min)	Limiting Alpha Isotope of Concern			Limiting Beta Isotope of Concern						
Alpha	0.3470	Th-230	3973-02	17.500	4/29/2002	7.54E+04	17499	20	20	Isotope	10CFR20 Occup. DAC		Isotope	10CFR20 Occup. DAC					
Beta	0.3090	Tc-99	3975-02	17.700	4/29/2002	2.11E+05	17700	20	20	U-238	2.00E-11		U-238	2.00E-11					
EXEMPTION Person Monitored		Air Sample Start Time Period Date/Time	Air Sample End Time Period Date/Time	Count Date	Total BZ Run Time (min)	Flow rate (lpm)	Sample Gross Alpha (Counts)	Sample Gross Beta (Counts)	Alpha Bkg (cpm)	Beta Bkg (cpm)	Filter Efficiency (fraction)	Sample Alpha Activity (dpm)	Sample Beta Activity (dpm)	Alpha Count Concn. (uCi/cc)	Beta Count Concn. (uCi/cc)	Alpha DAC-hours	Beta DAC-hours	Alpha MDA (uCi/cc)	Beta MDA (uCi/cc)
(b)(6)		5/8/08 10:00	5/8/08 10:30	05/12/08	30	4.0	11	941	0.3	46.65	0.80	1	1	3.38E-12	6.07E-12	0.1	0.2	9.54E-12	1.10E-10
		5/8/08 10:00	5/12/08 16:45	05/13/08	225	4.0	17	928	0.2	47.05	0.80	2	-2	1.17E-12	-1.52E-12	0.2	-0.3	1.08E-12	1.47E-11
		5/12/08 13:30	5/12/08 16:45	05/13/08	195	4.0	13	987	0.3	42.35	0.80	1	23	7.28E-13	1.64E-11	0.1	2.7	1.47E-12	1.61E-11
		5/13/08 13:30	5/13/08 15:30	05/14/08	67	4.0	96	1228	0.3	39.1	0.80	13	72	2.72E-11	1.52E-10	1.5	8.5	4.27E-12	4.52E-11
		5/8/08 10:00	5/14/08 15:30	05/14/08	697	4.0	11	882	0.3	39.1	0.80	1	16	1.46E-13	3.27E-12	0.1	1.9	4.11E-13	4.34E-12
		5/15/08 8:00	5/15/08 16:30	05/19/08	356	4.0	30	952	0.2	43.5	0.80	4	13	1.48E-12	5.25E-12	0.4	1.6	6.85E-13	8.95E-12
		5/19/08 8:00	5/19/08 16:30	05/20/08	416	4.0	327	1653	0.2	46.25	0.80	47	118	1.57E-11	3.99E-11	5.5	13.8	5.86E-13	7.90E-12
		5/21/08 8:00	5/21/08 16:30	05/27/08	119	4.0	114	1149	0.1	44.15	0.80	16	43	1.91E-11	5.09E-11	1.9	5.0	1.58E-12	2.70E-11
		5/28/08 9:00	5/28/08 13:00	06/02/08	164	4.0	68	1103	0.25	45.90	0.80	9	30	7.79E-12	2.57E-11	1.1	3.5	1.62E-12	2.00E-11
		5/28/08 9:00	5/28/08 13:00	06/02/08	151	4.0	51	1086	0.25	45.90	0.80	7	27	6.18E-12	2.53E-11	0.8	3.2	1.76E-12	2.17E-11
		6/2/08 7:00	6/3/08 16:00	06/09/08	636	4.0	238	1677	0.40	47.05	0.80	33	119	7.34E-12	2.64E-11	3.8	14.0	5.06E-13	5.21E-12
		6/2/08 7:00	6/3/08 16:00	06/09/08	665	4.0	26	1040	0.40	47.05	0.80	3	16	5.49E-13	3.38E-12	0.3	1.9	4.84E-13	4.98E-12
		6/9/08 7:00	6/12/08 15:30	06/16/08	813	4.0	109	1280	0.80	49.60	0.80	13	47	2.32E-12	8.07E-12	1.6	5.5	5.32E-13	4.18E-12
		6/10/08 9:00	6/10/08 12:40	06/16/08	180	4.0	16	982	0.80	49.60	0.80	0	-2	0.00E+00	-1.27E-12	0.0	-0.2	2.40E-12	1.89E-11
		6/16/08 8:00	6/19/08 13:00	06/23/08	1309	4.0	181	1452	0.55	48.70	0.80	24	77	2.63E-12	8.32E-12	2.9	9.1	2.81E-13	2.57E-12
		6/23/08 7:00	6/26/08 13:30	06/30/08	1630	4.0	79	1074	0.50	51.70	0.80	10	8	8.59E-13	5.99E-13	1.2	0.8	2.17E-13	2.13E-12
		6/30/08 7:00	7/2/08 14:30	07/07/08	1331	4.0	84	1162	0.60	48.70	0.80	10	30	1.10E-12	3.22E-12	1.2	3.6	2.87E-13	2.53E-12
		7/7/08 7:00	7/10/08 14:00	07/14/08	1375	4.0	67	1334	1.10	53.70	0.80	6	42	6.64E-13	4.31E-12	0.8	4.9	3.62E-13	2.57E-12
		7/9/08 8:00	7/9/08 15:00	07/14/08	482	4.0	27	1182	1.10	53.70	0.80	1	17	2.10E-13	5.10E-12	0.1	2.0	1.03E-12	7.33E-12
		7/14/08 7:00	7/17/08 14:00	07/21/08	1423	4.0	81	1819	0.90	49.10	0.80	9	135	8.98E-13	1.34E-11	1.1	15.9	3.20E-13	2.38E-12
		7/21/08 7:00	7/24/08 14:00	07/28/08	1485	4.0	26	1037	0.80	47.20	0.80	1	15	1.37E-13	1.43E-12	0.2	1.8	2.91E-13	2.23E-12
		7/28/08 7:00	7/31/08 13:30	08/04/08	1604	4.0	22	1010	0.80	51.30	0.80	1	-3	7.59E-14	-2.27E-13	0.1	-0.3	2.70E-13	2.15E-12
		8/4/08 7:00	8/7/08 14:00	08/11/08	1719	4.0	22	1013	0.90	47.80	0.80	1	9	4.72E-14	7.55E-13	0.1	1.1	2.65E-13	1.94E-12
		8/11/08 7:00	8/14/08 14:00	08/18/08	1493	4.0	19	1002	0.50	48.90	0.80	1	4	1.22E-13	3.66E-13	0.2	0.5	2.37E-13	2.26E-12
		8/18/08 7:00	8/21/08 13:30	08/25/08	1558	4.0	27	979	0.60	48.40	0.80	2	2	1.43E-13	1.61E-13	0.2	0.2	2.78E-13	2.16E-12
		8/25/08 7:00	8/28/08 12:00	09/02/08	1736	4.0	51	1052	0.80	51.10	0.80	5	5	4.09E-13	3.94E-13	0.6	0.6	2.49E-13	1.99E-12
		9/2/08 7:00	9/4/08 13:00	09/08/08	882	4.0	24	966	1.10	48.70	0.80	0	-1	4.60E-14	-2.07E-13	0.0	-0.2	5.64E-13	3.82E-12
		9/8/08 8:30	9/11/08 15:00	09/15/08	1386	4.0	18	1008	0.70	51.10	0.80	1	-2	5.85E-14	-2.30E-13	0.1	-0.3	2.94E-13	2.49E-12