

NOTE: "Sig" is significance, with "Yes" meaning detectable and "No" meaning less than the analytical method detection limit. If the uncertainty (standard deviation) is large, the significance may also be set to "No".

Data Table 4–2, 2013 Radioactivity in Liquid Effluent Samples

Summary Statistic Section					
2013 Radioactivity in Liquid Effluent : Units are pCi/L					
Location	Nuclide	SummaryStat	SampleCon	SampleStd	Sig
Onsite					
F-012 281-8F Retention Basin	H-3	N	12	NA	NA
F-012 281-8F Retention Basin	H-3	Mean	1.39E+03	5.09E+01	NA
F-012 281-8F Retention Basin	H-3	Minimum	4.49E+02	1.46E+02	Yes
F-012 281-8F Retention Basin	H-3	Maximum	2.35E+03	2.01E+02	Yes
F-013 200-F Cooling Basin	H-3	N	10	NA	NA
F-013 200-F Cooling Basin	H-3	Mean	1.81E+03	5.52E+01	NA
F-013 200-F Cooling Basin	H-3	Minimum	7.43E+02	1.54E+02	Yes
F-013 200-F Cooling Basin	H-3	Maximum	3.57E+03	2.25E+02	Yes
F-05	H-3	N	10	NA	NA
F-05	H-3	Mean	6.04E+02	4.94E+01	NA
F-05	H-3	Minimum	-6.95E+00	1.22E+02	No
F-05	H-3	Maximum	2.00E+03	1.94E+02	Yes
FM-1C H-Area Effluent	H-3	N	12	NA	NA
FM-1C H-Area Effluent	H-3	Mean	3.38E+03	5.47E+01	NA
FM-1C H-Area Effluent	H-3	Minimum	7.41E+02	1.49E+02	Yes
FM-1C H-Area Effluent	H-3	Maximum	1.89E+04	2.17E+02	Yes
FM-3 F-Area Effluent	H-3	N	12	NA	NA
FM-3 F-Area Effluent	H-3	Mean	8.24E+02	4.69E+01	NA
FM-3 F-Area Effluent	H-3	Minimum	-1.05E+02	1.54E+02	No
FM-3 F-Area Effluent	H-3	Maximum	2.10E+03	2.13E+02	Yes
H-004	H-3	N	11	NA	NA
H-004	H-3	Mean	1.12E+04	1.04E+02	NA
H-004	H-3	Minimum	5.57E+03	2.60E+02	Yes
H-004	H-3	Maximum	3.11E+04	5.74E+02	Yes
H-017 281-8H Retention Basin	H-3	N	21	NA	NA
H-017 281-8H Retention Basin	H-3	Mean	2.98E+03	4.62E+01	NA
H-017 281-8H Retention Basin	H-3	Minimum	1.12E+03	1.69E+02	Yes
H-017 281-8H Retention Basin	H-3	Maximum	7.97E+03	2.89E+02	Yes
HP-15 Tritium Facility Outfall	H-3	N	12	NA	NA
HP-15 Tritium Facility Outfall	H-3	Mean	9.92E+03	9.61E+01	NA
HP-15 Tritium Facility Outfall	H-3	Minimum	1.82E+03	1.80E+02	Yes
HP-15 Tritium Facility Outfall	H-3	Maximum	4.27E+04	6.54E+02	Yes
K Canal	H-3	N	12	NA	NA
K Canal	H-3	Mean	5.64E+02	4.34E+01	NA
K Canal	H-3	Minimum	-7.68E+01	1.54E+02	No
K Canal	H-3	Maximum	2.86E+03	2.10E+02	Yes
L-07	H-3	N	12	NA	NA
L-07	H-3	Mean	4.98E+02	4.39E+01	NA
L-07	H-3	Minimum	-3.38E+01	1.34E+02	No
L-07	H-3	Maximum	2.06E+03	1.96E+02	Yes

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	SummaryStat	SampleCon	SampleStd	Sig
S-004	H-3	N	12	NA	NA
S-004	H-3	Mean	6.09E+03	7.85E+01	NA
S-004	H-3	Minimum	9.24E+02	1.76E+02	Yes
S-004	H-3	Maximum	3.19E+04	5.80E+02	Yes
TB-2 Outfall at Road 1A	H-3	N	12	NA	NA
TB-2 Outfall at Road 1A	H-3	Mean	3.49E+02	3.99E+01	NA
TB-2 Outfall at Road 1A	H-3	Minimum	3.03E+01	1.59E+02	No
TB-2 Outfall at Road 1A	H-3	Maximum	1.14E+03	8.40E+01	Yes
U3R-2A ETF Outfall at Road C	H-3	N	36	NA	NA
U3R-2A ETF Outfall at Road C	H-3	Mean	9.76E+05	5.33E+03	NA
U3R-2A ETF Outfall at Road C	H-3	Minimum	8.19E+03	2.95E+02	Yes
U3R-2A ETF Outfall at Road C	H-3	Maximum	1.99E+06	4.37E+04	Yes
Z-01 Outfall	H-3	N	6	NA	NA
Z-01 Outfall	H-3	Mean	1.59E+03	7.32E+01	NA
Z-01 Outfall	H-3	Minimum	1.24E+03	1.67E+02	Yes
Z-01 Outfall	H-3	Maximum	2.52E+03	2.04E+02	Yes
Miscellaneous					
HP-52 H-Area Tank Farm	H-3	N	9	NA	NA
HP-52 H-Area Tank Farm	H-3	Mean	1.94E+03	7.09E+01	NA
HP-52 H-Area Tank Farm	H-3	Minimum	5.70E+02	1.35E+02	Yes
HP-52 H-Area Tank Farm	H-3	Maximum	4.51E+03	3.07E+02	Yes
Onsite					
F-012 281-8F Retention Basin	Co-60	N	12	NA	NA
F-012 281-8F Retention Basin	Co-60	Mean	8.53E-01	5.76E-01	NA
F-012 281-8F Retention Basin	Co-60	Minimum	-3.57E+00	2.17E+00	No
F-012 281-8F Retention Basin	Co-60	Maximum	3.59E+00	2.32E+00	No
F-013 200-F Cooling Basin	Co-60	N	10	NA	NA
F-013 200-F Cooling Basin	Co-60	Mean	1.33E+00	6.68E-01	NA
F-013 200-F Cooling Basin	Co-60	Minimum	-1.32E+00	2.33E+00	No
F-013 200-F Cooling Basin	Co-60	Maximum	4.51E+00	2.08E+00	No
F-05	Co-60	N	10	NA	NA
F-05	Co-60	Mean	3.15E-01	6.93E-01	NA
F-05	Co-60	Minimum	-2.34E+00	1.93E+00	No
F-05	Co-60	Maximum	2.84E+00	2.43E+00	No
FM-1C H-Area Effluent	Co-60	N	12	NA	NA
FM-1C H-Area Effluent	Co-60	Mean	8.39E-01	6.04E-01	NA
FM-1C H-Area Effluent	Co-60	Minimum	-4.03E+00	2.25E+00	No
FM-1C H-Area Effluent	Co-60	Maximum	5.62E+00	2.00E+00	No
FM-3 F-Area Effluent	Co-60	N	12	NA	NA
FM-3 F-Area Effluent	Co-60	Mean	1.63E-01	6.03E-01	NA
FM-3 F-Area Effluent	Co-60	Minimum	-2.53E+00	2.07E+00	No
FM-3 F-Area Effluent	Co-60	Maximum	3.41E+00	2.19E+00	No
H-004	Co-60	N	12	NA	NA
H-004	Co-60	Mean	6.07E-01	5.63E-01	NA
H-004	Co-60	Minimum	-1.65E+00	1.71E+00	No
H-004	Co-60	Maximum	3.46E+00	1.78E+00	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	SummaryStat	SampleCon	SampleStd	Sig
H-017 281-8H Retention Basin	Co-60	N	21	NA	NA
H-017 281-8H Retention Basin	Co-60	Mean	2.96E-01	4.42E-01	NA
H-017 281-8H Retention Basin	Co-60	Minimum	-3.46E+00	2.21E+00	No
H-017 281-8H Retention Basin	Co-60	Maximum	3.24E+00	2.10E+00	No
HP-15 Tritium Facility Outfall	Co-60	N	12	NA	NA
HP-15 Tritium Facility Outfall	Co-60	Mean	2.90E-02	6.20E-01	NA
HP-15 Tritium Facility Outfall	Co-60	Minimum	-4.11E+00	2.73E+00	No
HP-15 Tritium Facility Outfall	Co-60	Maximum	1.92E+00	2.02E+00	No
K Canal	Co-60	N	12	NA	NA
K Canal	Co-60	Mean	-6.00E-02	6.12E-01	NA
K Canal	Co-60	Minimum	-2.89E+00	2.06E+00	No
K Canal	Co-60	Maximum	2.63E+00	2.12E+00	No
L-07	Co-60	N	12	NA	NA
L-07	Co-60	Mean	8.83E-01	5.78E-01	NA
L-07	Co-60	Minimum	-4.54E+00	1.96E+00	No
L-07	Co-60	Maximum	4.86E+00	1.91E+00	No
S-004	Co-60	N	12	NA	NA
S-004	Co-60	Mean	1.09E+00	6.00E-01	NA
S-004	Co-60	Minimum	-1.56E+00	1.85E+00	No
S-004	Co-60	Maximum	5.22E+00	2.89E+00	No
TB-2 Outfall at Road 1A	Co-60	N	12	NA	NA
TB-2 Outfall at Road 1A	Co-60	Mean	-4.87E-02	5.99E-01	NA
TB-2 Outfall at Road 1A	Co-60	Minimum	-2.33E+00	1.96E+00	No
TB-2 Outfall at Road 1A	Co-60	Maximum	3.84E+00	2.08E+00	No
TB-3 M-Area Effluent at Road D	Co-60	N	1	NA	NA
TB-3 M-Area Effluent at Road D	Co-60	Mean	2.00E+00	2.18E+00	NA
U3R-2A ETF Outfall at Road C	Co-60	N	36	NA	NA
U3R-2A ETF Outfall at Road C	Co-60	Mean	5.33E-01	3.47E-01	NA
U3R-2A ETF Outfall at Road C	Co-60	Minimum	-4.00E+00	2.12E+00	No
U3R-2A ETF Outfall at Road C	Co-60	Maximum	5.78E+00	2.14E+00	No
Z-01 Outfall	Co-60	N	7	NA	NA
Z-01 Outfall	Co-60	Mean	1.32E+00	1.09E+00	NA
Z-01 Outfall	Co-60	Minimum	-4.32E+00	2.31E+00	No
Z-01 Outfall	Co-60	Maximum	5.22E+00	1.98E+00	No
Miscellaneous					
HP-52 H-Area Tank Farm	Co-60	N	9	NA	NA
HP-52 H-Area Tank Farm	Co-60	Mean	6.56E-01	6.72E-01	NA
HP-52 H-Area Tank Farm	Co-60	Minimum	-2.06E+00	1.96E+00	No
HP-52 H-Area Tank Farm	Co-60	Maximum	2.38E+00	2.07E+00	No
Onsite					
F-012 281-8F Retention Basin	Cs-137	N	12	NA	NA
F-012 281-8F Retention Basin	Cs-137	Mean	1.18E+01	1.01E+00	NA
F-012 281-8F Retention Basin	Cs-137	Minimum	4.92E+00	2.39E+00	No
F-012 281-8F Retention Basin	Cs-137	Maximum	2.12E+01	4.26E+00	Yes

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	SummaryStat	SampleCon	SampleStd	Sig
F-013 200-F Cooling Basin	Cs-137	N	10	NA	NA
F-013 200-F Cooling Basin	Cs-137	Mean	4.23E+00	7.73E-01	NA
F-013 200-F Cooling Basin	Cs-137	Minimum	1.29E+00	2.61E+00	No
F-013 200-F Cooling Basin	Cs-137	Maximum	6.57E+00	2.57E+00	No
F-05	Cs-137	N	10	NA	NA
F-05	Cs-137	Mean	6.63E-01	7.07E-01	NA
F-05	Cs-137	Minimum	-1.67E+00	1.82E+00	No
F-05	Cs-137	Maximum	6.35E+00	2.49E+00	No
FM-1C H-Area Effluent	Cs-137	N	12	NA	NA
FM-1C H-Area Effluent	Cs-137	Mean	6.07E-01	6.18E-01	NA
FM-1C H-Area Effluent	Cs-137	Minimum	-2.20E+00	1.96E+00	No
FM-1C H-Area Effluent	Cs-137	Maximum	2.86E+00	1.99E+00	No
FM-3 F-Area Effluent	Cs-137	N	12	NA	NA
FM-3 F-Area Effluent	Cs-137	Mean	5.84E-01	6.14E-01	NA
FM-3 F-Area Effluent	Cs-137	Minimum	-2.21E+00	1.96E+00	No
FM-3 F-Area Effluent	Cs-137	Maximum	3.46E+00	2.17E+00	No
H-004	Cs-137	N	12	NA	NA
H-004	Cs-137	Mean	1.03E+00	6.30E-01	NA
H-004	Cs-137	Minimum	-4.70E+00	2.46E+00	No
H-004	Cs-137	Maximum	6.03E+00	2.05E+00	No
H-017 281-8H Retention Basin	Cs-137	N	21	NA	NA
H-017 281-8H Retention Basin	Cs-137	Mean	6.20E+01	1.72E+00	NA
H-017 281-8H Retention Basin	Cs-137	Minimum	2.41E+01	4.37E+00	Yes
H-017 281-8H Retention Basin	Cs-137	Maximum	1.52E+02	1.12E+01	Yes
HP-15 Tritium Facility Outfall	Cs-137	N	12	NA	NA
HP-15 Tritium Facility Outfall	Cs-137	Mean	-5.23E-01	6.31E-01	NA
HP-15 Tritium Facility Outfall	Cs-137	Minimum	-3.11E+00	2.03E+00	No
HP-15 Tritium Facility Outfall	Cs-137	Maximum	3.43E+00	2.13E+00	No
K Canal	Cs-137	N	12	NA	NA
K Canal	Cs-137	Mean	-1.86E-01	6.12E-01	NA
K Canal	Cs-137	Minimum	-2.53E+00	2.05E+00	No
K Canal	Cs-137	Maximum	2.33E+00	2.23E+00	No
L-07	Cs-137	N	12	NA	NA
L-07	Cs-137	Mean	6.40E-01	6.11E-01	NA
L-07	Cs-137	Minimum	-2.89E+00	2.00E+00	No
L-07	Cs-137	Maximum	4.14E+00	1.98E+00	No
S-004	Cs-137	N	12	NA	NA
S-004	Cs-137	Mean	-7.81E-01	6.44E-01	NA
S-004	Cs-137	Minimum	-3.05E+00	2.22E+00	No
S-004	Cs-137	Maximum	5.19E+00	2.37E+00	No
TB-2 Outfall at Road 1A	Cs-137	N	12	NA	NA
TB-2 Outfall at Road 1A	Cs-137	Mean	-2.85E-01	6.35E-01	NA
TB-2 Outfall at Road 1A	Cs-137	Minimum	-4.43E+00	2.21E+00	No
TB-2 Outfall at Road 1A	Cs-137	Maximum	4.95E+00	2.10E+00	No
TB-3 M-Area Effluent at Road D	Cs-137	N	1	NA	NA
TB-3 M-Area Effluent at Road D	Cs-137	Mean	1.40E+00	2.23E+00	NA

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	SummaryStat	SampleCon	SampleStd	Sig
U3R-2A ETF Outfall at Road C	Cs-137	N	36	NA	NA
U3R-2A ETF Outfall at Road C	Cs-137	Mean	1.29E+02	7.28E+00	NA
U3R-2A ETF Outfall at Road C	Cs-137	Minimum	-2.46E+00	2.60E+00	No
U3R-2A ETF Outfall at Road C	Cs-137	Maximum	2.49E+03	2.50E+02	Yes
Z-01 Outfall	Cs-137	N	7	NA	NA
Z-01 Outfall	Cs-137	Mean	1.36E+03	5.01E+01	NA
Z-01 Outfall	Cs-137	Minimum	3.00E+02	3.13E+01	Yes
Z-01 Outfall	Cs-137	Maximum	4.19E+03	2.43E+02	Yes
Miscellaneous					
HP-52 H-Area Tank Farm	Cs-137	N	9	NA	NA
HP-52 H-Area Tank Farm	Cs-137	Mean	2.04E+00	7.44E-01	NA
HP-52 H-Area Tank Farm	Cs-137	Minimum	-3.81E+00	2.16E+00	No
HP-52 H-Area Tank Farm	Cs-137	Maximum	6.46E+00	2.35E+00	No
Onsite					
F-012 281-8F Retention Basin	Sr-89/90	N	12	NA	NA
F-012 281-8F Retention Basin	Sr-89/90	Mean	4.91E+00	3.44E-01	NA
F-012 281-8F Retention Basin	Sr-89/90	Minimum	2.08E+00	1.09E+00	No
F-012 281-8F Retention Basin	Sr-89/90	Maximum	1.08E+01	1.76E+00	Yes
F-013 200-F Cooling Basin	Sr-89/90	N	10	NA	NA
F-013 200-F Cooling Basin	Sr-89/90	Mean	1.24E+00	2.82E-01	NA
F-013 200-F Cooling Basin	Sr-89/90	Minimum	-1.45E+00	5.52E-01	No
F-013 200-F Cooling Basin	Sr-89/90	Maximum	2.65E+00	9.56E-01	Yes
F-05	Sr-89/90	N	10	NA	NA
F-05	Sr-89/90	Mean	4.85E+00	1.67E-01	NA
F-05	Sr-89/90	Minimum	2.46E-01	2.40E-01	No
F-05	Sr-89/90	Maximum	1.42E+01	9.21E-01	Yes
FM-1C H-Area Effluent	Sr-89/90	N	12	NA	NA
FM-1C H-Area Effluent	Sr-89/90	Mean	6.21E-01	6.06E-02	NA
FM-1C H-Area Effluent	Sr-89/90	Minimum	2.73E-01	2.06E-01	No
FM-1C H-Area Effluent	Sr-89/90	Maximum	1.09E+00	2.41E-01	Yes
FM-3 F-Area Effluent	Sr-89/90	N	12	NA	NA
FM-3 F-Area Effluent	Sr-89/90	Mean	2.59E-01	5.25E-02	NA
FM-3 F-Area Effluent	Sr-89/90	Minimum	-1.17E-01	1.67E-01	No
FM-3 F-Area Effluent	Sr-89/90	Maximum	5.97E-01	2.36E-01	No
H-004	Sr-89/90	N	11	NA	NA
H-004	Sr-89/90	Mean	-8.33E-02	2.25E-01	NA
H-004	Sr-89/90	Minimum	-2.21E+00	9.04E-01	No
H-004	Sr-89/90	Maximum	7.49E-01	1.08E+00	No
H-017 281-8H Retention Basin	Sr-89/90	N	21	NA	NA
H-017 281-8H Retention Basin	Sr-89/90	Mean	1.18E+01	4.03E-01	NA
H-017 281-8H Retention Basin	Sr-89/90	Minimum	1.28E+00	6.85E-01	No
H-017 281-8H Retention Basin	Sr-89/90	Maximum	7.41E+01	5.09E+00	Yes
HP-15 Tritium Facility Outfall	Sr-89/90	N	12	NA	NA
HP-15 Tritium Facility Outfall	Sr-89/90	Mean	1.34E-01	4.56E-02	NA
HP-15 Tritium Facility Outfall	Sr-89/90	Minimum	-1.77E-01	9.74E-02	No
HP-15 Tritium Facility Outfall	Sr-89/90	Maximum	5.57E-01	2.09E-01	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	SummaryStat	SampleCon	SampleStd	Sig
K Canal	Sr-89/90	N	12	NA	NA
K Canal	Sr-89/90	Mean	9.63E-02	4.62E-02	NA
K Canal	Sr-89/90	Minimum	-1.19E-01	1.83E-01	No
K Canal	Sr-89/90	Maximum	3.43E-01	1.94E-01	No
L-07	Sr-89/90	N	12	NA	NA
L-07	Sr-89/90	Mean	6.16E-02	4.58E-02	NA
L-07	Sr-89/90	Minimum	-2.30E-01	1.84E-01	No
L-07	Sr-89/90	Maximum	3.86E-01	2.04E-01	No
S-004	Sr-89/90	N	12	NA	NA
S-004	Sr-89/90	Mean	5.17E-01	2.34E-01	NA
S-004	Sr-89/90	Minimum	-8.57E-01	9.28E-01	No
S-004	Sr-89/90	Maximum	1.70E+00	7.42E-01	No
TB-3 M-Area Effluent at Road D	Sr-89/90	N	1	NA	NA
TB-3 M-Area Effluent at Road D	Sr-89/90	Mean	6.73E-01	7.23E-01	NA
U3R-2A ETF Outfall at Road C	Sr-89/90	N	36	NA	NA
U3R-2A ETF Outfall at Road C	Sr-89/90	Mean	2.24E-01	1.08E-01	NA
U3R-2A ETF Outfall at Road C	Sr-89/90	Minimum	-1.21E+00	6.29E-01	No
U3R-2A ETF Outfall at Road C	Sr-89/90	Maximum	1.88E+00	9.32E-01	No
Miscellaneous					
HP-52 H-Area Tank Farm	Sr-89/90	N	9	NA	NA
HP-52 H-Area Tank Farm	Sr-89/90	Mean	3.32E-01	5.98E-02	NA
HP-52 H-Area Tank Farm	Sr-89/90	Minimum	6.54E-02	1.38E-01	No
HP-52 H-Area Tank Farm	Sr-89/90	Maximum	9.41E-01	2.89E-01	Yes
Onsite					
F-012 281-8F Retention Basin	I-129	N	12	NA	NA
F-012 281-8F Retention Basin	I-129	Mean	8.47E-02	8.67E-02	NA
F-012 281-8F Retention Basin	I-129	Minimum	-4.05E-01	3.63E-01	No
F-012 281-8F Retention Basin	I-129	Maximum	5.41E-01	2.51E-01	No
F-013 200-F Cooling Basin	I-129	N	10	NA	NA
F-013 200-F Cooling Basin	I-129	Mean	1.79E-01	9.65E-02	NA
F-013 200-F Cooling Basin	I-129	Minimum	-1.79E-01	2.54E-01	No
F-013 200-F Cooling Basin	I-129	Maximum	1.18E+00	4.05E-01	Yes
F-05	I-129	N	10	NA	NA
F-05	I-129	Mean	1.49E+00	1.05E+00	NA
F-05	I-129	Minimum	-9.76E-01	4.89E+00	No
F-05	I-129	Maximum	8.19E+00	8.20E+00	No
FM-3 F-Area Effluent	I-129	N	12	NA	NA
FM-3 F-Area Effluent	I-129	Mean	3.34E-01	9.87E-02	NA
FM-3 F-Area Effluent	I-129	Minimum	-1.91E-01	2.39E-01	No
FM-3 F-Area Effluent	I-129	Maximum	1.27E+00	5.53E-01	No
H-017 281-8H Retention Basin	I-129	N	21	NA	NA
H-017 281-8H Retention Basin	I-129	Mean	3.90E-01	7.75E-02	NA
H-017 281-8H Retention Basin	I-129	Minimum	-5.70E-01	2.96E-01	No
H-017 281-8H Retention Basin	I-129	Maximum	1.35E+00	5.56E-01	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	SummaryStat	SampleCon	SampleStd	Sig
Onsite					
F-012 281-8F Retention Basin	U-234	N	12	NA	NA
F-012 281-8F Retention Basin	U-234	Mean	2.84E-02	5.24E-03	NA
F-012 281-8F Retention Basin	U-234	Minimum	-2.26E-02	1.15E-02	No
F-012 281-8F Retention Basin	U-234	Maximum	7.16E-02	2.70E-02	Yes
F-013 200-F Cooling Basin	U-234	N	10	NA	NA
F-013 200-F Cooling Basin	U-234	Mean	9.62E-02	9.65E-03	NA
F-013 200-F Cooling Basin	U-234	Minimum	8.14E-03	1.71E-02	No
F-013 200-F Cooling Basin	U-234	Maximum	1.71E-01	4.13E-02	Yes
F-05	U-234	N	10	NA	NA
F-05	U-234	Mean	5.18E-02	3.62E-03	NA
F-05	U-234	Minimum	1.70E-02	5.54E-03	Yes
F-05	U-234	Maximum	8.59E-02	1.97E-02	Yes
FM-1C H-Area Effluent	U-234	N	12	NA	NA
FM-1C H-Area Effluent	U-234	Mean	1.07E-02	1.38E-03	NA
FM-1C H-Area Effluent	U-234	Minimum	3.70E-03	3.01E-03	No
FM-1C H-Area Effluent	U-234	Maximum	2.30E-02	6.84E-03	No
FM-3 F-Area Effluent	U-234	N	12	NA	NA
FM-3 F-Area Effluent	U-234	Mean	1.16E-01	5.05E-03	NA
FM-3 F-Area Effluent	U-234	Minimum	3.78E-02	8.96E-03	Yes
FM-3 F-Area Effluent	U-234	Maximum	3.03E-01	3.17E-02	Yes
H-004	U-234	N	11	NA	NA
H-004	U-234	Mean	1.89E-01	1.30E-02	NA
H-004	U-234	Minimum	7.38E-02	2.62E-02	Yes
H-004	U-234	Maximum	2.97E-01	5.43E-02	Yes
H-017 281-8H Retention Basin	U-234	N	21	NA	NA
H-017 281-8H Retention Basin	U-234	Mean	3.96E-02	4.51E-03	NA
H-017 281-8H Retention Basin	U-234	Minimum	6.03E-03	1.55E-02	No
H-017 281-8H Retention Basin	U-234	Maximum	8.95E-02	2.77E-02	Yes
S-004	U-234	N	12	NA	NA
S-004	U-234	Mean	4.51E-02	6.01E-03	NA
S-004	U-234	Minimum	9.78E-03	1.16E-02	No
S-004	U-234	Maximum	7.76E-02	2.65E-02	Yes
TB-2 Outfall at Road 1A	U-234	N	12	NA	NA
TB-2 Outfall at Road 1A	U-234	Mean	1.20E-01	4.99E-03	NA
TB-2 Outfall at Road 1A	U-234	Minimum	1.96E-02	7.15E-03	Yes
TB-2 Outfall at Road 1A	U-234	Maximum	2.50E-01	2.74E-02	Yes
TB-3 M-Area Effluent at Road D	U-234	N	1	NA	NA
TB-3 M-Area Effluent at Road D	U-234	Mean	4.32E-02	2.09E-02	NA
U3R-2A ETF Outfall at Road C	U-234	N	36	NA	NA
U3R-2A ETF Outfall at Road C	U-234	Mean	1.01E-02	2.31E-01	NA
U3R-2A ETF Outfall at Road C	U-234	Minimum	-7.03E-03	1.06E-02	No
U3R-2A ETF Outfall at Road C	U-234	Maximum	5.41E-02	1.96E-02	Yes

2013 Radioactivity in Liquid Effluent : Units are pCi/L					
Location	Nuclide	SummaryStat	SampleCon	SampleStd	Sig
Miscellaneous					
HP-52 H-Area Tank Farm	U-234	N	9	NA	NA
HP-52 H-Area Tank Farm	U-234	Mean	3.14E-02	2.70E-03	NA
HP-52 H-Area Tank Farm	U-234	Minimum	9.97E-03	5.06E-03	No
HP-52 H-Area Tank Farm	U-234	Maximum	7.57E-02	1.26E-02	Yes
Onsite					
F-012 281-8F Retention Basin	U-235	N	12	NA	NA
F-012 281-8F Retention Basin	U-235	Mean	4.59E-03	8.62E-01	NA
F-012 281-8F Retention Basin	U-235	Minimum	-2.09E-02	1.22E-02	No
F-012 281-8F Retention Basin	U-235	Maximum	3.51E-02	2.24E-02	No
F-013 200-F Cooling Basin	U-235	N	10	NA	NA
F-013 200-F Cooling Basin	U-235	Mean	5.05E-03	1.08E+00	NA
F-013 200-F Cooling Basin	U-235	Minimum	-6.46E-03	6.42E-03	No
F-013 200-F Cooling Basin	U-235	Maximum	1.12E-02	1.14E-02	No
F-05	U-235	N	10	NA	NA
F-05	U-235	Mean	3.54E-03	1.22E-03	NA
F-05	U-235	Minimum	7.11E-04	2.74E-03	No
F-05	U-235	Maximum	6.81E-03	4.47E-03	No
FM-1C H-Area Effluent	U-235	N	12	NA	NA
FM-1C H-Area Effluent	U-235	Mean	1.65E-03	2.28E-01	NA
FM-1C H-Area Effluent	U-235	Minimum	-7.16E-04	1.60E+00	No
FM-1C H-Area Effluent	U-235	Maximum	5.05E-03	4.05E-03	No
FM-3 F-Area Effluent	U-235	N	12	NA	NA
FM-3 F-Area Effluent	U-235	Mean	7.91E-03	1.31E-03	NA
FM-3 F-Area Effluent	U-235	Minimum	-7.97E-04	3.29E-03	No
FM-3 F-Area Effluent	U-235	Maximum	2.42E-02	7.58E-03	Yes
H-004	U-235	N	11	NA	NA
H-004	U-235	Mean	1.47E-02	4.60E-03	NA
H-004	U-235	Minimum	-1.32E-02	9.36E-03	No
H-004	U-235	Maximum	5.03E-02	2.30E-02	Yes
H-017 281-8H Retention Basin	U-235	N	21	NA	NA
H-017 281-8H Retention Basin	U-235	Mean	5.93E-03	6.90E-01	NA
H-017 281-8H Retention Basin	U-235	Minimum	-7.49E-03	7.51E-03	No
H-017 281-8H Retention Basin	U-235	Maximum	3.86E-02	1.96E-02	No
S-004	U-235	N	12	NA	NA
S-004	U-235	Mean	4.66E-03	3.41E-03	NA
S-004	U-235	Minimum	-1.50E-02	1.07E-02	No
S-004	U-235	Maximum	2.06E-02	1.75E-02	No
TB-2 Outfall at Road 1A	U-235	N	12	NA	NA
TB-2 Outfall at Road 1A	U-235	Mean	1.28E-02	1.69E-03	NA
TB-2 Outfall at Road 1A	U-235	Minimum	2.09E-03	7.82E-03	No
TB-2 Outfall at Road 1A	U-235	Maximum	3.41E-02	8.96E-03	Yes
TB-3 M-Area Effluent at Road D	U-235	N	1	NA	NA
TB-3 M-Area Effluent at Road D	U-235	Mean	1.00E-02	1.01E-02	NA

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	SummaryStat	SampleCon	SampleStd	Sig
U3R-2A ETF Outfall at Road C	U-235	N	36	NA	NA
U3R-2A ETF Outfall at Road C	U-235	Mean	4.88E-03	4.02E-01	NA
U3R-2A ETF Outfall at Road C	U-235	Minimum	-1.12E-02	6.46E+00	No
U3R-2A ETF Outfall at Road C	U-235	Maximum	4.14E-02	1.87E-02	Yes

Miscellaneous

HP-52 H-Area Tank Farm	U-235	N	9	NA	NA
HP-52 H-Area Tank Farm	U-235	Mean	2.05E-03	2.62E-01	NA
HP-52 H-Area Tank Farm	U-235	Minimum	0.00E+00	1.78E+00	No
HP-52 H-Area Tank Farm	U-235	Maximum	5.00E-03	4.01E-03	No

Onsite

F-012 281-8F Retention Basin	Np-237	N	12	NA	NA
F-012 281-8F Retention Basin	Np-237	Mean	4.03E-03	6.13E-01	NA
F-012 281-8F Retention Basin	Np-237	Minimum	-9.57E-03	6.80E-03	No
F-012 281-8F Retention Basin	Np-237	Maximum	1.89E-02	1.35E-02	No
F-013 200-F Cooling Basin	Np-237	N	10	NA	NA
F-013 200-F Cooling Basin	Np-237	Mean	7.75E-04	1.44E+00	NA
F-013 200-F Cooling Basin	Np-237	Minimum	-5.54E-03	5.63E-03	No
F-013 200-F Cooling Basin	Np-237	Maximum	1.86E-02	1.33E-02	No
F-05	Np-237	N	10	NA	NA
F-05	Np-237	Mean	9.77E-04	9.61E-04	NA
F-05	Np-237	Minimum	-2.32E-03	1.64E-03	No
F-05	Np-237	Maximum	7.59E-03	6.10E-03	No
FM-1C H-Area Effluent	Np-237	N	12	NA	NA
FM-1C H-Area Effluent	Np-237	Mean	2.95E-03	1.22E-01	NA
FM-1C H-Area Effluent	Np-237	Minimum	-1.20E-03	1.21E-03	No
FM-1C H-Area Effluent	Np-237	Maximum	7.65E-03	3.50E-03	Yes
FM-3 F-Area Effluent	Np-237	N	12	NA	NA
FM-3 F-Area Effluent	Np-237	Mean	3.13E-03	8.74E-04	NA
FM-3 F-Area Effluent	Np-237	Minimum	-5.95E-04	2.45E-03	No
FM-3 F-Area Effluent	Np-237	Maximum	1.24E-02	4.81E-03	Yes
H-017 281-8H Retention Basin	Np-237	N	21	NA	NA
H-017 281-8H Retention Basin	Np-237	Mean	9.38E-03	2.47E-03	NA
H-017 281-8H Retention Basin	Np-237	Minimum	-1.23E-02	8.72E-03	No
H-017 281-8H Retention Basin	Np-237	Maximum	3.41E-02	2.01E-02	No
U3R-2A ETF Outfall at Road C	Np-237	N	36	NA	NA
U3R-2A ETF Outfall at Road C	Np-237	Mean	2.80E-03	4.52E-01	NA
U3R-2A ETF Outfall at Road C	Np-237	Minimum	-1.53E-02	1.18E-02	No
U3R-2A ETF Outfall at Road C	Np-237	Maximum	3.00E-02	1.52E-02	No

Onsite

F-012 281-8F Retention Basin	U-238	N	12	NA	NA
F-012 281-8F Retention Basin	U-238	Mean	1.96E-02	6.53E-01	NA
F-012 281-8F Retention Basin	U-238	Minimum	-8.46E-03	1.29E-02	No
F-012 281-8F Retention Basin	U-238	Maximum	3.73E-02	2.02E-02	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	SummaryStat	SampleCon	SampleStd	Sig
F-013 200-F Cooling Basin	U-238	N	10	NA	NA
F-013 200-F Cooling Basin	U-238	Mean	7.89E-02	8.83E-03	NA
F-013 200-F Cooling Basin	U-238	Minimum	1.08E-02	1.28E-02	No
F-013 200-F Cooling Basin	U-238	Maximum	1.76E-01	4.44E-02	Yes
F-05	U-238	N	10	NA	NA
F-05	U-238	Mean	6.11E-02	3.83E-03	NA
F-05	U-238	Minimum	2.54E-02	6.92E-03	Yes
F-05	U-238	Maximum	9.81E-02	1.50E-02	Yes
FM-1C H-Area Effluent	U-238	N	12	NA	NA
FM-1C H-Area Effluent	U-238	Mean	1.09E-02	1.39E-03	NA
FM-1C H-Area Effluent	U-238	Minimum	5.73E-04	2.15E-03	No
FM-1C H-Area Effluent	U-238	Maximum	3.08E-02	8.20E-03	Yes
FM-3 F-Area Effluent	U-238	N	12	NA	NA
FM-3 F-Area Effluent	U-238	Mean	1.09E-01	4.80E-03	NA
FM-3 F-Area Effluent	U-238	Minimum	3.73E-02	8.06E-03	Yes
FM-3 F-Area Effluent	U-238	Maximum	2.76E-01	2.92E-02	Yes
H-004	U-238	N	11	NA	NA
H-004	U-238	Mean	3.03E-02	5.56E-03	NA
H-004	U-238	Minimum	2.54E-03	9.21E-03	No
H-004	U-238	Maximum	7.49E-02	2.55E-02	Yes
H-017 281-8H Retention Basin	U-238	N	21	NA	NA
H-017 281-8H Retention Basin	U-238	Mean	2.52E-02	3.74E-03	NA
H-017 281-8H Retention Basin	U-238	Minimum	3.16E-03	1.15E-02	No
H-017 281-8H Retention Basin	U-238	Maximum	8.59E-02	3.02E-02	Yes
S-004	U-238	N	12	NA	NA
S-004	U-238	Mean	6.56E-02	7.25E-03	NA
S-004	U-238	Minimum	1.79E-02	1.28E-02	No
S-004	U-238	Maximum	1.29E-01	3.79E-02	Yes
TB-2 Outfall at Road 1A	U-238	N	12	NA	NA
TB-2 Outfall at Road 1A	U-238	Mean	5.41E-02	3.06E-03	NA
TB-2 Outfall at Road 1A	U-238	Minimum	-3.32E-05	2.04E-03	No
TB-2 Outfall at Road 1A	U-238	Maximum	1.32E-01	1.77E-02	Yes
TB-3 M-Area Effluent at Road D	U-238	N	1	NA	NA
TB-3 M-Area Effluent at Road D	U-238	Mean	-1.79E-05	2.25E-04	NA
U3R-2A ETF Outfall at Road C	U-238	N	36	NA	NA
U3R-2A ETF Outfall at Road C	U-238	Mean	8.82E-03	3.25E-01	NA
U3R-2A ETF Outfall at Road C	U-238	Minimum	-8.24E-03	5.91E+00	No
U3R-2A ETF Outfall at Road C	U-238	Maximum	3.89E-02	1.62E-02	Yes
Miscellaneous					
HP-52 H-Area Tank Farm	U-238	N	9	NA	NA
HP-52 H-Area Tank Farm	U-238	Mean	2.69E-02	2.49E-03	NA
HP-52 H-Area Tank Farm	U-238	Minimum	2.92E-03	3.49E-03	No
HP-52 H-Area Tank Farm	U-238	Maximum	5.38E-02	1.02E-02	Yes

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	SummaryStat	SampleCon	SampleStd	Sig
Onsite					
F-012 281-8F Retention Basin	Pu-238	N	12	NA	NA
F-012 281-8F Retention Basin	Pu-238	Mean	1.76E-02	6.04E-01	NA
F-012 281-8F Retention Basin	Pu-238	Minimum	-5.46E-03	5.49E-03	No
F-012 281-8F Retention Basin	Pu-238	Maximum	7.22E-02	2.70E-02	Yes
F-013 200-F Cooling Basin	Pu-238	N	10	NA	NA
F-013 200-F Cooling Basin	Pu-238	Mean	1.93E-02	4.50E-03	NA
F-013 200-F Cooling Basin	Pu-238	Minimum	-1.81E-04	3.03E-03	No
F-013 200-F Cooling Basin	Pu-238	Maximum	4.35E-02	1.97E-02	Yes
F-05	Pu-238	N	10	NA	NA
F-05	Pu-238	Mean	1.02E-02	1.69E-01	NA
F-05	Pu-238	Minimum	2.51E-03	1.69E+00	No
F-05	Pu-238	Maximum	1.72E-02	5.77E-03	Yes
FM-1C H-Area Effluent	Pu-238	N	12	NA	NA
FM-1C H-Area Effluent	Pu-238	Mean	2.58E-01	1.30E-02	NA
FM-1C H-Area Effluent	Pu-238	Minimum	7.08E-02	1.29E-02	Yes
FM-1C H-Area Effluent	Pu-238	Maximum	1.51E+00	1.40E-01	Yes
FM-3 F-Area Effluent	Pu-238	N	12	NA	NA
FM-3 F-Area Effluent	Pu-238	Mean	7.67E-03	1.23E-03	NA
FM-3 F-Area Effluent	Pu-238	Minimum	3.51E-03	2.49E-03	No
FM-3 F-Area Effluent	Pu-238	Maximum	1.49E-02	5.25E-03	Yes
H-004	Pu-238	N	11	NA	NA
H-004	Pu-238	Mean	2.86E-02	8.11E-01	NA
H-004	Pu-238	Minimum	0.00E+00	8.92E+00	No
H-004	Pu-238	Maximum	1.18E-01	3.39E-02	Yes
H-017 281-8H Retention Basin	Pu-238	N	21	NA	NA
H-017 281-8H Retention Basin	Pu-238	Mean	1.68E+00	5.66E-02	NA
H-017 281-8H Retention Basin	Pu-238	Minimum	1.45E-01	3.72E-02	Yes
H-017 281-8H Retention Basin	Pu-238	Maximum	7.14E+00	6.70E-01	Yes
S-004	Pu-238	N	12	NA	NA
S-004	Pu-238	Mean	3.73E-02	6.05E-03	NA
S-004	Pu-238	Minimum	-6.95E-03	6.96E-03	No
S-004	Pu-238	Maximum	1.76E-01	4.86E-02	Yes
TB-2 Outfall at Road 1A	Pu-238	N	12	NA	NA
TB-2 Outfall at Road 1A	Pu-238	Mean	8.01E-03	1.22E-03	NA
TB-2 Outfall at Road 1A	Pu-238	Minimum	-1.26E-03	1.26E-03	No
TB-2 Outfall at Road 1A	Pu-238	Maximum	1.61E-02	6.04E-03	Yes
TB-3 M-Area Effluent at Road D	Pu-238	N	1	NA	NA
TB-3 M-Area Effluent at Road D	Pu-238	Mean	0.00E+00	8.10E+00	NA
U3R-2A ETF Outfall at Road C	Pu-238	N	36	NA	NA
U3R-2A ETF Outfall at Road C	Pu-238	Mean	1.35E-02	2.90E-01	NA
U3R-2A ETF Outfall at Road C	Pu-238	Minimum	-4.86E-03	4.94E-03	No
U3R-2A ETF Outfall at Road C	Pu-238	Maximum	4.46E-02	2.02E-02	Yes

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	SummaryStat	SampleCon	SampleStd	Sig
Miscellaneous					
HP-52 H-Area Tank Farm	Pu-238	N	9	NA	NA
HP-52 H-Area Tank Farm	Pu-238	Mean	1.63E-02	1.83E-03	NA
HP-52 H-Area Tank Farm	Pu-238	Minimum	3.43E-03	2.44E-03	No
HP-52 H-Area Tank Farm	Pu-238	Maximum	5.57E-02	1.06E-02	Yes
Onsite					
F-012 281-8F Retention Basin	Pu-239	N	12	NA	NA
F-012 281-8F Retention Basin	Pu-239	Mean	9.61E-03	3.26E-03	NA
F-012 281-8F Retention Basin	Pu-239	Minimum	-6.27E-03	6.25E-03	No
F-012 281-8F Retention Basin	Pu-239	Maximum	2.78E-02	1.66E-02	No
F-013 200-F Cooling Basin	Pu-239	N	10	NA	NA
F-013 200-F Cooling Basin	Pu-239	Mean	6.34E-02	8.63E-03	NA
F-013 200-F Cooling Basin	Pu-239	Minimum	-5.32E-03	5.32E-03	No
F-013 200-F Cooling Basin	Pu-239	Maximum	2.86E-01	5.79E-02	Yes
F-05	Pu-239	N	10	NA	NA
F-05	Pu-239	Mean	1.14E-02	1.78E-03	NA
F-05	Pu-239	Minimum	3.73E-03	2.85E-03	No
F-05	Pu-239	Maximum	2.28E-02	1.00E-02	Yes
FM-1C H-Area Effluent	Pu-239	N	12	NA	NA
FM-1C H-Area Effluent	Pu-239	Mean	2.14E-02	2.08E-03	NA
FM-1C H-Area Effluent	Pu-239	Minimum	3.70E-03	2.99E-03	No
FM-1C H-Area Effluent	Pu-239	Maximum	1.42E-01	1.99E-02	Yes
FM-3 F-Area Effluent	Pu-239	N	12	NA	NA
FM-3 F-Area Effluent	Pu-239	Mean	6.59E-03	1.12E-03	NA
FM-3 F-Area Effluent	Pu-239	Minimum	1.02E-03	2.62E-03	No
FM-3 F-Area Effluent	Pu-239	Maximum	1.86E-02	6.07E-03	Yes
H-004	Pu-239	N	11	NA	NA
H-004	Pu-239	Mean	4.16E-03	1.38E+00	NA
H-004	Pu-239	Minimum	-3.27E-03	1.35E-02	No
H-004	Pu-239	Maximum	2.58E-02	1.51E-02	No
H-017 281-8H Retention Basin	Pu-239	N	21	NA	NA
H-017 281-8H Retention Basin	Pu-239	Mean	1.43E-01	9.15E-03	NA
H-017 281-8H Retention Basin	Pu-239	Minimum	1.55E-02	1.12E-02	No
H-017 281-8H Retention Basin	Pu-239	Maximum	6.27E-01	9.00E-02	Yes
S-004	Pu-239	N	12	NA	NA
S-004	Pu-239	Mean	2.19E-03	1.52E+00	NA
S-004	Pu-239	Minimum	-6.92E-03	6.95E-03	No
S-004	Pu-239	Maximum	2.67E-02	2.13E-02	No
TB-2 Outfall at Road 1A	Pu-239	N	12	NA	NA
TB-2 Outfall at Road 1A	Pu-239	Mean	1.58E-03	3.24E-01	NA
TB-2 Outfall at Road 1A	Pu-239	Minimum	-2.04E-05	1.42E-03	No
TB-2 Outfall at Road 1A	Pu-239	Maximum	1.06E-02	4.51E-03	Yes
TB-3 M-Area Effluent at Road D	Pu-239	N	1	NA	NA
TB-3 M-Area Effluent at Road D	Pu-239	Mean	0.00E+00	8.09E+00	NA

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	SummaryStat	SampleCon	SampleStd	Sig
U3R-2A ETF Outfall at Road C	Pu-239	N	36	NA	NA
U3R-2A ETF Outfall at Road C	Pu-239	Mean	6.62E-03	1.82E-01	NA
U3R-2A ETF Outfall at Road C	Pu-239	Minimum	-4.89E-03	4.92E-03	No
U3R-2A ETF Outfall at Road C	Pu-239	Maximum	3.84E-02	1.64E-02	Yes

Miscellaneous

HP-52 H-Area Tank Farm	Pu-239	N	9	NA	NA
HP-52 H-Area Tank Farm	Pu-239	Mean	2.94E-03	2.49E-01	NA
HP-52 H-Area Tank Farm	Pu-239	Minimum	-5.89E-04	2.44E-03	No
HP-52 H-Area Tank Farm	Pu-239	Maximum	7.03E-03	3.83E-03	No

Onsite

F-012 281-8F Retention Basin	Am-241	N	12	NA	NA
F-012 281-8F Retention Basin	Am-241	Mean	2.44E-03	1.08E+00	NA
F-012 281-8F Retention Basin	Am-241	Minimum	-1.16E-02	8.19E-03	No
F-012 281-8F Retention Basin	Am-241	Maximum	8.43E-03	8.44E-03	No
F-013 200-F Cooling Basin	Am-241	N	10	NA	NA
F-013 200-F Cooling Basin	Am-241	Mean	2.85E-02	1.27E+00	NA
F-013 200-F Cooling Basin	Am-241	Minimum	0.00E+00	7.49E+00	No
F-013 200-F Cooling Basin	Am-241	Maximum	8.86E-02	2.76E-02	Yes
F-05	Am-241	N	10	NA	NA
F-05	Am-241	Mean	1.76E-02	1.55E-01	NA
F-05	Am-241	Minimum	0.00E+00	1.55E+00	No
F-05	Am-241	Maximum	3.41E-02	8.33E-03	Yes
FM-1C H-Area Effluent	Am-241	N	12	NA	NA
FM-1C H-Area Effluent	Am-241	Mean	2.64E-02	2.28E-03	NA
FM-1C H-Area Effluent	Am-241	Minimum	1.94E-03	1.98E-03	No
FM-1C H-Area Effluent	Am-241	Maximum	2.04E-01	2.34E-02	Yes
FM-3 F-Area Effluent	Am-241	N	12	NA	NA
FM-3 F-Area Effluent	Am-241	Mean	5.00E-03	1.21E-01	NA
FM-3 F-Area Effluent	Am-241	Minimum	-1.16E-03	1.17E-03	No
FM-3 F-Area Effluent	Am-241	Maximum	1.47E-02	5.05E-03	Yes
H-017 281-8H Retention Basin	Am-241	N	21	NA	NA
H-017 281-8H Retention Basin	Am-241	Mean	9.20E-02	6.51E-03	NA
H-017 281-8H Retention Basin	Am-241	Minimum	1.04E-02	1.22E-02	No
H-017 281-8H Retention Basin	Am-241	Maximum	4.00E-01	6.46E-02	Yes
TB-3 M-Area Effluent at Road D	Am-241	N	1	NA	NA
TB-3 M-Area Effluent at Road D	Am-241	Mean	2.42E-02	1.41E-02	NA
U3R-2A ETF Outfall at Road C	Am-241	N	36	NA	NA
U3R-2A ETF Outfall at Road C	Am-241	Mean	2.46E-03	5.31E-01	NA
U3R-2A ETF Outfall at Road C	Am-241	Minimum	-8.62E-03	6.13E-03	No
U3R-2A ETF Outfall at Road C	Am-241	Maximum	1.36E-02	9.67E-03	No

Miscellaneous

HP-52 H-Area Tank Farm	Am-241	N	9	NA	NA
HP-52 H-Area Tank Farm	Am-241	Mean	7.65E-03	1.30E-03	NA
HP-52 H-Area Tank Farm	Am-241	Minimum	1.65E-03	1.72E-03	No
HP-52 H-Area Tank Farm	Am-241	Maximum	1.73E-02	5.85E-03	No

Sum Onsite

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	SummaryStat	SampleCon	SampleStd	Sig
F-012 281-8F Retention Basin	Cm-244	N	12	NA	NA
F-012 281-8F Retention Basin	Cm-244	Mean	5.92E-03	1.49E+00	NA
F-012 281-8F Retention Basin	Cm-244	Minimum	-5.57E-03	5.57E-03	No
F-012 281-8F Retention Basin	Cm-244	Maximum	2.55E-02	1.49E-02	No
F-013 200-F Cooling Basin	Cm-244	N	10	NA	NA
F-013 200-F Cooling Basin	Cm-244	Mean	3.40E-02	7.22E-01	NA
F-013 200-F Cooling Basin	Cm-244	Minimum	-5.43E-03	5.45E-03	No
F-013 200-F Cooling Basin	Cm-244	Maximum	1.31E-01	3.39E-02	Yes
F-05	Cm-244	N	10	NA	NA
F-05	Cm-244	Mean	3.72E-03	1.56E-01	NA
F-05	Cm-244	Minimum	-1.11E-03	1.56E+00	No
F-05	Cm-244	Maximum	1.05E-02	4.34E-03	Yes
FM-1C H-Area Effluent	Cm-244	N	12	NA	NA
FM-1C H-Area Effluent	Cm-244	Mean	1.30E-02	1.47E-03	NA
FM-1C H-Area Effluent	Cm-244	Minimum	5.19E-04	1.87E-03	No
FM-1C H-Area Effluent	Cm-244	Maximum	8.86E-02	1.36E-02	Yes
FM-3 F-Area Effluent	Cm-244	N	12	NA	NA
FM-3 F-Area Effluent	Cm-244	Mean	5.49E-03	1.31E-01	NA
FM-3 F-Area Effluent	Cm-244	Minimum	-1.20E-03	1.29E-03	No
FM-3 F-Area Effluent	Cm-244	Maximum	1.69E-02	5.48E-03	Yes
H-017 281-8H Retention Basin	Cm-244	N	21	NA	NA
H-017 281-8H Retention Basin	Cm-244	Mean	1.50E-02	3.30E-01	NA
H-017 281-8H Retention Basin	Cm-244	Minimum	-5.14E-03	5.14E-03	No
H-017 281-8H Retention Basin	Cm-244	Maximum	4.24E-02	1.92E-02	Yes
TB-3 M-Area Effluent at Road D	Cm-244	N	1	NA	NA
TB-3 M-Area Effluent at Road D	Cm-244	Mean	7.97E-03	8.00E-03	NA
U3R-2A ETF Outfall at Road C	Cm-244	N	36	NA	NA
U3R-2A ETF Outfall at Road C	Cm-244	Mean	1.75E-03	5.53E-01	NA
U3R-2A ETF Outfall at Road C	Cm-244	Minimum	-8.97E-03	6.37E-03	No
U3R-2A ETF Outfall at Road C	Cm-244	Maximum	2.00E-02	1.16E-02	No
Miscellaneous					
HP-52 H-Area Tank Farm	Cm-244	N	9	NA	NA
HP-52 H-Area Tank Farm	Cm-244	Mean	6.99E-04	3.69E-01	NA
HP-52 H-Area Tank Farm	Cm-244	Minimum	-1.03E-03	1.03E-03	No
HP-52 H-Area Tank Farm	Cm-244	Maximum	3.41E-03	2.42E-03	No
Onsite					
F-012 281-8F Retention Basin	Tc-99	N	12	NA	NA
F-012 281-8F Retention Basin	Tc-99	Mean	1.40E+00	2.21E-01	NA
F-012 281-8F Retention Basin	Tc-99	Minimum	2.76E-01	7.51E-01	No
F-012 281-8F Retention Basin	Tc-99	Maximum	2.32E+00	7.87E-01	Yes
F-013 200-F Cooling Basin	Tc-99	N	10	NA	NA
F-013 200-F Cooling Basin	Tc-99	Mean	9.64E-01	2.40E-01	NA
F-013 200-F Cooling Basin	Tc-99	Minimum	-3.35E-01	7.51E-01	No
F-013 200-F Cooling Basin	Tc-99	Maximum	2.68E+00	7.34E-01	Yes

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	SummaryStat	SampleCon	SampleStd	Sig
F-05	Tc-99	N	10	NA	NA
F-05	Tc-99	Mean	2.12E+00	3.77E-01	NA
F-05	Tc-99	Minimum	3.70E-01	7.68E-01	No
F-05	Tc-99	Maximum	6.14E+00	2.82E+00	No
FM-3 F-Area Effluent	Tc-99	N	12	NA	NA
FM-3 F-Area Effluent	Tc-99	Mean	1.61E+00	2.62E-01	NA
FM-3 F-Area Effluent	Tc-99	Minimum	2.78E-01	8.13E-01	No
FM-3 F-Area Effluent	Tc-99	Maximum	3.84E+00	9.28E-01	Yes
H-017 281-8H Retention Basin	Tc-99	N	21	NA	NA
H-017 281-8H Retention Basin	Tc-99	Mean	1.97E+00	1.75E-01	NA
H-017 281-8H Retention Basin	Tc-99	Minimum	-1.80E-01	7.44E-01	No
H-017 281-8H Retention Basin	Tc-99	Maximum	6.00E+00	8.04E-01	Yes
Z-01 Outfall	Tc-99	N	4	NA	NA
Z-01 Outfall	Tc-99	Mean	1.96E+01	5.82E-01	NA
Z-01 Outfall	Tc-99	Minimum	4.65E+00	8.22E-01	Yes
Z-01 Outfall	Tc-99	Maximum	3.27E+01	1.40E+00	Yes

Onsite

F-012 281-8F Retention Basin	Gross B	N	12	NA	NA
F-012 281-8F Retention Basin	Gross B	Mean	1.73E+01	6.85E-01	NA
F-012 281-8F Retention Basin	Gross B	Minimum	1.13E+01	2.06E+00	Yes
F-012 281-8F Retention Basin	Gross B	Maximum	2.22E+01	2.70E+00	Yes
F-013 200-F Cooling Basin	Gross B	N	10	NA	NA
F-013 200-F Cooling Basin	Gross B	Mean	5.04E+00	5.01E-01	NA
F-013 200-F Cooling Basin	Gross B	Minimum	2.26E+00	1.02E+00	No
F-013 200-F Cooling Basin	Gross B	Maximum	9.49E+00	1.93E+00	Yes
F-05	Gross B	N	10	NA	NA
F-05	Gross B	Mean	1.46E+01	4.24E-01	NA
F-05	Gross B	Minimum	2.81E+00	7.24E-01	Yes
F-05	Gross B	Maximum	4.08E+01	2.13E+00	Yes
FM-1C H-Area Effluent	Gross B	N	12	NA	NA
FM-1C H-Area Effluent	Gross B	Mean	4.11E+00	2.36E-01	NA
FM-1C H-Area Effluent	Gross B	Minimum	2.50E+00	7.11E-01	Yes
FM-1C H-Area Effluent	Gross B	Maximum	8.59E+00	1.11E+00	Yes
FM-3 F-Area Effluent	Gross B	N	12	NA	NA
FM-3 F-Area Effluent	Gross B	Mean	2.70E+00	1.97E-01	NA
FM-3 F-Area Effluent	Gross B	Minimum	8.73E-02	5.45E-01	No
FM-3 F-Area Effluent	Gross B	Maximum	4.41E+00	8.48E-01	Yes
H-004	Gross B	N	12	NA	NA
H-004	Gross B	Mean	1.39E+00	3.08E-01	NA
H-004	Gross B	Minimum	-5.86E-01	9.48E-01	No
H-004	Gross B	Maximum	3.62E+00	1.26E+00	Yes
H-017 281-8H Retention Basin	Gross B	N	21	NA	NA
H-017 281-8H Retention Basin	Gross B	Mean	5.90E+01	8.60E-01	NA
H-017 281-8H Retention Basin	Gross B	Minimum	2.29E+01	2.77E+00	Yes
H-017 281-8H Retention Basin	Gross B	Maximum	2.13E+02	7.45E+00	Yes

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	SummaryStat	SampleCon	SampleStd	Sig
HP-15 Tritium Facility Outfall	Gross B	N	12	NA	NA
HP-15 Tritium Facility Outfall	Gross B	Mean	1.64E+00	1.79E-01	NA
HP-15 Tritium Facility Outfall	Gross B	Minimum	-3.59E-01	4.48E-01	No
HP-15 Tritium Facility Outfall	Gross B	Maximum	4.14E+00	8.06E-01	Yes
K Canal	Gross B	N	12	NA	NA
K Canal	Gross B	Mean	2.44E+00	1.93E-01	NA
K Canal	Gross B	Minimum	1.37E+00	5.74E-01	No
K Canal	Gross B	Maximum	4.14E+00	7.98E-01	Yes
L-07	Gross B	N	12	NA	NA
L-07	Gross B	Mean	1.97E+00	1.13E-01	NA
L-07	Gross B	Minimum	1.34E+00	3.46E-01	Yes
L-07	Gross B	Maximum	2.61E+00	4.48E-01	Yes
S-004	Gross B	N	12	NA	NA
S-004	Gross B	Mean	1.54E+01	6.44E-01	NA
S-004	Gross B	Minimum	5.84E+00	1.23E+00	Yes
S-004	Gross B	Maximum	2.81E+01	2.52E+00	Yes
TB-2 Outfall at Road 1A	Gross B	N	12	NA	NA
TB-2 Outfall at Road 1A	Gross B	Mean	1.37E+00	1.04E-01	NA
TB-2 Outfall at Road 1A	Gross B	Minimum	4.35E-01	2.74E-01	No
TB-2 Outfall at Road 1A	Gross B	Maximum	3.27E+00	3.57E-01	Yes
TB-3 M-Area Effluent at Road D	Gross B	N	1	NA	NA
TB-3 M-Area Effluent at Road D	Gross B	Mean	1.13E-01	1.00E+00	NA
U3R-2A ETF Outfall at Road C	Gross B	N	36	NA	NA
U3R-2A ETF Outfall at Road C	Gross B	Mean	3.73E+01	4.37E-01	NA
U3R-2A ETF Outfall at Road C	Gross B	Minimum	1.08E-01	8.72E-01	No
U3R-2A ETF Outfall at Road C	Gross B	Maximum	5.81E+02	8.04E+00	Yes
Z-01 Outfall	Gross B	N	7	NA	NA
Z-01 Outfall	Gross B	Mean	8.11E+02	4.00E+00	NA
Z-01 Outfall	Gross B	Minimum	1.43E+02	3.94E+00	Yes
Z-01 Outfall	Gross B	Maximum	2.46E+03	1.78E+01	Yes
Miscellaneous					
HP-52 H-Area Tank Farm	Gross B	N	9	NA	NA
HP-52 H-Area Tank Farm	Gross B	Mean	6.38E+00	1.93E-01	NA
HP-52 H-Area Tank Farm	Gross B	Minimum	5.00E+00	5.83E-01	Yes
HP-52 H-Area Tank Farm	Gross B	Maximum	8.46E+00	5.14E-01	Yes
Onsite					
F-012 281-8F Retention Basin	Gross A	N	12	NA	NA
F-012 281-8F Retention Basin	Gross A	Mean	8.25E-01	2.15E-01	NA
F-012 281-8F Retention Basin	Gross A	Minimum	-2.95E-01	1.35E-01	No
F-012 281-8F Retention Basin	Gross A	Maximum	2.76E+00	1.21E+00	Yes
F-013 200-F Cooling Basin	Gross A	N	10	NA	NA
F-013 200-F Cooling Basin	Gross A	Mean	9.06E-01	2.46E-01	NA
F-013 200-F Cooling Basin	Gross A	Minimum	-3.05E-01	1.41E-01	No
F-013 200-F Cooling Basin	Gross A	Maximum	3.11E+00	1.30E+00	Yes

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	SummaryStat	SampleCon	SampleStd	Sig
F-05	Gross A	N	10	NA	NA
F-05	Gross A	Mean	6.48E-01	1.37E-01	NA
F-05	Gross A	Minimum	-1.22E-01	5.57E-02	No
F-05	Gross A	Maximum	1.32E+00	5.32E-01	Yes
FM-1C H-Area Effluent	Gross A	N	12	NA	NA
FM-1C H-Area Effluent	Gross A	Mean	2.28E+00	1.99E-01	NA
FM-1C H-Area Effluent	Gross A	Minimum	1.00E+00	5.04E-01	No
FM-1C H-Area Effluent	Gross A	Maximum	4.68E+00	1.00E+00	Yes
FM-3 F-Area Effluent	Gross A	N	12	NA	NA
FM-3 F-Area Effluent	Gross A	Mean	1.83E+00	1.77E-01	NA
FM-3 F-Area Effluent	Gross A	Minimum	-7.03E-03	2.37E-01	No
FM-3 F-Area Effluent	Gross A	Maximum	5.38E+00	1.10E+00	Yes
H-004	Gross A	N	12	NA	NA
H-004	Gross A	Mean	1.01E+00	2.09E-01	NA
H-004	Gross A	Minimum	-4.19E-01	1.53E-01	No
H-004	Gross A	Maximum	2.53E+00	1.06E+00	Yes
H-017 281-8H Retention Basin	Gross A	N	21	NA	NA
H-017 281-8H Retention Basin	Gross A	Mean	2.79E+00	2.64E-01	NA
H-017 281-8H Retention Basin	Gross A	Minimum	7.05E-02	5.11E-01	No
H-017 281-8H Retention Basin	Gross A	Maximum	1.58E+01	2.80E+00	Yes
HP-15 Tritium Facility Outfall	Gross A	N	12	NA	NA
HP-15 Tritium Facility Outfall	Gross A	Mean	3.06E-01	9.54E-02	NA
HP-15 Tritium Facility Outfall	Gross A	Minimum	-1.94E-02	2.58E-01	No
HP-15 Tritium Facility Outfall	Gross A	Maximum	9.49E-01	4.89E-01	No
K Canal	Gross A	N	12	NA	NA
K Canal	Gross A	Mean	-6.43E-03	5.62E-02	NA
K Canal	Gross A	Minimum	-2.26E-01	9.32E-02	No
K Canal	Gross A	Maximum	2.57E-01	3.16E-01	No
L-07	Gross A	N	12	NA	NA
L-07	Gross A	Mean	2.59E-01	5.98E-02	NA
L-07	Gross A	Minimum	-8.62E-02	3.60E-02	No
L-07	Gross A	Maximum	6.41E-01	3.11E-01	No
S-004	Gross A	N	12	NA	NA
S-004	Gross A	Mean	2.58E+00	4.05E-01	NA
S-004	Gross A	Minimum	1.56E+00	9.28E-01	No
S-004	Gross A	Maximum	5.70E+00	2.76E+00	No
TB-2 Outfall at Road 1A	Gross A	N	12	NA	NA
TB-2 Outfall at Road 1A	Gross A	Mean	1.19E+00	1.02E-01	NA
TB-2 Outfall at Road 1A	Gross A	Minimum	3.76E-01	2.05E-01	No
TB-2 Outfall at Road 1A	Gross A	Maximum	2.25E+00	3.45E-01	Yes
TB-3 M-Area Effluent at Road D	Gross A	N	1	NA	NA
TB-3 M-Area Effluent at Road D	Gross A	Mean	1.42E+00	8.12E-01	NA
U3R-2A ETF Outfall at Road C	Gross A	N	36	NA	NA
U3R-2A ETF Outfall at Road C	Gross A	Mean	2.26E-02	6.58E-02	NA
U3R-2A ETF Outfall at Road C	Gross A	Minimum	-4.03E-01	1.47E-01	No
U3R-2A ETF Outfall at Road C	Gross A	Maximum	7.95E-01	6.61E-01	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	SummaryStat	SampleCon	SampleStd	Sig
Z-01 Outfall	Gross A	N	7	NA	NA
Z-01 Outfall	Gross A	Mean	1.16E+01	5.94E-01	NA
Z-01 Outfall	Gross A	Minimum	-4.59E-01	3.84E-01	No
Z-01 Outfall	Gross A	Maximum	7.92E+01	4.05E+00	Yes
Miscellaneous					
HP-52 H-Area Tank Farm	Gross A	N	9	NA	NA
HP-52 H-Area Tank Farm	Gross A	Mean	1.91E+00	1.51E-01	NA
HP-52 H-Area Tank Farm	Gross A	Minimum	7.30E-01	1.99E-01	Yes
HP-52 H-Area Tank Farm	Gross A	Maximum	3.22E+00	6.56E-01	Yes

NOTE: "Sig" is significance, with "Yes" meaning detectable and "No" meaning less than the analytical method detection limit. If the uncertainty (standard deviation) is large, the significance may also be set to "No".

Data Table 4–2, 2013 Radioactivity in Liquid Effluent Samples

Data Section

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
Onsite					
F-012 281-8F Retention Basin	H-3	17-Feb-13	8.46E+02	1.85E+02	Yes
F-012 281-8F Retention Basin	H-3	1-Mar-13	8.84E+02	1.77E+02	Yes
F-012 281-8F Retention Basin	H-3	28-Mar-13	5.81E+02	1.74E+02	Yes
F-012 281-8F Retention Basin	H-3	5-May-13	1.20E+03	1.65E+02	Yes
F-012 281-8F Retention Basin	H-3	16-Jun-13	1.03E+03	1.61E+02	Yes
F-012 281-8F Retention Basin	H-3	26-Jun-13	1.06E+03	1.61E+02	Yes
F-012 281-8F Retention Basin	H-3	13-Jul-13	4.49E+02	1.46E+02	Yes
F-012 281-8F Retention Basin	H-3	29-Jul-13	2.34E+03	2.01E+02	Yes
F-012 281-8F Retention Basin	H-3	7-Aug-13	2.35E+03	2.01E+02	Yes
F-012 281-8F Retention Basin	H-3	23-Aug-13	1.67E+03	1.66E+02	Yes
F-012 281-8F Retention Basin	H-3	13-Dec-13	2.02E+03	1.93E+02	Yes
F-012 281-8F Retention Basin	H-3	1-Jan-14	2.20E+03	1.75E+02	Yes
F-013 200-F Cooling Basin	H-3	5-Mar-13	9.43E+02	1.78E+02	Yes
F-013 200-F Cooling Basin	H-3	9-May-13	9.51E+02	1.53E+02	Yes
F-013 200-F Cooling Basin	H-3	12-Jun-13	7.43E+02	1.54E+02	Yes
F-013 200-F Cooling Basin	H-3	29-Jul-13	3.57E+03	2.25E+02	Yes
F-013 200-F Cooling Basin	H-3	7-Aug-13	2.31E+03	1.83E+02	Yes
F-013 200-F Cooling Basin	H-3	22-Aug-13	2.31E+03	1.80E+02	Yes
F-013 200-F Cooling Basin	H-3	3-Sep-13	2.27E+03	1.73E+02	Yes
F-013 200-F Cooling Basin	H-3	9-Sep-13	1.62E+03	1.54E+02	Yes
F-013 200-F Cooling Basin	H-3	21-Oct-13	2.08E+03	1.74E+02	Yes
F-013 200-F Cooling Basin	H-3	17-Dec-13	1.27E+03	1.58E+02	Yes
F-05	H-3	4-Feb-13	2.28E+02	1.39E+02	No
F-05	H-3	4-Mar-13	1.39E+02	1.61E+02	No
F-05	H-3	1-Apr-13	6.95E+02	1.74E+02	Yes
F-05	H-3	6-May-13	1.01E+03	1.53E+02	Yes
F-05	H-3	3-Jun-13	6.14E+02	1.70E+02	Yes
F-05	H-3	1-Jul-13	2.41E+02	1.68E+02	No
F-05	H-3	5-Aug-13	2.00E+03	1.94E+02	Yes
F-05	H-3	3-Sep-13	7.97E+02	1.39E+02	Yes
F-05	H-3	2-Dec-13	-6.95E+00	1.22E+02	No
F-05	H-3	6-Jan-14	3.14E+02	1.27E+02	No
FM-1C H-Area Effluent	H-3	4-Feb-13	7.41E+02	1.49E+02	Yes
FM-1C H-Area Effluent	H-3	4-Mar-13	1.94E+03	2.02E+02	Yes
FM-1C H-Area Effluent	H-3	1-Apr-13	8.54E+02	1.80E+02	Yes
FM-1C H-Area Effluent	H-3	6-May-13	1.49E+03	1.65E+02	Yes
FM-1C H-Area Effluent	H-3	3-Jun-13	1.47E+03	1.90E+02	Yes
FM-1C H-Area Effluent	H-3	1-Jul-13	2.61E+03	2.27E+02	Yes
FM-1C H-Area Effluent	H-3	5-Aug-13	1.89E+04	2.17E+02	Yes
FM-1C H-Area Effluent	H-3	3-Sep-13	3.30E+03	1.98E+02	Yes
FM-1C H-Area Effluent	H-3	7-Oct-13	5.27E+03	2.35E+02	Yes
FM-1C H-Area Effluent	H-3	4-Nov-13	1.67E+03	1.77E+02	Yes
FM-1C H-Area Effluent	H-3	2-Dec-13	1.45E+03	1.65E+02	Yes

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
FM-1C H-Area Effluent	H-3	6-Jan-14	9.19E+02	1.46E+02	Yes
FM-3 F-Area Effluent	H-3	4-Feb-13	3.38E+02	1.39E+02	No
FM-3 F-Area Effluent	H-3	4-Mar-13	6.84E+02	1.78E+02	Yes
FM-3 F-Area Effluent	H-3	1-Apr-13	1.72E+02	1.63E+02	No
FM-3 F-Area Effluent	H-3	6-May-13	8.92E+02	1.50E+02	Yes
FM-3 F-Area Effluent	H-3	3-Jun-13	-1.05E+02	1.54E+02	No
FM-3 F-Area Effluent	H-3	1-Jul-13	7.08E+02	1.82E+02	Yes
FM-3 F-Area Effluent	H-3	5-Aug-13	2.10E+03	2.13E+02	Yes
FM-3 F-Area Effluent	H-3	3-Sep-13	1.52E+03	1.60E+02	Yes
FM-3 F-Area Effluent	H-3	7-Oct-13	1.29E+03	1.50E+02	Yes
FM-3 F-Area Effluent	H-3	4-Nov-13	7.92E+02	1.57E+02	Yes
FM-3 F-Area Effluent	H-3	2-Dec-13	4.51E+02	1.36E+02	Yes
FM-3 F-Area Effluent	H-3	6-Jan-14	1.04E+03	1.52E+02	Yes
H-004	H-3	4-Feb-13	5.57E+03	2.60E+02	Yes
H-004	H-3	4-Mar-13	9.30E+03	3.35E+02	Yes
H-004	H-3	1-Apr-13	6.35E+03	2.80E+02	Yes
H-004	H-3	6-May-13	8.14E+03	2.97E+02	Yes
H-004	H-3	3-Jun-13	1.17E+04	3.53E+02	Yes
H-004	H-3	1-Jul-13	3.11E+04	5.74E+02	Yes
H-004	H-3	5-Aug-13	9.51E+03	3.17E+02	Yes
H-004	H-3	3-Sep-13	9.81E+03	3.03E+02	Yes
H-004	H-3	7-Oct-13	7.54E+03	2.73E+02	Yes
H-004	H-3	2-Dec-13	1.55E+04	3.91E+02	Yes
H-004	H-3	6-Jan-14	8.22E+03	2.92E+02	Yes
H-017 281-8H Retention Basin	H-3	26-Jan-13	2.78E+03	2.15E+02	Yes
H-017 281-8H Retention Basin	H-3	17-Feb-13	1.14E+03	1.91E+02	Yes
H-017 281-8H Retention Basin	H-3	27-Feb-13	2.41E+03	2.14E+02	Yes
H-017 281-8H Retention Basin	H-3	21-Mar-13	2.23E+03	2.12E+02	Yes
H-017 281-8H Retention Basin	H-3	27-Mar-13	1.47E+03	2.02E+02	Yes
H-017 281-8H Retention Basin	H-3	5-Apr-13	1.38E+03	1.78E+02	Yes
H-017 281-8H Retention Basin	H-3	17-Apr-13	1.45E+03	2.17E+02	Yes
H-017 281-8H Retention Basin	H-3	3-May-13	2.54E+03	1.91E+02	Yes
H-017 281-8H Retention Basin	H-3	11-May-13	1.48E+03	1.69E+02	Yes
H-017 281-8H Retention Basin	H-3	15-Jun-13	3.43E+03	2.20E+02	Yes
H-017 281-8H Retention Basin	H-3	26-Jun-13	4.30E+03	2.39E+02	Yes
H-017 281-8H Retention Basin	H-3	6-Jul-13	3.16E+03	2.13E+02	Yes
H-017 281-8H Retention Basin	H-3	18-Jul-13	1.86E+03	1.67E+02	Yes
H-017 281-8H Retention Basin	H-3	27-Jul-13	1.12E+03	1.69E+02	Yes
H-017 281-8H Retention Basin	H-3	7-Aug-13	5.32E+03	2.62E+02	Yes
H-017 281-8H Retention Basin	H-3	17-Aug-13	3.14E+03	1.99E+02	Yes
H-017 281-8H Retention Basin	H-3	20-Aug-13	3.05E+03	2.00E+02	Yes
H-017 281-8H Retention Basin	H-3	19-Sep-13	2.84E+03	1.97E+02	Yes
H-017 281-8H Retention Basin	H-3	9-Oct-13	4.43E+03	2.22E+02	Yes
H-017 281-8H Retention Basin	H-3	5-Nov-13	7.97E+03	2.89E+02	Yes
H-017 281-8H Retention Basin	H-3	6-Dec-13	5.14E+03	2.39E+02	Yes
HP-15 Tritium Facility Outfall	H-3	4-Feb-13	1.82E+03	1.80E+02	Yes
HP-15 Tritium Facility Outfall	H-3	4-Mar-13	6.24E+03	2.91E+02	Yes
HP-15 Tritium Facility Outfall	H-3	1-Apr-13	3.03E+03	2.31E+02	Yes

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
HP-15 Tritium Facility Outfall	H-3	6-May-13	5.43E+03	2.57E+02	Yes
HP-15 Tritium Facility Outfall	H-3	3-Jun-13	6.78E+03	2.89E+02	Yes
HP-15 Tritium Facility Outfall	H-3	1-Jul-13	1.68E+04	4.36E+02	Yes
HP-15 Tritium Facility Outfall	H-3	5-Aug-13	4.27E+04	6.54E+02	Yes
HP-15 Tritium Facility Outfall	H-3	3-Sep-13	1.56E+04	3.84E+02	Yes
HP-15 Tritium Facility Outfall	H-3	7-Oct-13	5.32E+03	2.44E+02	Yes
HP-15 Tritium Facility Outfall	H-3	4-Nov-13	4.84E+03	2.48E+02	Yes
HP-15 Tritium Facility Outfall	H-3	2-Dec-13	2.54E+03	1.97E+02	Yes
HP-15 Tritium Facility Outfall	H-3	6-Jan-14	7.86E+03	2.90E+02	Yes
K Canal	H-3	4-Feb-13	6.51E+02	1.49E+02	Yes
K Canal	H-3	4-Mar-13	4.35E+02	1.65E+02	No
K Canal	H-3	1-Apr-13	2.36E+02	1.64E+02	No
K Canal	H-3	6-May-13	7.05E+02	1.42E+02	Yes
K Canal	H-3	3-Jun-13	-7.68E+01	1.54E+02	No
K Canal	H-3	1-Jul-13	4.32E+02	1.70E+02	No
K Canal	H-3	5-Aug-13	2.86E+03	2.10E+02	Yes
K Canal	H-3	3-Sep-13	3.30E+02	1.20E+02	Yes
K Canal	H-3	7-Oct-13	3.41E+02	1.21E+02	Yes
K Canal	H-3	4-Nov-13	1.75E+02	1.17E+02	No
K Canal	H-3	2-Dec-13	1.91E+02	1.33E+02	No
K Canal	H-3	6-Jan-14	4.84E+02	1.33E+02	Yes
L-07	H-3	4-Feb-13	5.03E+02	1.44E+02	Yes
L-07	H-3	4-Mar-13	4.05E+02	1.69E+02	No
L-07	H-3	1-Apr-13	3.19E+02	1.69E+02	No
L-07	H-3	6-May-13	4.46E+02	1.36E+02	Yes
L-07	H-3	3-Jun-13	3.62E+02	1.69E+02	No
L-07	H-3	1-Jul-13	2.95E+02	1.69E+02	No
L-07	H-3	5-Aug-13	2.06E+03	1.96E+02	Yes
L-07	H-3	3-Sep-13	2.64E+02	1.21E+02	No
L-07	H-3	7-Oct-13	2.02E+02	1.17E+02	No
L-07	H-3	4-Nov-13	-3.38E+01	1.34E+02	No
L-07	H-3	2-Dec-13	1.03E+03	1.55E+02	Yes
L-07	H-3	6-Jan-14	1.28E+02	1.22E+02	No
S-004	H-3	4-Feb-13	2.60E+03	2.00E+02	Yes
S-004	H-3	4-Mar-13	1.42E+03	1.91E+02	Yes
S-004	H-3	1-Apr-13	9.24E+02	1.76E+02	Yes
S-004	H-3	6-May-13	3.76E+03	2.20E+02	Yes
S-004	H-3	3-Jun-13	7.92E+03	2.99E+02	Yes
S-004	H-3	1-Jul-13	3.19E+04	5.80E+02	Yes
S-004	H-3	5-Aug-13	1.55E+04	4.00E+02	Yes
S-004	H-3	3-Sep-13	2.92E+03	1.88E+02	Yes
S-004	H-3	7-Oct-13	1.30E+03	1.49E+02	Yes
S-004	H-3	4-Nov-13	1.80E+03	1.81E+02	Yes
S-004	H-3	2-Dec-13	1.07E+03	1.56E+02	Yes
S-004	H-3	6-Jan-14	1.94E+03	1.76E+02	Yes
TB-2 Outfall at Road 1A	H-3	4-Feb-13	5.57E+02	1.45E+02	Yes
TB-2 Outfall at Road 1A	H-3	4-Mar-13	6.22E+01	1.56E+02	No
TB-2 Outfall at Road 1A	H-3	1-Apr-13	3.03E+01	1.59E+02	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
TB-2 Outfall at Road 1A	H-3	6-May-13	6.46E+02	1.39E+02	Yes
TB-2 Outfall at Road 1A	H-3	3-Jun-13	1.34E+02	1.60E+02	No
TB-2 Outfall at Road 1A	H-3	1-Jul-13	6.27E+02	1.75E+02	Yes
TB-2 Outfall at Road 1A	H-3	5-Aug-13	1.14E+03	8.40E+01	Yes
TB-2 Outfall at Road 1A	H-3	3-Sep-13	2.89E+02	1.18E+02	No
TB-2 Outfall at Road 1A	H-3	7-Oct-13	2.95E+02	1.20E+02	No
TB-2 Outfall at Road 1A	H-3	4-Nov-13	5.49E+01	1.31E+02	No
TB-2 Outfall at Road 1A	H-3	2-Dec-13	1.90E+02	1.27E+02	No
TB-2 Outfall at Road 1A	H-3	6-Jan-14	1.72E+02	1.21E+02	No
U3R-2A ETF Outfall at Road C	H-3	7-Jan-13	6.81E+05	2.85E+04	Yes
U3R-2A ETF Outfall at Road C	H-3	22-Jan-13	8.19E+03	2.95E+02	Yes
U3R-2A ETF Outfall at Road C	H-3	4-Feb-13	6.86E+05	2.78E+04	Yes
U3R-2A ETF Outfall at Road C	H-3	11-Feb-13	9.59E+05	3.35E+04	Yes
U3R-2A ETF Outfall at Road C	H-3	19-Feb-13	9.59E+05	3.30E+04	Yes
U3R-2A ETF Outfall at Road C	H-3	25-Feb-13	6.51E+05	2.80E+04	Yes
U3R-2A ETF Outfall at Road C	H-3	4-Mar-13	9.84E+05	3.50E+04	Yes
U3R-2A ETF Outfall at Road C	H-3	11-Mar-13	9.76E+05	3.53E+04	Yes
U3R-2A ETF Outfall at Road C	H-3	18-Mar-13	1.14E+06	3.59E+04	Yes
U3R-2A ETF Outfall at Road C	H-3	25-Mar-13	1.75E+04	4.32E+02	Yes
U3R-2A ETF Outfall at Road C	H-3	1-Apr-13	1.99E+06	4.37E+04	Yes
U3R-2A ETF Outfall at Road C	H-3	8-Apr-13	1.82E+06	4.26E+04	Yes
U3R-2A ETF Outfall at Road C	H-3	15-Apr-13	1.47E+06	3.91E+04	Yes
U3R-2A ETF Outfall at Road C	H-3	22-Apr-13	1.29E+06	3.94E+04	Yes
U3R-2A ETF Outfall at Road C	H-3	6-May-13	1.19E+06	3.46E+04	Yes
U3R-2A ETF Outfall at Road C	H-3	13-May-13	1.30E+05	3.65E+03	Yes
U3R-2A ETF Outfall at Road C	H-3	20-May-13	1.19E+06	3.60E+04	Yes
U3R-2A ETF Outfall at Road C	H-3	24-Jun-13	1.04E+06	3.30E+04	Yes
U3R-2A ETF Outfall at Road C	H-3	1-Jul-13	3.46E+05	2.38E+04	Yes
U3R-2A ETF Outfall at Road C	H-3	8-Jul-13	4.89E+05	2.47E+04	Yes
U3R-2A ETF Outfall at Road C	H-3	15-Jul-13	8.62E+05	3.09E+04	Yes
U3R-2A ETF Outfall at Road C	H-3	22-Jul-13	7.30E+05	2.81E+04	Yes
U3R-2A ETF Outfall at Road C	H-3	29-Jul-13	7.11E+05	2.86E+04	Yes
U3R-2A ETF Outfall at Road C	H-3	5-Aug-13	3.46E+05	2.36E+04	Yes
U3R-2A ETF Outfall at Road C	H-3	12-Aug-13	4.27E+05	2.52E+04	Yes
U3R-2A ETF Outfall at Road C	H-3	19-Aug-13	8.73E+05	2.97E+04	Yes
U3R-2A ETF Outfall at Road C	H-3	26-Aug-13	1.24E+06	3.35E+04	Yes
U3R-2A ETF Outfall at Road C	H-3	3-Sep-13	9.95E+05	3.07E+04	Yes
U3R-2A ETF Outfall at Road C	H-3	9-Sep-13	8.84E+05	2.90E+04	Yes
U3R-2A ETF Outfall at Road C	H-3	16-Sep-13	1.21E+06	3.34E+04	Yes
U3R-2A ETF Outfall at Road C	H-3	23-Sep-13	1.27E+06	3.42E+04	Yes
U3R-2A ETF Outfall at Road C	H-3	1-Oct-13	1.52E+06	3.69E+04	Yes
U3R-2A ETF Outfall at Road C	H-3	14-Oct-13	1.91E+06	4.06E+04	Yes
U3R-2A ETF Outfall at Road C	H-3	9-Dec-13	1.81E+06	4.18E+04	Yes
U3R-2A ETF Outfall at Road C	H-3	23-Dec-13	1.26E+06	3.52E+04	Yes
U3R-2A ETF Outfall at Road C	H-3	30-Dec-13	1.07E+06	3.29E+04	Yes
Z-01 Outfall	H-3	13-Feb-13	1.44E+03	1.86E+02	Yes
Z-01 Outfall	H-3	7-May-13	1.71E+03	1.76E+02	Yes
Z-01 Outfall	H-3	10-Jun-13	1.24E+03	1.67E+02	Yes

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
Z-01 Outfall	H-3	10-Jun-13	1.32E+03	1.69E+02	Yes
Z-01 Outfall	H-3	17-Jun-13	1.32E+03	1.71E+02	Yes
Z-01 Outfall	H-3	10-Jul-13	2.52E+03	2.04E+02	Yes
Miscellaneous					
HP-52 H-Area Tank Farm	H-3	5-Feb-13	6.46E+02	1.43E+02	Yes
HP-52 H-Area Tank Farm	H-3	5-Mar-13	1.48E+03	2.00E+02	Yes
HP-52 H-Area Tank Farm	H-3	2-Apr-13	1.65E+03	1.80E+02	Yes
HP-52 H-Area Tank Farm	H-3	7-May-13	2.58E+03	2.29E+02	Yes
HP-52 H-Area Tank Farm	H-3	4-Jun-13	2.29E+03	2.18E+02	Yes
HP-52 H-Area Tank Farm	H-3	2-Jul-13	2.26E+03	2.59E+02	Yes
HP-52 H-Area Tank Farm	H-3	6-Aug-13	4.51E+03	3.07E+02	Yes
HP-52 H-Area Tank Farm	H-3	3-Sep-13	1.45E+03	1.86E+02	Yes
HP-52 H-Area Tank Farm	H-3	3-Dec-13	5.70E+02	1.35E+02	Yes
Onsite					
F-012 281-8F Retention Basin	Co-60	17-Feb-13	4.19E-01	2.05E+00	No
F-012 281-8F Retention Basin	Co-60	1-Mar-13	1.82E+00	1.87E+00	No
F-012 281-8F Retention Basin	Co-60	28-Mar-13	-9.35E-01	2.04E+00	No
F-012 281-8F Retention Basin	Co-60	5-May-13	2.46E+00	2.04E+00	No
F-012 281-8F Retention Basin	Co-60	16-Jun-13	7.68E-01	1.88E+00	No
F-012 281-8F Retention Basin	Co-60	26-Jun-13	9.14E-01	2.08E+00	No
F-012 281-8F Retention Basin	Co-60	13-Jul-13	-2.31E+00	2.01E+00	No
F-012 281-8F Retention Basin	Co-60	29-Jul-13	-3.57E+00	2.17E+00	No
F-012 281-8F Retention Basin	Co-60	7-Aug-13	1.70E+00	1.95E+00	No
F-012 281-8F Retention Basin	Co-60	23-Aug-13	2.19E+00	1.92E+00	No
F-012 281-8F Retention Basin	Co-60	13-Dec-13	3.19E+00	1.52E+00	No
F-012 281-8F Retention Basin	Co-60	1-Jan-14	3.59E+00	2.32E+00	No
F-013 200-F Cooling Basin	Co-60	5-Mar-13	2.66E+00	1.91E+00	No
F-013 200-F Cooling Basin	Co-60	9-May-13	-6.97E-01	2.23E+00	No
F-013 200-F Cooling Basin	Co-60	12-Jun-13	1.53E+00	1.90E+00	No
F-013 200-F Cooling Basin	Co-60	29-Jul-13	2.64E-01	2.44E+00	No
F-013 200-F Cooling Basin	Co-60	7-Aug-13	4.51E+00	2.08E+00	No
F-013 200-F Cooling Basin	Co-60	22-Aug-13	-2.64E-02	1.89E+00	No
F-013 200-F Cooling Basin	Co-60	3-Sep-13	4.51E+00	2.27E+00	No
F-013 200-F Cooling Basin	Co-60	9-Sep-13	-1.32E+00	2.33E+00	No
F-013 200-F Cooling Basin	Co-60	21-Oct-13	1.37E+00	2.11E+00	No
F-013 200-F Cooling Basin	Co-60	17-Dec-13	4.73E-01	1.86E+00	No
F-05	Co-60	4-Feb-13	2.23E+00	2.27E+00	No
F-05	Co-60	4-Mar-13	-1.09E+00	2.09E+00	No
F-05	Co-60	1-Apr-13	-2.34E+00	1.93E+00	No
F-05	Co-60	6-May-13	-2.21E-01	2.01E+00	No
F-05	Co-60	3-Jun-13	6.41E-01	2.46E+00	No
F-05	Co-60	1-Jul-13	2.84E+00	2.43E+00	No
F-05	Co-60	5-Aug-13	-7.08E-01	2.29E+00	No
F-05	Co-60	3-Sep-13	-2.78E-01	2.31E+00	No
F-05	Co-60	2-Dec-13	1.58E-02	1.94E+00	No
F-05	Co-60	6-Jan-14	2.06E+00	2.10E+00	No
FM-1C H-Area Effluent	Co-60	4-Feb-13	-4.03E+00	2.25E+00	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
FM-1C H-Area Effluent	Co-60	4-Mar-13	1.35E+00	1.97E+00	No
FM-1C H-Area Effluent	Co-60	1-Apr-13	5.62E+00	2.00E+00	No
FM-1C H-Area Effluent	Co-60	6-May-13	4.76E+00	2.14E+00	No
FM-1C H-Area Effluent	Co-60	3-Jun-13	-5.70E-01	2.07E+00	No
FM-1C H-Area Effluent	Co-60	1-Jul-13	-2.51E+00	1.96E+00	No
FM-1C H-Area Effluent	Co-60	5-Aug-13	3.22E+00	2.23E+00	No
FM-1C H-Area Effluent	Co-60	3-Sep-13	-7.51E-01	2.26E+00	No
FM-1C H-Area Effluent	Co-60	7-Oct-13	2.89E+00	1.80E+00	No
FM-1C H-Area Effluent	Co-60	4-Nov-13	-1.11E+00	2.23E+00	No
FM-1C H-Area Effluent	Co-60	2-Dec-13	2.21E+00	2.00E+00	No
FM-1C H-Area Effluent	Co-60	6-Jan-14	-1.01E+00	2.13E+00	No
FM-3 F-Area Effluent	Co-60	4-Feb-13	-1.37E+00	2.16E+00	No
FM-3 F-Area Effluent	Co-60	4-Mar-13	7.08E-01	2.03E+00	No
FM-3 F-Area Effluent	Co-60	1-Apr-13	6.62E-01	1.84E+00	No
FM-3 F-Area Effluent	Co-60	6-May-13	-1.29E+00	2.04E+00	No
FM-3 F-Area Effluent	Co-60	3-Jun-13	3.97E-01	2.29E+00	No
FM-3 F-Area Effluent	Co-60	1-Jul-13	-1.58E+00	2.09E+00	No
FM-3 F-Area Effluent	Co-60	5-Aug-13	5.49E-01	2.07E+00	No
FM-3 F-Area Effluent	Co-60	3-Sep-13	-4.11E-01	2.08E+00	No
FM-3 F-Area Effluent	Co-60	7-Oct-13	-2.53E+00	2.07E+00	No
FM-3 F-Area Effluent	Co-60	4-Nov-13	2.63E+00	2.41E+00	No
FM-3 F-Area Effluent	Co-60	2-Dec-13	7.92E-01	1.71E+00	No
FM-3 F-Area Effluent	Co-60	6-Jan-14	3.41E+00	2.19E+00	No
H-004	Co-60	4-Feb-13	-1.65E-01	1.95E+00	No
H-004	Co-60	4-Mar-13	2.30E+00	1.98E+00	No
H-004	Co-60	1-Apr-13	-1.62E+00	1.91E+00	No
H-004	Co-60	6-May-13	5.35E-01	1.67E+00	No
H-004	Co-60	3-Jun-13	6.24E-01	2.15E+00	No
H-004	Co-60	1-Jul-13	2.21E+00	2.10E+00	No
H-004	Co-60	5-Aug-13	-2.92E-01	2.45E+00	No
H-004	Co-60	29-Aug-13	1.09E+00	1.85E+00	No
H-004	Co-60	3-Sep-13	-1.65E+00	1.71E+00	No
H-004	Co-60	7-Oct-13	3.46E+00	1.78E+00	No
H-004	Co-60	2-Dec-13	2.41E-02	1.83E+00	No
H-004	Co-60	6-Jan-14	7.70E-01	1.88E+00	No
H-017 281-8H Retention Basin	Co-60	26-Jan-13	1.72E+00	2.01E+00	No
H-017 281-8H Retention Basin	Co-60	17-Feb-13	-1.10E-01	2.30E+00	No
H-017 281-8H Retention Basin	Co-60	27-Feb-13	1.18E-01	1.73E+00	No
H-017 281-8H Retention Basin	Co-60	21-Mar-13	-1.51E+00	1.99E+00	No
H-017 281-8H Retention Basin	Co-60	27-Mar-13	2.69E+00	2.05E+00	No
H-017 281-8H Retention Basin	Co-60	5-Apr-13	9.78E-01	2.17E+00	No
H-017 281-8H Retention Basin	Co-60	17-Apr-13	-3.46E+00	2.21E+00	No
H-017 281-8H Retention Basin	Co-60	3-May-13	-2.19E+00	2.09E+00	No
H-017 281-8H Retention Basin	Co-60	11-May-13	-1.09E+00	2.27E+00	No
H-017 281-8H Retention Basin	Co-60	15-Jun-13	3.24E+00	2.10E+00	No
H-017 281-8H Retention Basin	Co-60	26-Jun-13	7.32E-01	1.99E+00	No
H-017 281-8H Retention Basin	Co-60	6-Jul-13	1.14E+00	1.90E+00	No
H-017 281-8H Retention Basin	Co-60	18-Jul-13	-1.69E+00	2.13E+00	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
H-017 281-8H Retention Basin	Co-60	27-Jul-13	1.38E+00	2.02E+00	No
H-017 281-8H Retention Basin	Co-60	7-Aug-13	1.72E-01	1.84E+00	No
H-017 281-8H Retention Basin	Co-60	17-Aug-13	3.05E+00	2.11E+00	No
H-017 281-8H Retention Basin	Co-60	20-Aug-13	3.14E+00	1.86E+00	No
H-017 281-8H Retention Basin	Co-60	19-Sep-13	9.46E-02	1.99E+00	No
H-017 281-8H Retention Basin	Co-60	9-Oct-13	-1.64E+00	1.86E+00	No
H-017 281-8H Retention Basin	Co-60	5-Nov-13	-4.57E-01	1.74E+00	No
H-017 281-8H Retention Basin	Co-60	6-Dec-13	-1.15E-01	2.03E+00	No
HP-15 Tritium Facility Outfall	Co-60	4-Feb-13	-1.91E+00	2.13E+00	No
HP-15 Tritium Facility Outfall	Co-60	4-Mar-13	1.65E+00	1.99E+00	No
HP-15 Tritium Facility Outfall	Co-60	1-Apr-13	1.71E+00	2.15E+00	No
HP-15 Tritium Facility Outfall	Co-60	6-May-13	1.34E+00	2.26E+00	No
HP-15 Tritium Facility Outfall	Co-60	3-Jun-13	9.70E-02	1.93E+00	No
HP-15 Tritium Facility Outfall	Co-60	1-Jul-13	1.83E+00	1.88E+00	No
HP-15 Tritium Facility Outfall	Co-60	5-Aug-13	1.69E+00	2.26E+00	No
HP-15 Tritium Facility Outfall	Co-60	3-Sep-13	-1.64E+00	2.31E+00	No
HP-15 Tritium Facility Outfall	Co-60	7-Oct-13	1.92E+00	2.02E+00	No
HP-15 Tritium Facility Outfall	Co-60	4-Nov-13	-4.11E+00	2.73E+00	No
HP-15 Tritium Facility Outfall	Co-60	2-Dec-13	-1.48E+00	2.00E+00	No
HP-15 Tritium Facility Outfall	Co-60	6-Jan-14	-7.43E-01	1.99E+00	No
K Canal	Co-60	4-Feb-13	1.33E+00	2.08E+00	No
K Canal	Co-60	4-Mar-13	-2.84E+00	2.19E+00	No
K Canal	Co-60	1-Apr-13	-2.89E+00	2.06E+00	No
K Canal	Co-60	6-May-13	1.47E-01	1.93E+00	No
K Canal	Co-60	3-Jun-13	2.27E+00	1.83E+00	No
K Canal	Co-60	1-Jul-13	2.97E-01	1.80E+00	No
K Canal	Co-60	5-Aug-13	-7.81E-03	2.38E+00	No
K Canal	Co-60	3-Sep-13	7.57E-02	2.11E+00	No
K Canal	Co-60	7-Oct-13	-2.68E+00	2.16E+00	No
K Canal	Co-60	4-Nov-13	1.62E+00	2.42E+00	No
K Canal	Co-60	2-Dec-13	2.63E+00	2.12E+00	No
K Canal	Co-60	6-Jan-14	-6.73E-01	2.27E+00	No
L-07	Co-60	4-Feb-13	3.00E-01	1.97E+00	No
L-07	Co-60	4-Mar-13	4.86E+00	1.91E+00	No
L-07	Co-60	1-Apr-13	1.34E-01	2.25E+00	No
L-07	Co-60	6-May-13	5.38E-01	1.91E+00	No
L-07	Co-60	3-Jun-13	-4.54E+00	1.96E+00	No
L-07	Co-60	1-Jul-13	1.98E+00	2.02E+00	No
L-07	Co-60	5-Aug-13	3.27E+00	2.33E+00	No
L-07	Co-60	3-Sep-13	2.89E-01	1.76E+00	No
L-07	Co-60	7-Oct-13	-3.92E-01	2.05E+00	No
L-07	Co-60	4-Nov-13	2.51E+00	1.84E+00	No
L-07	Co-60	2-Dec-13	1.38E+00	1.97E+00	No
L-07	Co-60	6-Jan-14	2.68E-01	2.00E+00	No
S-004	Co-60	4-Feb-13	-7.05E-01	1.99E+00	No
S-004	Co-60	4-Mar-13	-1.56E+00	1.85E+00	No
S-004	Co-60	1-Apr-13	1.37E+00	2.16E+00	No
S-004	Co-60	6-May-13	2.59E+00	1.96E+00	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
S-004	Co-60	3-Jun-13	7.08E-01	2.16E+00	No
S-004	Co-60	1-Jul-13	1.04E+00	2.26E+00	No
S-004	Co-60	5-Aug-13	5.22E+00	2.89E+00	No
S-004	Co-60	3-Sep-13	3.65E-01	1.97E+00	No
S-004	Co-60	7-Oct-13	8.78E-01	1.77E+00	No
S-004	Co-60	4-Nov-13	2.21E-02	1.88E+00	No
S-004	Co-60	2-Dec-13	9.92E-01	1.82E+00	No
S-004	Co-60	6-Jan-14	2.16E+00	2.00E+00	No
TB-2 Outfall at Road 1A	Co-60	4-Feb-13	-9.59E-01	2.01E+00	No
TB-2 Outfall at Road 1A	Co-60	4-Mar-13	-2.33E+00	1.96E+00	No
TB-2 Outfall at Road 1A	Co-60	1-Apr-13	3.57E+00	1.96E+00	No
TB-2 Outfall at Road 1A	Co-60	6-May-13	3.84E+00	2.08E+00	No
TB-2 Outfall at Road 1A	Co-60	3-Jun-13	1.15E+00	1.90E+00	No
TB-2 Outfall at Road 1A	Co-60	1-Jul-13	-2.17E-01	2.09E+00	No
TB-2 Outfall at Road 1A	Co-60	5-Aug-13	-1.58E+00	2.17E+00	No
TB-2 Outfall at Road 1A	Co-60	3-Sep-13	-2.08E+00	2.37E+00	No
TB-2 Outfall at Road 1A	Co-60	7-Oct-13	-1.49E+00	1.99E+00	No
TB-2 Outfall at Road 1A	Co-60	4-Nov-13	-1.36E+00	2.16E+00	No
TB-2 Outfall at Road 1A	Co-60	2-Dec-13	-2.08E+00	2.32E+00	No
TB-2 Outfall at Road 1A	Co-60	6-Jan-14	2.95E+00	1.81E+00	No
TB-3 M-Area Effluent at Road D	Co-60	4-Feb-13	2.00E+00	2.18E+00	No
U3R-2A ETF Outfall at Road C	Co-60	7-Jan-13	3.22E+00	1.76E+00	No
U3R-2A ETF Outfall at Road C	Co-60	22-Jan-13	1.83E+00	1.87E+00	No
U3R-2A ETF Outfall at Road C	Co-60	4-Feb-13	4.65E-01	2.16E+00	No
U3R-2A ETF Outfall at Road C	Co-60	11-Feb-13	2.97E+00	2.10E+00	No
U3R-2A ETF Outfall at Road C	Co-60	19-Feb-13	-1.29E+00	2.27E+00	No
U3R-2A ETF Outfall at Road C	Co-60	25-Feb-13	2.31E+00	2.28E+00	No
U3R-2A ETF Outfall at Road C	Co-60	4-Mar-13	1.35E+00	1.86E+00	No
U3R-2A ETF Outfall at Road C	Co-60	11-Mar-13	1.66E+00	1.99E+00	No
U3R-2A ETF Outfall at Road C	Co-60	18-Mar-13	1.43E+00	2.30E+00	No
U3R-2A ETF Outfall at Road C	Co-60	25-Mar-13	-1.81E+00	2.01E+00	No
U3R-2A ETF Outfall at Road C	Co-60	1-Apr-13	9.86E-01	2.13E+00	No
U3R-2A ETF Outfall at Road C	Co-60	8-Apr-13	5.78E+00	2.14E+00	No
U3R-2A ETF Outfall at Road C	Co-60	15-Apr-13	1.28E+00	2.00E+00	No
U3R-2A ETF Outfall at Road C	Co-60	22-Apr-13	-2.21E+00	2.14E+00	No
U3R-2A ETF Outfall at Road C	Co-60	6-May-13	1.67E-01	1.96E+00	No
U3R-2A ETF Outfall at Road C	Co-60	13-May-13	-9.35E-01	2.18E+00	No
U3R-2A ETF Outfall at Road C	Co-60	20-May-13	2.22E+00	2.05E+00	No
U3R-2A ETF Outfall at Road C	Co-60	24-Jun-13	-1.19E+00	1.95E+00	No
U3R-2A ETF Outfall at Road C	Co-60	1-Jul-13	-1.97E+00	2.13E+00	No
U3R-2A ETF Outfall at Road C	Co-60	8-Jul-13	-4.00E+00	2.12E+00	No
U3R-2A ETF Outfall at Road C	Co-60	15-Jul-13	2.01E-01	1.78E+00	No
U3R-2A ETF Outfall at Road C	Co-60	22-Jul-13	3.89E+00	1.92E+00	No
U3R-2A ETF Outfall at Road C	Co-60	29-Jul-13	-1.02E-01	2.09E+00	No
U3R-2A ETF Outfall at Road C	Co-60	5-Aug-13	-7.14E-01	2.36E+00	No
U3R-2A ETF Outfall at Road C	Co-60	12-Aug-13	-6.27E-01	1.92E+00	No
U3R-2A ETF Outfall at Road C	Co-60	19-Aug-13	2.35E+00	2.05E+00	No
U3R-2A ETF Outfall at Road C	Co-60	26-Aug-13	1.10E+00	1.70E+00	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
U3R-2A ETF Outfall at Road C	Co-60	3-Sep-13	1.18E+00	2.10E+00	No
U3R-2A ETF Outfall at Road C	Co-60	9-Sep-13	-4.19E-02	2.18E+00	No
U3R-2A ETF Outfall at Road C	Co-60	16-Sep-13	5.59E-01	2.22E+00	No
U3R-2A ETF Outfall at Road C	Co-60	23-Sep-13	1.35E+00	2.41E+00	No
U3R-2A ETF Outfall at Road C	Co-60	1-Oct-13	-1.50E+00	2.10E+00	No
U3R-2A ETF Outfall at Road C	Co-60	14-Oct-13	-1.71E+00	1.71E+00	No
U3R-2A ETF Outfall at Road C	Co-60	9-Dec-13	-2.70E-01	1.84E+00	No
U3R-2A ETF Outfall at Road C	Co-60	23-Dec-13	2.68E+00	2.20E+00	No
U3R-2A ETF Outfall at Road C	Co-60	30-Dec-13	-1.42E+00	2.62E+00	No
Z-01 Outfall	Co-60	13-Feb-13	3.30E+00	1.85E+00	No
Z-01 Outfall	Co-60	26-Feb-13	-2.32E+00	2.34E+00	No
Z-01 Outfall	Co-60	7-May-13	8.51E-01	5.64E+00	No
Z-01 Outfall	Co-60	10-Jun-13	2.55E+00	2.02E+00	No
Z-01 Outfall	Co-60	10-Jun-13	5.22E+00	1.98E+00	No
Z-01 Outfall	Co-60	17-Jun-13	-4.32E+00	2.31E+00	No
Z-01 Outfall	Co-60	10-Jul-13	3.97E+00	2.02E+00	No
Miscellaneous					
HP-52 H-Area Tank Farm	Co-60	5-Feb-13	-2.06E+00	1.96E+00	No
HP-52 H-Area Tank Farm	Co-60	5-Mar-13	-4.24E-01	1.97E+00	No
HP-52 H-Area Tank Farm	Co-60	2-Apr-13	-7.46E-01	1.97E+00	No
HP-52 H-Area Tank Farm	Co-60	7-May-13	2.10E+00	2.10E+00	No
HP-52 H-Area Tank Farm	Co-60	4-Jun-13	1.08E+00	1.99E+00	No
HP-52 H-Area Tank Farm	Co-60	2-Jul-13	6.81E-01	2.04E+00	No
HP-52 H-Area Tank Farm	Co-60	6-Aug-13	2.38E+00	2.07E+00	No
HP-52 H-Area Tank Farm	Co-60	3-Sep-13	1.56E+00	2.02E+00	No
HP-52 H-Area Tank Farm	Co-60	3-Dec-13	1.33E+00	2.01E+00	No
Onsite					
F-012 281-8F Retention Basin	Cs-137	17-Feb-13	4.92E+00	2.39E+00	No
F-012 281-8F Retention Basin	Cs-137	1-Mar-13	6.84E+00	2.42E+00	No
F-012 281-8F Retention Basin	Cs-137	28-Mar-13	1.60E+01	3.69E+00	Yes
F-012 281-8F Retention Basin	Cs-137	5-May-13	7.46E+00	4.46E+00	No
F-012 281-8F Retention Basin	Cs-137	16-Jun-13	1.85E+01	3.76E+00	Yes
F-012 281-8F Retention Basin	Cs-137	26-Jun-13	1.10E+01	4.70E+00	No
F-012 281-8F Retention Basin	Cs-137	13-Jul-13	1.83E+01	3.47E+00	Yes
F-012 281-8F Retention Basin	Cs-137	29-Jul-13	2.12E+01	4.26E+00	Yes
F-012 281-8F Retention Basin	Cs-137	7-Aug-13	9.19E+00	3.41E+00	Yes
F-012 281-8F Retention Basin	Cs-137	23-Aug-13	1.02E+01	2.73E+00	Yes
F-012 281-8F Retention Basin	Cs-137	13-Dec-13	7.27E+00	2.95E+00	No
F-012 281-8F Retention Basin	Cs-137	1-Jan-14	1.03E+01	2.78E+00	No
F-013 200-F Cooling Basin	Cs-137	5-Mar-13	3.65E+00	2.29E+00	No
F-013 200-F Cooling Basin	Cs-137	9-May-13	2.89E+00	2.35E+00	No
F-013 200-F Cooling Basin	Cs-137	12-Jun-13	4.46E+00	2.39E+00	No
F-013 200-F Cooling Basin	Cs-137	29-Jul-13	6.32E+00	2.57E+00	No
F-013 200-F Cooling Basin	Cs-137	7-Aug-13	3.35E+00	2.26E+00	No
F-013 200-F Cooling Basin	Cs-137	22-Aug-13	6.57E+00	2.57E+00	No
F-013 200-F Cooling Basin	Cs-137	3-Sep-13	4.59E+00	2.57E+00	No
F-013 200-F Cooling Basin	Cs-137	9-Sep-13	1.29E+00	2.61E+00	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
F-013 200-F Cooling Basin	Cs-137	21-Oct-13	4.54E+00	2.21E+00	No
F-013 200-F Cooling Basin	Cs-137	17-Dec-13	4.65E+00	2.58E+00	No
F-05	Cs-137	4-Feb-13	-1.55E-01	2.21E+00	No
F-05	Cs-137	4-Mar-13	6.35E+00	2.49E+00	No
F-05	Cs-137	1-Apr-13	-3.27E-01	1.94E+00	No
F-05	Cs-137	6-May-13	9.27E-01	2.16E+00	No
F-05	Cs-137	3-Jun-13	-9.35E-01	2.37E+00	No
F-05	Cs-137	1-Jul-13	1.44E+00	2.31E+00	No
F-05	Cs-137	5-Aug-13	1.05E+00	2.37E+00	No
F-05	Cs-137	3-Sep-13	7.46E-01	2.30E+00	No
F-05	Cs-137	2-Dec-13	-1.67E+00	1.82E+00	No
F-05	Cs-137	6-Jan-14	-8.00E-01	2.30E+00	No
FM-1C H-Area Effluent	Cs-137	4-Feb-13	2.28E+00	2.33E+00	No
FM-1C H-Area Effluent	Cs-137	4-Mar-13	2.86E+00	1.99E+00	No
FM-1C H-Area Effluent	Cs-137	1-Apr-13	-2.20E+00	1.96E+00	No
FM-1C H-Area Effluent	Cs-137	6-May-13	1.34E-02	1.87E+00	No
FM-1C H-Area Effluent	Cs-137	3-Jun-13	1.94E+00	2.15E+00	No
FM-1C H-Area Effluent	Cs-137	1-Jul-13	1.89E-01	2.08E+00	No
FM-1C H-Area Effluent	Cs-137	5-Aug-13	1.40E+00	2.33E+00	No
FM-1C H-Area Effluent	Cs-137	3-Sep-13	5.00E-01	2.18E+00	No
FM-1C H-Area Effluent	Cs-137	7-Oct-13	7.84E-01	1.97E+00	No
FM-1C H-Area Effluent	Cs-137	4-Nov-13	-1.80E+00	2.37E+00	No
FM-1C H-Area Effluent	Cs-137	2-Dec-13	1.28E+00	2.02E+00	No
FM-1C H-Area Effluent	Cs-137	6-Jan-14	3.54E-02	2.35E+00	No
FM-3 F-Area Effluent	Cs-137	4-Feb-13	4.24E-01	2.21E+00	No
FM-3 F-Area Effluent	Cs-137	4-Mar-13	2.58E+00	2.00E+00	No
FM-3 F-Area Effluent	Cs-137	1-Apr-13	1.70E+00	1.87E+00	No
FM-3 F-Area Effluent	Cs-137	6-May-13	3.46E+00	2.17E+00	No
FM-3 F-Area Effluent	Cs-137	3-Jun-13	9.30E-01	2.07E+00	No
FM-3 F-Area Effluent	Cs-137	1-Jul-13	-2.21E+00	1.96E+00	No
FM-3 F-Area Effluent	Cs-137	5-Aug-13	-4.22E-01	2.16E+00	No
FM-3 F-Area Effluent	Cs-137	3-Sep-13	1.13E+00	1.97E+00	No
FM-3 F-Area Effluent	Cs-137	7-Oct-13	-2.76E-01	2.11E+00	No
FM-3 F-Area Effluent	Cs-137	4-Nov-13	-1.22E+00	2.31E+00	No
FM-3 F-Area Effluent	Cs-137	2-Dec-13	-4.00E-01	2.31E+00	No
FM-3 F-Area Effluent	Cs-137	6-Jan-14	1.32E+00	2.33E+00	No
H-004	Cs-137	4-Feb-13	4.73E+00	2.24E+00	No
H-004	Cs-137	4-Mar-13	1.10E+00	2.00E+00	No
H-004	Cs-137	1-Apr-13	-3.32E-01	2.22E+00	No
H-004	Cs-137	6-May-13	6.03E+00	2.05E+00	No
H-004	Cs-137	3-Jun-13	1.49E+00	2.55E+00	No
H-004	Cs-137	1-Jul-13	-1.86E+00	2.25E+00	No
H-004	Cs-137	5-Aug-13	-4.70E+00	2.46E+00	No
H-004	Cs-137	29-Aug-13	-2.04E-02	2.13E+00	No
H-004	Cs-137	3-Sep-13	3.00E+00	2.08E+00	No
H-004	Cs-137	7-Oct-13	4.89E-01	2.13E+00	No
H-004	Cs-137	2-Dec-13	1.22E+00	1.91E+00	No
H-004	Cs-137	6-Jan-14	1.20E+00	2.10E+00	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
H-017 281-8H Retention Basin	Cs-137	26-Jan-13	3.05E+01	4.81E+00	Yes
H-017 281-8H Retention Basin	Cs-137	17-Feb-13	3.30E+01	5.69E+00	Yes
H-017 281-8H Retention Basin	Cs-137	27-Feb-13	5.08E+01	6.51E+00	Yes
H-017 281-8H Retention Basin	Cs-137	21-Mar-13	4.97E+01	6.50E+00	Yes
H-017 281-8H Retention Basin	Cs-137	27-Mar-13	2.41E+01	4.37E+00	Yes
H-017 281-8H Retention Basin	Cs-137	5-Apr-13	4.73E+01	6.17E+00	Yes
H-017 281-8H Retention Basin	Cs-137	17-Apr-13	6.00E+01	7.24E+00	Yes
H-017 281-8H Retention Basin	Cs-137	3-May-13	4.08E+01	5.14E+00	Yes
H-017 281-8H Retention Basin	Cs-137	11-May-13	3.70E+01	5.93E+00	Yes
H-017 281-8H Retention Basin	Cs-137	15-Jun-13	6.05E+01	7.61E+00	Yes
H-017 281-8H Retention Basin	Cs-137	26-Jun-13	8.70E+01	1.04E+01	Yes
H-017 281-8H Retention Basin	Cs-137	6-Jul-13	4.89E+01	7.11E+00	Yes
H-017 281-8H Retention Basin	Cs-137	18-Jul-13	1.01E+02	1.09E+01	Yes
H-017 281-8H Retention Basin	Cs-137	27-Jul-13	6.24E+01	8.18E+00	Yes
H-017 281-8H Retention Basin	Cs-137	7-Aug-13	7.38E+01	8.96E+00	Yes
H-017 281-8H Retention Basin	Cs-137	17-Aug-13	1.52E+02	1.12E+01	Yes
H-017 281-8H Retention Basin	Cs-137	20-Aug-13	7.22E+01	9.52E+00	Yes
H-017 281-8H Retention Basin	Cs-137	19-Sep-13	1.06E+02	1.21E+01	Yes
H-017 281-8H Retention Basin	Cs-137	9-Oct-13	7.32E+01	8.55E+00	Yes
H-017 281-8H Retention Basin	Cs-137	5-Nov-13	5.86E+01	7.25E+00	Yes
H-017 281-8H Retention Basin	Cs-137	6-Dec-13	3.51E+01	4.97E+00	Yes
HP-15 Tritium Facility Outfall	Cs-137	4-Feb-13	-9.00E-01	2.17E+00	No
HP-15 Tritium Facility Outfall	Cs-137	4-Mar-13	-3.11E+00	2.03E+00	No
HP-15 Tritium Facility Outfall	Cs-137	1-Apr-13	-1.15E+00	2.18E+00	No
HP-15 Tritium Facility Outfall	Cs-137	6-May-13	6.43E-01	2.20E+00	No
HP-15 Tritium Facility Outfall	Cs-137	3-Jun-13	3.43E+00	2.13E+00	No
HP-15 Tritium Facility Outfall	Cs-137	1-Jul-13	-1.72E-01	2.11E+00	No
HP-15 Tritium Facility Outfall	Cs-137	5-Aug-13	-2.92E+00	2.44E+00	No
HP-15 Tritium Facility Outfall	Cs-137	3-Sep-13	-1.08E+00	2.21E+00	No
HP-15 Tritium Facility Outfall	Cs-137	7-Oct-13	2.38E+00	2.10E+00	No
HP-15 Tritium Facility Outfall	Cs-137	4-Nov-13	-3.68E-01	2.19E+00	No
HP-15 Tritium Facility Outfall	Cs-137	2-Dec-13	-1.99E+00	2.06E+00	No
HP-15 Tritium Facility Outfall	Cs-137	6-Jan-14	-1.05E+00	2.37E+00	No
K Canal	Cs-137	4-Feb-13	6.59E-01	2.03E+00	No
K Canal	Cs-137	4-Mar-13	-2.06E+00	1.97E+00	No
K Canal	Cs-137	1-Apr-13	1.56E+00	2.20E+00	No
K Canal	Cs-137	6-May-13	3.16E-01	1.91E+00	No
K Canal	Cs-137	3-Jun-13	-2.10E+00	2.08E+00	No
K Canal	Cs-137	1-Jul-13	6.00E-01	1.77E+00	No
K Canal	Cs-137	5-Aug-13	-7.54E-01	2.47E+00	No
K Canal	Cs-137	3-Sep-13	-2.53E+00	2.05E+00	No
K Canal	Cs-137	7-Oct-13	-4.16E-01	2.02E+00	No
K Canal	Cs-137	4-Nov-13	2.33E+00	2.23E+00	No
K Canal	Cs-137	2-Dec-13	2.19E+00	2.18E+00	No
K Canal	Cs-137	6-Jan-14	-2.03E+00	2.41E+00	No
L-07	Cs-137	4-Feb-13	4.14E+00	1.98E+00	No
L-07	Cs-137	4-Mar-13	-2.89E+00	2.00E+00	No
L-07	Cs-137	1-Apr-13	-8.51E-01	2.25E+00	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
L-07	Cs-137	6-May-13	9.92E-01	2.10E+00	No
L-07	Cs-137	3-Jun-13	-2.35E+00	2.09E+00	No
L-07	Cs-137	1-Jul-13	8.00E-01	2.25E+00	No
L-07	Cs-137	5-Aug-13	1.79E+00	2.15E+00	No
L-07	Cs-137	3-Sep-13	3.46E+00	2.05E+00	No
L-07	Cs-137	7-Oct-13	2.54E+00	2.20E+00	No
L-07	Cs-137	4-Nov-13	1.48E+00	2.09E+00	No
L-07	Cs-137	2-Dec-13	2.10E-01	1.94E+00	No
L-07	Cs-137	6-Jan-14	-1.63E+00	2.25E+00	No
S-004	Cs-137	4-Feb-13	-1.18E+00	2.17E+00	No
S-004	Cs-137	4-Mar-13	-1.18E+00	2.12E+00	No
S-004	Cs-137	1-Apr-13	-2.18E+00	2.16E+00	No
S-004	Cs-137	6-May-13	1.76E+00	2.08E+00	No
S-004	Cs-137	3-Jun-13	-3.05E+00	2.22E+00	No
S-004	Cs-137	1-Jul-13	-1.65E+00	2.43E+00	No
S-004	Cs-137	5-Aug-13	-2.89E+00	2.56E+00	No
S-004	Cs-137	3-Sep-13	-1.68E+00	2.10E+00	No
S-004	Cs-137	7-Oct-13	-9.95E-01	2.24E+00	No
S-004	Cs-137	4-Nov-13	1.13E+00	2.29E+00	No
S-004	Cs-137	2-Dec-13	-2.64E+00	1.94E+00	No
S-004	Cs-137	6-Jan-14	5.19E+00	2.37E+00	No
TB-2 Outfall at Road 1A	Cs-137	4-Feb-13	4.95E+00	2.10E+00	No
TB-2 Outfall at Road 1A	Cs-137	4-Mar-13	1.53E+00	2.00E+00	No
TB-2 Outfall at Road 1A	Cs-137	1-Apr-13	-6.11E-02	2.14E+00	No
TB-2 Outfall at Road 1A	Cs-137	6-May-13	-2.53E+00	2.24E+00	No
TB-2 Outfall at Road 1A	Cs-137	3-Jun-13	-2.38E+00	2.00E+00	No
TB-2 Outfall at Road 1A	Cs-137	1-Jul-13	1.52E+00	1.94E+00	No
TB-2 Outfall at Road 1A	Cs-137	5-Aug-13	-4.24E+00	2.66E+00	No
TB-2 Outfall at Road 1A	Cs-137	3-Sep-13	-4.30E-01	2.41E+00	No
TB-2 Outfall at Road 1A	Cs-137	7-Oct-13	-4.43E+00	2.21E+00	No
TB-2 Outfall at Road 1A	Cs-137	4-Nov-13	2.51E+00	2.41E+00	No
TB-2 Outfall at Road 1A	Cs-137	2-Dec-13	-1.46E+00	1.89E+00	No
TB-2 Outfall at Road 1A	Cs-137	6-Jan-14	1.62E+00	2.28E+00	No
TB-3 M-Area Effluent at Road D	Cs-137	4-Feb-13	1.40E+00	2.23E+00	No
U3R-2A ETF Outfall at Road C	Cs-137	7-Jan-13	1.53E+01	3.78E+00	Yes
U3R-2A ETF Outfall at Road C	Cs-137	22-Jan-13	1.18E+01	3.00E+00	Yes
U3R-2A ETF Outfall at Road C	Cs-137	4-Feb-13	1.04E+01	3.40E+00	Yes
U3R-2A ETF Outfall at Road C	Cs-137	11-Feb-13	5.68E+00	2.47E+00	No
U3R-2A ETF Outfall at Road C	Cs-137	19-Feb-13	4.70E+00	2.89E+00	No
U3R-2A ETF Outfall at Road C	Cs-137	25-Feb-13	3.19E+00	2.90E+00	No
U3R-2A ETF Outfall at Road C	Cs-137	4-Mar-13	6.49E+00	3.92E+00	No
U3R-2A ETF Outfall at Road C	Cs-137	11-Mar-13	6.41E+00	4.01E+00	No
U3R-2A ETF Outfall at Road C	Cs-137	18-Mar-13	1.18E+01	2.80E+00	Yes
U3R-2A ETF Outfall at Road C	Cs-137	25-Mar-13	9.05E+00	2.55E+00	No
U3R-2A ETF Outfall at Road C	Cs-137	1-Apr-13	7.81E+00	2.60E+00	No
U3R-2A ETF Outfall at Road C	Cs-137	8-Apr-13	1.01E+01	4.14E+00	No
U3R-2A ETF Outfall at Road C	Cs-137	15-Apr-13	7.86E+00	3.22E+00	No
U3R-2A ETF Outfall at Road C	Cs-137	22-Apr-13	1.93E+01	4.05E+00	Yes

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
U3R-2A ETF Outfall at Road C	Cs-137	6-May-13	3.22E+01	5.45E+00	Yes
U3R-2A ETF Outfall at Road C	Cs-137	13-May-13	2.89E+01	4.94E+00	Yes
U3R-2A ETF Outfall at Road C	Cs-137	20-May-13	3.16E+01	5.82E+00	Yes
U3R-2A ETF Outfall at Road C	Cs-137	24-Jun-13	2.81E+01	5.19E+00	Yes
U3R-2A ETF Outfall at Road C	Cs-137	1-Jul-13	4.92E+01	5.78E+00	Yes
U3R-2A ETF Outfall at Road C	Cs-137	8-Jul-13	2.49E+03	2.50E+02	Yes
U3R-2A ETF Outfall at Road C	Cs-137	15-Jul-13	5.51E+02	5.08E+01	Yes
U3R-2A ETF Outfall at Road C	Cs-137	22-Jul-13	4.62E+02	4.29E+01	Yes
U3R-2A ETF Outfall at Road C	Cs-137	29-Jul-13	3.27E+02	3.07E+01	Yes
U3R-2A ETF Outfall at Road C	Cs-137	5-Aug-13	3.03E+02	1.97E+01	Yes
U3R-2A ETF Outfall at Road C	Cs-137	12-Aug-13	1.44E+02	1.10E+01	Yes
U3R-2A ETF Outfall at Road C	Cs-137	19-Aug-13	2.86E+01	6.53E+00	Yes
U3R-2A ETF Outfall at Road C	Cs-137	26-Aug-13	9.68E+00	2.70E+00	Yes
U3R-2A ETF Outfall at Road C	Cs-137	3-Sep-13	9.08E+00	2.85E+00	Yes
U3R-2A ETF Outfall at Road C	Cs-137	9-Sep-13	6.03E+00	2.61E+00	No
U3R-2A ETF Outfall at Road C	Cs-137	16-Sep-13	4.32E+00	2.76E+00	No
U3R-2A ETF Outfall at Road C	Cs-137	23-Sep-13	-2.46E+00	2.60E+00	No
U3R-2A ETF Outfall at Road C	Cs-137	1-Oct-13	7.49E-01	1.98E+00	No
U3R-2A ETF Outfall at Road C	Cs-137	14-Oct-13	3.62E-01	2.02E+00	No
U3R-2A ETF Outfall at Road C	Cs-137	9-Dec-13	1.51E+00	2.22E+00	No
U3R-2A ETF Outfall at Road C	Cs-137	23-Dec-13	7.19E-01	2.61E+00	No
U3R-2A ETF Outfall at Road C	Cs-137	30-Dec-13	2.20E+00	2.38E+00	No
Z-01 Outfall	Cs-137	13-Feb-13	2.11E+03	2.12E+02	Yes
Z-01 Outfall	Cs-137	26-Feb-13	4.19E+03	2.43E+02	Yes
Z-01 Outfall	Cs-137	7-May-13	8.11E+02	5.62E+01	Yes
Z-01 Outfall	Cs-137	10-Jun-13	5.70E+02	5.58E+01	Yes
Z-01 Outfall	Cs-137	10-Jun-13	9.62E+02	9.32E+01	Yes
Z-01 Outfall	Cs-137	17-Jun-13	5.81E+02	5.32E+01	Yes
Z-01 Outfall	Cs-137	10-Jul-13	3.00E+02	3.13E+01	Yes
Miscellaneous					
HP-52 H-Area Tank Farm	Cs-137	5-Feb-13	-3.81E+00	2.16E+00	No
HP-52 H-Area Tank Farm	Cs-137	5-Mar-13	-3.97E-01	2.13E+00	No
HP-52 H-Area Tank Farm	Cs-137	2-Apr-13	2.97E+00	2.15E+00	No
HP-52 H-Area Tank Farm	Cs-137	7-May-13	7.11E-01	2.40E+00	No
HP-52 H-Area Tank Farm	Cs-137	4-Jun-13	4.51E+00	2.14E+00	No
HP-52 H-Area Tank Farm	Cs-137	2-Jul-13	6.46E+00	2.35E+00	No
HP-52 H-Area Tank Farm	Cs-137	6-Aug-13	2.58E+00	2.35E+00	No
HP-52 H-Area Tank Farm	Cs-137	3-Sep-13	3.49E+00	2.09E+00	No
HP-52 H-Area Tank Farm	Cs-137	3-Dec-13	1.82E+00	2.29E+00	No
Onsite					
F-012 281-8F Retention Basin	Sr-89/90	17-Feb-13	5.76E+00	1.01E+00	Yes
F-012 281-8F Retention Basin	Sr-89/90	1-Mar-13	6.30E+00	1.03E+00	Yes
F-012 281-8F Retention Basin	Sr-89/90	28-Mar-13	5.22E+00	1.13E+00	Yes
F-012 281-8F Retention Basin	Sr-89/90	5-May-13	4.65E+00	1.15E+00	Yes
F-012 281-8F Retention Basin	Sr-89/90	16-Jun-13	2.31E+00	8.84E-01	No
F-012 281-8F Retention Basin	Sr-89/90	26-Jun-13	5.38E+00	1.01E+00	Yes
F-012 281-8F Retention Basin	Sr-89/90	13-Jul-13	3.00E+00	1.21E+00	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
F-012 281-8F Retention Basin	Sr-89/90	29-Jul-13	2.08E+00	1.09E+00	No
F-012 281-8F Retention Basin	Sr-89/90	7-Aug-13	2.38E+00	1.17E+00	No
F-012 281-8F Retention Basin	Sr-89/90	23-Aug-13	3.16E+00	1.02E+00	Yes
F-012 281-8F Retention Basin	Sr-89/90	13-Dec-13	1.08E+01	1.76E+00	Yes
F-012 281-8F Retention Basin	Sr-89/90	1-Jan-14	7.95E+00	1.54E+00	Yes
F-013 200-F Cooling Basin	Sr-89/90	5-Mar-13	1.24E+00	6.81E-01	No
F-013 200-F Cooling Basin	Sr-89/90	9-May-13	7.51E-01	7.63E-01	No
F-013 200-F Cooling Basin	Sr-89/90	12-Jun-13	-1.45E+00	5.52E-01	No
F-013 200-F Cooling Basin	Sr-89/90	29-Jul-13	1.52E+00	1.03E+00	No
F-013 200-F Cooling Basin	Sr-89/90	7-Aug-13	2.36E+00	1.06E+00	No
F-013 200-F Cooling Basin	Sr-89/90	22-Aug-13	1.22E+00	8.63E-01	No
F-013 200-F Cooling Basin	Sr-89/90	3-Sep-13	2.65E+00	9.56E-01	Yes
F-013 200-F Cooling Basin	Sr-89/90	9-Sep-13	2.56E+00	9.44E-01	No
F-013 200-F Cooling Basin	Sr-89/90	21-Oct-13	1.24E+00	9.93E-01	No
F-013 200-F Cooling Basin	Sr-89/90	17-Dec-13	2.86E-01	9.28E-01	No
F-05	Sr-89/90	4-Feb-13	1.91E+00	3.92E-01	Yes
F-05	Sr-89/90	4-Mar-13	1.03E+00	1.88E-01	Yes
F-05	Sr-89/90	1-Apr-13	4.46E+00	4.47E-01	Yes
F-05	Sr-89/90	6-May-13	1.20E+01	8.63E-01	Yes
F-05	Sr-89/90	3-Jun-13	1.42E+01	9.21E-01	Yes
F-05	Sr-89/90	1-Jul-13	1.97E+00	2.67E-01	Yes
F-05	Sr-89/90	5-Aug-13	3.43E+00	4.30E-01	Yes
F-05	Sr-89/90	3-Sep-13	6.86E+00	5.88E-01	Yes
F-05	Sr-89/90	2-Dec-13	2.46E-01	2.40E-01	No
F-05	Sr-89/90	6-Jan-14	2.43E+00	3.67E-01	Yes
FM-1C H-Area Effluent	Sr-89/90	4-Feb-13	4.22E-01	1.52E-01	Yes
FM-1C H-Area Effluent	Sr-89/90	4-Mar-13	5.65E-01	1.54E-01	Yes
FM-1C H-Area Effluent	Sr-89/90	1-Apr-13	7.62E-01	2.15E-01	Yes
FM-1C H-Area Effluent	Sr-89/90	6-May-13	1.09E+00	2.41E-01	Yes
FM-1C H-Area Effluent	Sr-89/90	3-Jun-13	7.08E-01	1.83E-01	Yes
FM-1C H-Area Effluent	Sr-89/90	1-Jul-13	4.89E-01	1.66E-01	Yes
FM-1C H-Area Effluent	Sr-89/90	5-Aug-13	2.73E-01	2.06E-01	No
FM-1C H-Area Effluent	Sr-89/90	3-Sep-13	9.70E-01	2.23E-01	Yes
FM-1C H-Area Effluent	Sr-89/90	7-Oct-13	8.76E-01	2.52E-01	Yes
FM-1C H-Area Effluent	Sr-89/90	4-Nov-13	3.16E-01	1.91E-01	No
FM-1C H-Area Effluent	Sr-89/90	2-Dec-13	6.14E-01	2.81E-01	No
FM-1C H-Area Effluent	Sr-89/90	6-Jan-14	3.68E-01	2.14E-01	No
FM-3 F-Area Effluent	Sr-89/90	4-Feb-13	5.95E-02	1.36E-01	No
FM-3 F-Area Effluent	Sr-89/90	4-Mar-13	3.03E-01	1.32E-01	No
FM-3 F-Area Effluent	Sr-89/90	1-Apr-13	3.62E-01	1.77E-01	No
FM-3 F-Area Effluent	Sr-89/90	6-May-13	1.51E-01	1.71E-01	No
FM-3 F-Area Effluent	Sr-89/90	3-Jun-13	3.65E-01	1.59E-01	No
FM-3 F-Area Effluent	Sr-89/90	1-Jul-13	4.05E-01	1.60E-01	No
FM-3 F-Area Effluent	Sr-89/90	5-Aug-13	5.97E-01	2.36E-01	No
FM-3 F-Area Effluent	Sr-89/90	3-Sep-13	3.92E-01	1.80E-01	No
FM-3 F-Area Effluent	Sr-89/90	7-Oct-13	-1.17E-01	1.67E-01	No
FM-3 F-Area Effluent	Sr-89/90	4-Nov-13	1.31E-01	1.75E-01	No
FM-3 F-Area Effluent	Sr-89/90	2-Dec-13	-6.14E-02	2.19E-01	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
FM-3 F-Area Effluent	Sr-89/90	6-Jan-14	5.22E-01	2.34E-01	No
H-004	Sr-89/90	4-Feb-13	-1.71E-01	6.03E-01	No
H-004	Sr-89/90	4-Mar-13	-6.97E-02	6.23E-01	No
H-004	Sr-89/90	1-Apr-13	2.65E-01	5.60E-01	No
H-004	Sr-89/90	6-May-13	-6.16E-01	5.02E-01	No
H-004	Sr-89/90	3-Jun-13	4.86E-01	5.98E-01	No
H-004	Sr-89/90	1-Jul-13	8.89E-02	5.95E-01	No
H-004	Sr-89/90	5-Aug-13	-2.21E+00	9.04E-01	No
H-004	Sr-89/90	3-Sep-13	6.00E-01	7.24E-01	No
H-004	Sr-89/90	7-Oct-13	-3.27E-01	8.04E-01	No
H-004	Sr-89/90	2-Dec-13	7.49E-01	1.08E+00	No
H-004	Sr-89/90	6-Jan-14	2.89E-01	9.63E-01	No
H-017 281-8H Retention Basin	Sr-89/90	26-Jan-13	1.28E+00	6.85E-01	No
H-017 281-8H Retention Basin	Sr-89/90	17-Feb-13	3.41E+00	8.88E-01	Yes
H-017 281-8H Retention Basin	Sr-89/90	27-Feb-13	3.59E+00	8.34E-01	Yes
H-017 281-8H Retention Basin	Sr-89/90	21-Mar-13	3.65E+00	8.19E-01	Yes
H-017 281-8H Retention Basin	Sr-89/90	27-Mar-13	3.43E+00	1.04E+00	Yes
H-017 281-8H Retention Basin	Sr-89/90	5-Apr-13	5.08E+00	1.15E+00	Yes
H-017 281-8H Retention Basin	Sr-89/90	17-Apr-13	3.59E+00	1.14E+00	Yes
H-017 281-8H Retention Basin	Sr-89/90	3-May-13	2.97E+00	1.01E+00	Yes
H-017 281-8H Retention Basin	Sr-89/90	11-May-13	2.81E+00	7.43E-01	Yes
H-017 281-8H Retention Basin	Sr-89/90	15-Jun-13	2.92E+00	9.32E-01	Yes
H-017 281-8H Retention Basin	Sr-89/90	26-Jun-13	6.27E+00	1.13E+00	Yes
H-017 281-8H Retention Basin	Sr-89/90	6-Jul-13	4.54E+00	9.78E-01	Yes
H-017 281-8H Retention Basin	Sr-89/90	18-Jul-13	9.03E+00	1.60E+00	Yes
H-017 281-8H Retention Basin	Sr-89/90	27-Jul-13	5.49E+00	1.36E+00	Yes
H-017 281-8H Retention Basin	Sr-89/90	7-Aug-13	9.19E+00	1.57E+00	Yes
H-017 281-8H Retention Basin	Sr-89/90	17-Aug-13	7.41E+01	5.09E+00	Yes
H-017 281-8H Retention Basin	Sr-89/90	20-Aug-13	2.67E+01	2.62E+00	Yes
H-017 281-8H Retention Basin	Sr-89/90	19-Sep-13	3.00E+01	2.89E+00	Yes
H-017 281-8H Retention Basin	Sr-89/90	9-Oct-13	1.76E+01	2.00E+00	Yes
H-017 281-8H Retention Basin	Sr-89/90	5-Nov-13	1.81E+01	2.01E+00	Yes
H-017 281-8H Retention Basin	Sr-89/90	6-Dec-13	1.31E+01	2.16E+00	Yes
HP-15 Tritium Facility Outfall	Sr-89/90	4-Feb-13	-8.70E-02	1.14E-01	No
HP-15 Tritium Facility Outfall	Sr-89/90	4-Mar-13	3.70E-01	1.50E-01	No
HP-15 Tritium Facility Outfall	Sr-89/90	1-Apr-13	-6.54E-03	1.09E-01	No
HP-15 Tritium Facility Outfall	Sr-89/90	6-May-13	-1.77E-01	9.74E-02	No
HP-15 Tritium Facility Outfall	Sr-89/90	3-Jun-13	-1.31E-02	1.05E-01	No
HP-15 Tritium Facility Outfall	Sr-89/90	1-Jul-13	1.19E-01	1.36E-01	No
HP-15 Tritium Facility Outfall	Sr-89/90	5-Aug-13	-1.10E-02	1.30E-01	No
HP-15 Tritium Facility Outfall	Sr-89/90	3-Sep-13	3.03E-01	1.59E-01	No
HP-15 Tritium Facility Outfall	Sr-89/90	7-Oct-13	5.57E-01	2.09E-01	No
HP-15 Tritium Facility Outfall	Sr-89/90	4-Nov-13	-4.95E-02	1.82E-01	No
HP-15 Tritium Facility Outfall	Sr-89/90	2-Dec-13	1.94E-01	2.12E-01	No
HP-15 Tritium Facility Outfall	Sr-89/90	6-Jan-14	4.11E-01	2.22E-01	No
K Canal	Sr-89/90	4-Feb-13	2.73E-02	1.26E-01	No
K Canal	Sr-89/90	4-Mar-13	1.32E-01	1.37E-01	No
K Canal	Sr-89/90	1-Apr-13	-8.62E-02	1.05E-01	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
K Canal	Sr-89/90	6-May-13	1.69E-01	1.25E-01	No
K Canal	Sr-89/90	3-Jun-13	2.02E-01	1.29E-01	No
K Canal	Sr-89/90	1-Jul-13	7.73E-02	1.26E-01	No
K Canal	Sr-89/90	5-Aug-13	8.22E-02	2.18E-01	No
K Canal	Sr-89/90	3-Sep-13	2.59E-01	1.57E-01	No
K Canal	Sr-89/90	7-Oct-13	3.43E-01	1.94E-01	No
K Canal	Sr-89/90	4-Nov-13	4.27E-02	1.83E-01	No
K Canal	Sr-89/90	2-Dec-13	2.60E-02	1.92E-01	No
K Canal	Sr-89/90	6-Jan-14	-1.19E-01	1.83E-01	No
L-07	Sr-89/90	4-Feb-13	1.56E-01	1.41E-01	No
L-07	Sr-89/90	4-Mar-13	1.76E-01	1.28E-01	No
L-07	Sr-89/90	1-Apr-13	-8.62E-02	1.05E-01	No
L-07	Sr-89/90	6-May-13	-1.80E-02	1.12E-01	No
L-07	Sr-89/90	3-Jun-13	1.88E-01	1.26E-01	No
L-07	Sr-89/90	1-Jul-13	-1.38E-01	1.06E-01	No
L-07	Sr-89/90	5-Aug-13	-5.00E-02	1.97E-01	No
L-07	Sr-89/90	3-Sep-13	2.02E-01	1.52E-01	No
L-07	Sr-89/90	7-Oct-13	3.86E-01	2.04E-01	No
L-07	Sr-89/90	4-Nov-13	-5.51E-02	1.85E-01	No
L-07	Sr-89/90	2-Dec-13	-2.30E-01	1.84E-01	No
L-07	Sr-89/90	6-Jan-14	2.07E-01	2.10E-01	No
S-004	Sr-89/90	4-Feb-13	9.49E-02	6.30E-01	No
S-004	Sr-89/90	4-Mar-13	2.69E-01	6.07E-01	No
S-004	Sr-89/90	1-Apr-13	8.54E-01	6.01E-01	No
S-004	Sr-89/90	6-May-13	-2.92E-01	5.20E-01	No
S-004	Sr-89/90	3-Jun-13	1.41E-01	5.39E-01	No
S-004	Sr-89/90	1-Jul-13	1.70E+00	7.42E-01	No
S-004	Sr-89/90	5-Aug-13	1.23E+00	1.17E+00	No
S-004	Sr-89/90	3-Sep-13	1.47E+00	8.03E-01	No
S-004	Sr-89/90	7-Oct-13	-1.39E-02	8.46E-01	No
S-004	Sr-89/90	4-Nov-13	2.92E-01	9.36E-01	No
S-004	Sr-89/90	2-Dec-13	1.32E+00	1.10E+00	No
S-004	Sr-89/90	6-Jan-14	-8.57E-01	9.28E-01	No
TB-3 M-Area Effluent at Road D	Sr-89/90	4-Feb-13	6.73E-01	7.23E-01	No
U3R-2A ETF Outfall at Road C	Sr-89/90	7-Jan-13	9.86E-02	5.22E-01	No
U3R-2A ETF Outfall at Road C	Sr-89/90	22-Jan-13	-3.32E-01	4.92E-01	No
U3R-2A ETF Outfall at Road C	Sr-89/90	4-Feb-13	-9.11E-01	4.26E-01	No
U3R-2A ETF Outfall at Road C	Sr-89/90	11-Feb-13	2.19E-01	5.27E-01	No
U3R-2A ETF Outfall at Road C	Sr-89/90	19-Feb-13	-3.95E-01	4.57E-01	No
U3R-2A ETF Outfall at Road C	Sr-89/90	25-Feb-13	-6.03E-01	4.56E-01	No
U3R-2A ETF Outfall at Road C	Sr-89/90	4-Mar-13	1.18E-01	4.75E-01	No
U3R-2A ETF Outfall at Road C	Sr-89/90	11-Mar-13	-7.95E-01	3.96E-01	No
U3R-2A ETF Outfall at Road C	Sr-89/90	18-Mar-13	-9.24E-02	4.47E-01	No
U3R-2A ETF Outfall at Road C	Sr-89/90	25-Mar-13	-4.41E-01	5.69E-01	No
U3R-2A ETF Outfall at Road C	Sr-89/90	1-Apr-13	8.30E-01	6.53E-01	No
U3R-2A ETF Outfall at Road C	Sr-89/90	8-Apr-13	-2.01E-03	5.71E-01	No
U3R-2A ETF Outfall at Road C	Sr-89/90	15-Apr-13	-1.65E-01	5.94E-01	No
U3R-2A ETF Outfall at Road C	Sr-89/90	22-Apr-13	1.58E-01	6.06E-01	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
U3R-2A ETF Outfall at Road C	Sr-89/90	6-May-13	4.68E-01	6.50E-01	No
U3R-2A ETF Outfall at Road C	Sr-89/90	13-May-13	4.00E-01	4.66E-01	No
U3R-2A ETF Outfall at Road C	Sr-89/90	20-May-13	1.21E+00	6.22E-01	No
U3R-2A ETF Outfall at Road C	Sr-89/90	24-Jun-13	-1.33E-01	5.23E-01	No
U3R-2A ETF Outfall at Road C	Sr-89/90	1-Jul-13	3.54E-01	5.73E-01	No
U3R-2A ETF Outfall at Road C	Sr-89/90	8-Jul-13	5.05E-01	7.33E-01	No
U3R-2A ETF Outfall at Road C	Sr-89/90	15-Jul-13	4.35E-01	7.99E-01	No
U3R-2A ETF Outfall at Road C	Sr-89/90	22-Jul-13	-1.21E+00	6.29E-01	No
U3R-2A ETF Outfall at Road C	Sr-89/90	29-Jul-13	-7.51E-01	6.59E-01	No
U3R-2A ETF Outfall at Road C	Sr-89/90	5-Aug-13	-2.18E-01	6.77E-01	No
U3R-2A ETF Outfall at Road C	Sr-89/90	12-Aug-13	-2.84E-01	7.12E-01	No
U3R-2A ETF Outfall at Road C	Sr-89/90	19-Aug-13	1.88E+00	9.32E-01	No
U3R-2A ETF Outfall at Road C	Sr-89/90	26-Aug-13	1.31E+00	7.15E-01	No
U3R-2A ETF Outfall at Road C	Sr-89/90	3-Sep-13	6.32E-01	6.68E-01	No
U3R-2A ETF Outfall at Road C	Sr-89/90	9-Sep-13	6.92E-01	6.68E-01	No
U3R-2A ETF Outfall at Road C	Sr-89/90	16-Sep-13	1.85E+00	8.84E-01	No
U3R-2A ETF Outfall at Road C	Sr-89/90	23-Sep-13	1.35E+00	8.67E-01	No
U3R-2A ETF Outfall at Road C	Sr-89/90	1-Oct-13	4.59E-01	7.84E-01	No
U3R-2A ETF Outfall at Road C	Sr-89/90	14-Oct-13	8.62E-01	7.71E-01	No
U3R-2A ETF Outfall at Road C	Sr-89/90	9-Dec-13	1.04E+00	8.12E-01	No
U3R-2A ETF Outfall at Road C	Sr-89/90	23-Dec-13	-5.22E-01	7.01E-01	No
U3R-2A ETF Outfall at Road C	Sr-89/90	30-Dec-13	4.51E-02	7.65E-01	No

Miscellaneous

HP-52 H-Area Tank Farm	Sr-89/90	5-Feb-13	1.03E-01	1.41E-01	No
HP-52 H-Area Tank Farm	Sr-89/90	5-Mar-13	1.92E-01	1.27E-01	No
HP-52 H-Area Tank Farm	Sr-89/90	2-Apr-13	7.81E-02	1.24E-01	No
HP-52 H-Area Tank Farm	Sr-89/90	7-May-13	6.78E-02	1.21E-01	No
HP-52 H-Area Tank Farm	Sr-89/90	4-Jun-13	6.54E-02	1.38E-01	No
HP-52 H-Area Tank Farm	Sr-89/90	2-Jul-13	7.65E-01	2.11E-01	Yes
HP-52 H-Area Tank Farm	Sr-89/90	6-Aug-13	2.06E-01	1.48E-01	No
HP-52 H-Area Tank Farm	Sr-89/90	3-Sep-13	9.41E-01	2.89E-01	Yes
HP-52 H-Area Tank Farm	Sr-89/90	3-Dec-13	5.70E-01	2.34E-01	No

Onsite

F-012 281-8F Retention Basin	I-129	17-Feb-13	2.12E-01	3.78E-01	No
F-012 281-8F Retention Basin	I-129	1-Mar-13	2.76E-01	4.10E-01	No
F-012 281-8F Retention Basin	I-129	28-Mar-13	1.67E-01	2.63E-01	No
F-012 281-8F Retention Basin	I-129	5-May-13	-7.49E-02	2.64E-01	No
F-012 281-8F Retention Basin	I-129	16-Jun-13	-3.65E-01	2.41E-01	No
F-012 281-8F Retention Basin	I-129	26-Jun-13	5.41E-01	2.51E-01	No
F-012 281-8F Retention Basin	I-129	13-Jul-13	2.34E-01	3.11E-01	No
F-012 281-8F Retention Basin	I-129	29-Jul-13	-2.33E-01	2.44E-01	No
F-012 281-8F Retention Basin	I-129	7-Aug-13	-4.05E-01	3.63E-01	No
F-012 281-8F Retention Basin	I-129	23-Aug-13	2.84E-01	2.48E-01	No
F-012 281-8F Retention Basin	I-129	13-Dec-13	2.76E-01	2.52E-01	No
F-012 281-8F Retention Basin	I-129	1-Jan-14	1.06E-01	3.15E-01	No
F-013 200-F Cooling Basin	I-129	5-Mar-13	-1.17E-01	3.07E-01	No
F-013 200-F Cooling Basin	I-129	9-May-13	-5.19E-02	2.42E-01	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
F-013 200-F Cooling Basin	I-129	12-Jun-13	1.32E-01	2.96E-01	No
F-013 200-F Cooling Basin	I-129	29-Jul-13	8.05E-01	3.86E-01	No
F-013 200-F Cooling Basin	I-129	7-Aug-13	6.68E-02	2.94E-01	No
F-013 200-F Cooling Basin	I-129	22-Aug-13	-3.97E-02	2.89E-01	No
F-013 200-F Cooling Basin	I-129	3-Sep-13	1.18E+00	4.05E-01	Yes
F-013 200-F Cooling Basin	I-129	9-Sep-13	-6.24E-02	2.39E-01	No
F-013 200-F Cooling Basin	I-129	21-Oct-13	-1.79E-01	2.54E-01	No
F-013 200-F Cooling Basin	I-129	17-Dec-13	4.81E-02	2.92E-01	No
F-05	I-129	4-Feb-13	8.19E+00	8.20E+00	No
F-05	I-129	4-Mar-13	-9.76E-01	4.89E+00	No
F-05	I-129	1-Apr-13	3.35E+00	4.35E+00	No
F-05	I-129	6-May-13	4.57E-01	2.85E-01	No
F-05	I-129	3-Jun-13	1.20E-01	5.03E-01	No
F-05	I-129	1-Jul-13	2.84E+00	5.01E-01	Yes
F-05	I-129	5-Aug-13	2.73E-02	2.48E-01	No
F-05	I-129	3-Sep-13	8.43E-02	2.66E-01	No
F-05	I-129	2-Dec-13	4.22E-01	2.86E-01	No
F-05	I-129	6-Jan-14	3.51E-01	2.41E-01	No
FM-3 F-Area Effluent	I-129	4-Feb-13	3.86E-01	3.17E-01	No
FM-3 F-Area Effluent	I-129	4-Mar-13	1.27E+00	5.53E-01	No
FM-3 F-Area Effluent	I-129	1-Apr-13	-8.78E-02	2.51E-01	No
FM-3 F-Area Effluent	I-129	6-May-13	-1.91E-01	2.39E-01	No
FM-3 F-Area Effluent	I-129	3-Jun-13	-1.46E-01	3.71E-01	No
FM-3 F-Area Effluent	I-129	1-Jul-13	-4.49E-02	2.50E-01	No
FM-3 F-Area Effluent	I-129	5-Aug-13	1.01E+00	5.60E-01	No
FM-3 F-Area Effluent	I-129	3-Sep-13	5.97E-01	2.44E-01	No
FM-3 F-Area Effluent	I-129	7-Oct-13	6.16E-01	3.53E-01	No
FM-3 F-Area Effluent	I-129	4-Nov-13	4.59E-01	2.43E-01	No
FM-3 F-Area Effluent	I-129	2-Dec-13	-6.54E-02	2.43E-01	No
FM-3 F-Area Effluent	I-129	6-Jan-14	2.05E-01	2.45E-01	No
H-017 281-8H Retention Basin	I-129	26-Jan-13	3.89E-01	2.77E-01	No
H-017 281-8H Retention Basin	I-129	17-Feb-13	7.92E-01	6.26E-01	No
H-017 281-8H Retention Basin	I-129	27-Feb-13	1.35E+00	5.56E-01	No
H-017 281-8H Retention Basin	I-129	21-Mar-13	-1.34E-01	2.63E-01	No
H-017 281-8H Retention Basin	I-129	27-Mar-13	2.04E-01	3.15E-01	No
H-017 281-8H Retention Basin	I-129	5-Apr-13	7.84E-01	3.28E-01	No
H-017 281-8H Retention Basin	I-129	17-Apr-13	-1.57E-01	2.69E-01	No
H-017 281-8H Retention Basin	I-129	3-May-13	5.54E-01	3.36E-01	No
H-017 281-8H Retention Basin	I-129	11-May-13	6.00E-01	4.12E-01	No
H-017 281-8H Retention Basin	I-129	15-Jun-13	1.88E-01	3.02E-01	No
H-017 281-8H Retention Basin	I-129	26-Jun-13	2.01E-01	2.89E-01	No
H-017 281-8H Retention Basin	I-129	6-Jul-13	8.84E-01	3.43E-01	No
H-017 281-8H Retention Basin	I-129	18-Jul-13	-5.70E-01	2.96E-01	No
H-017 281-8H Retention Basin	I-129	27-Jul-13	2.33E-01	2.39E-01	No
H-017 281-8H Retention Basin	I-129	7-Aug-13	2.73E-02	3.05E-01	No
H-017 281-8H Retention Basin	I-129	17-Aug-13	1.23E+00	5.41E-01	No
H-017 281-8H Retention Basin	I-129	20-Aug-13	1.12E+00	3.50E-01	Yes
H-017 281-8H Retention Basin	I-129	19-Sep-13	-4.54E-02	2.50E-01	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
H-017 281-8H Retention Basin	I-129	9-Oct-13	-2.40E-01	2.94E-01	No
H-017 281-8H Retention Basin	I-129	5-Nov-13	2.89E-01	2.44E-01	No
H-017 281-8H Retention Basin	I-129	6-Dec-13	4.89E-01	2.89E-01	No
Onsite					
F-012 281-8F Retention Basin	U-234	17-Feb-13	3.14E-03	1.15E-02	No
F-012 281-8F Retention Basin	U-234	1-Mar-13	3.32E-02	1.68E-02	No
F-012 281-8F Retention Basin	U-234	28-Mar-13	2.16E-02	1.73E-02	No
F-012 281-8F Retention Basin	U-234	5-May-13	4.30E-02	2.07E-02	No
F-012 281-8F Retention Basin	U-234	16-Jun-13	6.43E-02	2.54E-02	Yes
F-012 281-8F Retention Basin	U-234	26-Jun-13	2.84E-02	1.81E-02	No
F-012 281-8F Retention Basin	U-234	13-Jul-13	1.66E-02	1.17E-02	No
F-012 281-8F Retention Basin	U-234	29-Jul-13	2.81E-02	1.79E-02	No
F-012 281-8F Retention Basin	U-234	7-Aug-13	-2.26E-02	1.15E-02	No
F-012 281-8F Retention Basin	U-234	23-Aug-13	7.16E-02	2.70E-02	Yes
F-012 281-8F Retention Basin	U-234	13-Dec-13	4.24E-02	1.92E-02	Yes
F-012 281-8F Retention Basin	U-234	1-Jan-14	1.06E-02	1.25E-02	No
F-013 200-F Cooling Basin	U-234	5-Mar-13	1.35E-01	3.73E-02	Yes
F-013 200-F Cooling Basin	U-234	9-May-13	5.46E-02	2.11E-02	Yes
F-013 200-F Cooling Basin	U-234	12-Jun-13	1.39E-01	3.60E-02	Yes
F-013 200-F Cooling Basin	U-234	29-Jul-13	3.41E-02	1.71E-02	No
F-013 200-F Cooling Basin	U-234	7-Aug-13	6.05E-02	2.32E-02	Yes
F-013 200-F Cooling Basin	U-234	22-Aug-13	8.30E-02	2.96E-02	Yes
F-013 200-F Cooling Basin	U-234	3-Sep-13	8.14E-03	1.71E-02	No
F-013 200-F Cooling Basin	U-234	9-Sep-13	1.10E-01	3.29E-02	Yes
F-013 200-F Cooling Basin	U-234	21-Oct-13	1.71E-01	4.13E-02	Yes
F-013 200-F Cooling Basin	U-234	17-Dec-13	1.66E-01	3.74E-02	Yes
F-05	U-234	4-Feb-13	8.59E-02	1.97E-02	Yes
F-05	U-234	4-Mar-13	8.54E-02	1.39E-02	Yes
F-05	U-234	1-Apr-13	4.65E-02	1.01E-02	Yes
F-05	U-234	6-May-13	3.92E-02	9.13E-03	Yes
F-05	U-234	3-Jun-13	4.35E-02	9.63E-03	Yes
F-05	U-234	1-Jul-13	7.14E-02	1.27E-02	Yes
F-05	U-234	5-Aug-13	3.32E-02	8.28E-03	Yes
F-05	U-234	3-Sep-13	6.19E-02	1.15E-02	Yes
F-05	U-234	2-Dec-13	1.70E-02	5.54E-03	Yes
F-05	U-234	6-Jan-14	3.38E-02	7.75E-03	Yes
FM-1C H-Area Effluent	U-234	4-Feb-13	1.21E-02	4.78E-03	Yes
FM-1C H-Area Effluent	U-234	4-Mar-13	1.13E-02	5.17E-03	No
FM-1C H-Area Effluent	U-234	1-Apr-13	1.80E-02	6.47E-03	Yes
FM-1C H-Area Effluent	U-234	6-May-13	1.08E-02	4.57E-03	No
FM-1C H-Area Effluent	U-234	3-Jun-13	1.23E-02	4.77E-03	Yes
FM-1C H-Area Effluent	U-234	1-Jul-13	9.43E-03	4.31E-03	Yes
FM-1C H-Area Effluent	U-234	5-Aug-13	2.30E-02	6.84E-03	No
FM-1C H-Area Effluent	U-234	3-Sep-13	5.08E-03	4.36E-03	No
FM-1C H-Area Effluent	U-234	7-Oct-13	3.70E-03	3.01E-03	No
FM-1C H-Area Effluent	U-234	4-Nov-13	9.11E-03	4.54E-03	No
FM-1C H-Area Effluent	U-234	2-Dec-13	6.97E-03	3.54E-03	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
FM-1C H-Area Effluent	U-234	6-Jan-14	6.89E-03	3.46E-03	No
FM-3 F-Area Effluent	U-234	4-Feb-13	3.78E-02	8.96E-03	Yes
FM-3 F-Area Effluent	U-234	4-Mar-13	1.22E-01	1.70E-02	Yes
FM-3 F-Area Effluent	U-234	1-Apr-13	1.83E-01	2.27E-02	Yes
FM-3 F-Area Effluent	U-234	6-May-13	1.06E-01	1.67E-02	Yes
FM-3 F-Area Effluent	U-234	3-Jun-13	8.70E-02	1.46E-02	Yes
FM-3 F-Area Effluent	U-234	1-Jul-13	3.03E-01	3.17E-02	Yes
FM-3 F-Area Effluent	U-234	5-Aug-13	1.31E-01	1.79E-02	Yes
FM-3 F-Area Effluent	U-234	3-Sep-13	1.62E-01	2.08E-02	Yes
FM-3 F-Area Effluent	U-234	7-Oct-13	5.03E-02	1.03E-02	Yes
FM-3 F-Area Effluent	U-234	4-Nov-13	7.24E-02	1.25E-02	Yes
FM-3 F-Area Effluent	U-234	2-Dec-13	4.03E-02	8.72E-03	Yes
FM-3 F-Area Effluent	U-234	6-Jan-14	9.38E-02	1.40E-02	Yes
H-004	U-234	4-Feb-13	2.37E-01	4.80E-02	Yes
H-004	U-234	4-Mar-13	2.32E-01	4.72E-02	Yes
H-004	U-234	1-Apr-13	2.43E-01	5.09E-02	Yes
H-004	U-234	6-May-13	1.65E-01	4.03E-02	Yes
H-004	U-234	3-Jun-13	1.47E-01	3.77E-02	Yes
H-004	U-234	1-Jul-13	2.53E-01	5.02E-02	Yes
H-004	U-234	5-Aug-13	1.68E-01	4.13E-02	Yes
H-004	U-234	3-Sep-13	7.38E-02	2.62E-02	Yes
H-004	U-234	7-Oct-13	1.38E-01	3.41E-02	Yes
H-004	U-234	2-Dec-13	2.97E-01	5.43E-02	Yes
H-004	U-234	6-Jan-14	1.29E-01	3.34E-02	Yes
H-017 281-8H Retention Basin	U-234	26-Jan-13	6.24E-02	2.52E-02	Yes
H-017 281-8H Retention Basin	U-234	17-Feb-13	1.52E-02	1.80E-02	No
H-017 281-8H Retention Basin	U-234	27-Feb-13	2.41E-02	1.40E-02	No
H-017 281-8H Retention Basin	U-234	21-Mar-13	3.11E-02	2.12E-02	No
H-017 281-8H Retention Basin	U-234	27-Mar-13	6.43E-02	2.48E-02	No
H-017 281-8H Retention Basin	U-234	5-Apr-13	2.64E-02	1.54E-02	No
H-017 281-8H Retention Basin	U-234	17-Apr-13	7.00E-02	2.64E-02	Yes
H-017 281-8H Retention Basin	U-234	3-May-13	1.04E-02	1.24E-02	No
H-017 281-8H Retention Basin	U-234	11-May-13	6.03E-03	1.55E-02	No
H-017 281-8H Retention Basin	U-234	15-Jun-13	2.58E-02	2.20E-02	No
H-017 281-8H Retention Basin	U-234	26-Jun-13	5.73E-02	2.38E-02	Yes
H-017 281-8H Retention Basin	U-234	6-Jul-13	3.57E-02	1.81E-02	No
H-017 281-8H Retention Basin	U-234	18-Jul-13	2.35E-02	1.95E-02	No
H-017 281-8H Retention Basin	U-234	27-Jul-13	1.45E-02	1.70E-02	No
H-017 281-8H Retention Basin	U-234	7-Aug-13	3.30E-02	1.66E-02	No
H-017 281-8H Retention Basin	U-234	17-Aug-13	4.32E-02	1.98E-02	Yes
H-017 281-8H Retention Basin	U-234	20-Aug-13	3.46E-02	1.76E-02	No
H-017 281-8H Retention Basin	U-234	19-Sep-13	8.95E-02	2.77E-02	Yes
H-017 281-8H Retention Basin	U-234	9-Oct-13	4.24E-02	2.05E-02	No
H-017 281-8H Retention Basin	U-234	5-Nov-13	5.49E-02	2.12E-02	Yes
H-017 281-8H Retention Basin	U-234	6-Dec-13	6.65E-02	2.77E-02	Yes
S-004	U-234	4-Feb-13	4.78E-02	2.31E-02	No
S-004	U-234	4-Mar-13	3.14E-02	1.58E-02	No
S-004	U-234	1-Apr-13	2.53E-02	1.48E-02	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
S-004	U-234	6-May-13	6.38E-02	2.49E-02	Yes
S-004	U-234	3-Jun-13	6.86E-02	2.54E-02	Yes
S-004	U-234	1-Jul-13	7.76E-02	2.65E-02	Yes
S-004	U-234	5-Aug-13	3.54E-02	1.92E-02	No
S-004	U-234	3-Sep-13	6.46E-02	2.69E-02	Yes
S-004	U-234	7-Oct-13	5.08E-02	2.11E-02	Yes
S-004	U-234	4-Nov-13	3.89E-02	1.77E-02	No
S-004	U-234	2-Dec-13	9.78E-03	1.16E-02	No
S-004	U-234	6-Jan-14	2.69E-02	1.56E-02	No
TB-2 Outfall at Road 1A	U-234	4-Feb-13	1.92E-01	2.20E-02	Yes
TB-2 Outfall at Road 1A	U-234	4-Mar-13	1.49E-01	1.89E-02	Yes
TB-2 Outfall at Road 1A	U-234	1-Apr-13	1.66E-01	2.00E-02	Yes
TB-2 Outfall at Road 1A	U-234	6-May-13	4.89E-02	1.11E-02	Yes
TB-2 Outfall at Road 1A	U-234	3-Jun-13	1.96E-02	7.15E-03	Yes
TB-2 Outfall at Road 1A	U-234	1-Jul-13	1.69E-01	2.03E-02	Yes
TB-2 Outfall at Road 1A	U-234	5-Aug-13	2.50E-01	2.74E-02	Yes
TB-2 Outfall at Road 1A	U-234	3-Sep-13	1.20E-01	1.68E-02	Yes
TB-2 Outfall at Road 1A	U-234	7-Oct-13	8.32E-02	1.39E-02	Yes
TB-2 Outfall at Road 1A	U-234	4-Nov-13	6.92E-02	1.22E-02	Yes
TB-2 Outfall at Road 1A	U-234	2-Dec-13	1.18E-01	1.64E-02	Yes
TB-2 Outfall at Road 1A	U-234	6-Jan-14	5.59E-02	1.08E-02	Yes
TB-3 M-Area Effluent at Road D	U-234	4-Feb-13	4.32E-02	2.09E-02	No
U3R-2A ETF Outfall at Road C	U-234	7-Jan-13	-7.03E-03	1.06E-02	No
U3R-2A ETF Outfall at Road C	U-234	22-Jan-13	1.47E-02	1.04E-02	No
U3R-2A ETF Outfall at Road C	U-234	4-Feb-13	1.43E-02	1.03E-02	No
U3R-2A ETF Outfall at Road C	U-234	11-Feb-13	2.41E-03	8.84E-03	No
U3R-2A ETF Outfall at Road C	U-234	19-Feb-13	-3.54E-05	5.53E-04	No
U3R-2A ETF Outfall at Road C	U-234	25-Feb-13	-4.89E-03	4.88E-03	No
U3R-2A ETF Outfall at Road C	U-234	4-Mar-13	1.49E-02	1.20E-02	No
U3R-2A ETF Outfall at Road C	U-234	11-Mar-13	-4.46E-03	6.02E+00	No
U3R-2A ETF Outfall at Road C	U-234	18-Mar-13	-2.34E-03	9.56E-03	No
U3R-2A ETF Outfall at Road C	U-234	25-Mar-13	2.97E-02	1.62E-02	No
U3R-2A ETF Outfall at Road C	U-234	1-Apr-13	9.32E-03	1.10E-02	No
U3R-2A ETF Outfall at Road C	U-234	8-Apr-13	1.56E-02	1.12E-02	No
U3R-2A ETF Outfall at Road C	U-234	15-Apr-13	1.43E-02	1.02E-02	No
U3R-2A ETF Outfall at Road C	U-234	22-Apr-13	1.78E-02	1.49E-02	No
U3R-2A ETF Outfall at Road C	U-234	6-May-13	2.61E-03	9.56E-03	No
U3R-2A ETF Outfall at Road C	U-234	13-May-13	5.14E-03	1.32E-02	No
U3R-2A ETF Outfall at Road C	U-234	20-May-13	-1.44E-05	2.27E-04	No
U3R-2A ETF Outfall at Road C	U-234	24-Jun-13	3.41E-02	1.54E-02	No
U3R-2A ETF Outfall at Road C	U-234	1-Jul-13	-1.37E-05	2.15E-04	No
U3R-2A ETF Outfall at Road C	U-234	8-Jul-13	-2.67E-03	1.10E-02	No
U3R-2A ETF Outfall at Road C	U-234	15-Jul-13	2.89E-02	1.57E-02	No
U3R-2A ETF Outfall at Road C	U-234	22-Jul-13	-2.49E-03	1.03E-02	No
U3R-2A ETF Outfall at Road C	U-234	29-Jul-13	1.25E-02	8.88E-03	No
U3R-2A ETF Outfall at Road C	U-234	5-Aug-13	7.41E-03	7.42E-03	No
U3R-2A ETF Outfall at Road C	U-234	12-Aug-13	7.30E-03	7.30E-03	No
U3R-2A ETF Outfall at Road C	U-234	19-Aug-13	2.84E-02	1.45E-02	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
U3R-2A ETF Outfall at Road C	U-234	26-Aug-13	1.51E-02	1.22E-02	No
U3R-2A ETF Outfall at Road C	U-234	3-Sep-13	-6.22E-03	9.44E-03	No
U3R-2A ETF Outfall at Road C	U-234	9-Sep-13	5.41E-02	1.96E-02	Yes
U3R-2A ETF Outfall at Road C	U-234	16-Sep-13	1.23E-02	8.80E-03	No
U3R-2A ETF Outfall at Road C	U-234	23-Sep-13	2.01E-03	7.36E-03	No
U3R-2A ETF Outfall at Road C	U-234	1-Oct-13	8.46E-03	1.00E-02	No
U3R-2A ETF Outfall at Road C	U-234	14-Oct-13	1.24E-02	8.92E-03	No
U3R-2A ETF Outfall at Road C	U-234	9-Dec-13	8.59E-03	1.01E-02	No
U3R-2A ETF Outfall at Road C	U-234	23-Dec-13	2.16E-02	1.37E-02	No
U3R-2A ETF Outfall at Road C	U-234	30-Dec-13	0.00E+00	5.73E+00	No

Miscellaneous

HP-52 H-Area Tank Farm	U-234	5-Feb-13	9.97E-03	5.06E-03	No
HP-52 H-Area Tank Farm	U-234	5-Mar-13	1.48E-02	5.06E-03	Yes
HP-52 H-Area Tank Farm	U-234	2-Apr-13	2.05E-02	6.16E-03	Yes
HP-52 H-Area Tank Farm	U-234	7-May-13	4.73E-02	9.93E-03	Yes
HP-52 H-Area Tank Farm	U-234	4-Jun-13	3.03E-02	8.31E-03	Yes
HP-52 H-Area Tank Farm	U-234	2-Jul-13	4.49E-02	9.82E-03	Yes
HP-52 H-Area Tank Farm	U-234	6-Aug-13	2.55E-02	7.34E-03	Yes
HP-52 H-Area Tank Farm	U-234	3-Sep-13	7.57E-02	1.26E-02	Yes
HP-52 H-Area Tank Farm	U-234	3-Dec-13	1.35E-02	4.95E-03	Yes

Onsite

F-012 281-8F Retention Basin	U-235	17-Feb-13	-7.95E-03	7.91E-03	No
F-012 281-8F Retention Basin	U-235	1-Mar-13	2.05E-02	1.46E-02	No
F-012 281-8F Retention Basin	U-235	28-Mar-13	-7.62E-03	7.64E-03	No
F-012 281-8F Retention Basin	U-235	5-May-13	9.86E-03	1.00E-02	No
F-012 281-8F Retention Basin	U-235	16-Jun-13	2.27E-02	1.61E-02	No
F-012 281-8F Retention Basin	U-235	26-Jun-13	3.51E-02	2.24E-02	No
F-012 281-8F Retention Basin	U-235	13-Jul-13	3.41E-03	7.69E+00	No
F-012 281-8F Retention Basin	U-235	29-Jul-13	-2.09E-02	1.22E-02	No
F-012 281-8F Retention Basin	U-235	7-Aug-13	1.04E-02	1.05E-02	No
F-012 281-8F Retention Basin	U-235	23-Aug-13	-3.59E-03	1.46E-02	No
F-012 281-8F Retention Basin	U-235	13-Dec-13	-7.00E-03	7.06E-03	No
F-012 281-8F Retention Basin	U-235	1-Jan-14	0.00E+00	6.91E+00	No
F-013 200-F Cooling Basin	U-235	5-Mar-13	0.00E+00	8.20E+00	No
F-013 200-F Cooling Basin	U-235	9-May-13	-6.43E-03	6.44E-03	No
F-013 200-F Cooling Basin	U-235	12-Jun-13	1.01E-02	1.01E-02	No
F-013 200-F Cooling Basin	U-235	29-Jul-13	1.05E-02	1.05E-02	No
F-013 200-F Cooling Basin	U-235	7-Aug-13	1.06E-02	1.07E-02	No
F-013 200-F Cooling Basin	U-235	22-Aug-13	1.09E-02	1.11E-02	No
F-013 200-F Cooling Basin	U-235	3-Sep-13	1.00E-02	1.02E-02	No
F-013 200-F Cooling Basin	U-235	9-Sep-13	1.12E-02	1.14E-02	No
F-013 200-F Cooling Basin	U-235	21-Oct-13	-6.46E-03	6.42E-03	No
F-013 200-F Cooling Basin	U-235	17-Dec-13	0.00E+00	7.01E+00	No
F-05	U-235	4-Feb-13	5.92E-03	7.23E-03	No
F-05	U-235	4-Mar-13	1.46E-03	3.74E-03	No
F-05	U-235	1-Apr-13	7.51E-04	2.73E-03	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
F-05	U-235	6-May-13	7.11E-04	2.74E-03	No
F-05	U-235	3-Jun-13	2.20E-03	2.23E-03	No
F-05	U-235	1-Jul-13	2.23E-03	2.27E-03	No
F-05	U-235	5-Aug-13	6.73E-03	3.90E-03	No
F-05	U-235	3-Sep-13	6.81E-03	4.47E-03	No
F-05	U-235	2-Dec-13	2.78E-03	3.28E-03	No
F-05	U-235	6-Jan-14	5.84E-03	3.39E-03	No
FM-1C H-Area Effluent	U-235	4-Feb-13	6.89E-04	2.94E-03	No
FM-1C H-Area Effluent	U-235	4-Mar-13	0.00E+00	1.59E+00	No
FM-1C H-Area Effluent	U-235	1-Apr-13	3.16E-03	3.74E-03	No
FM-1C H-Area Effluent	U-235	6-May-13	2.20E-03	2.42E-03	No
FM-1C H-Area Effluent	U-235	3-Jun-13	5.05E-03	4.05E-03	No
FM-1C H-Area Effluent	U-235	1-Jul-13	7.73E-04	2.82E-03	No
FM-1C H-Area Effluent	U-235	5-Aug-13	4.38E-03	3.11E-03	No
FM-1C H-Area Effluent	U-235	3-Sep-13	2.35E-03	2.50E-03	No
FM-1C H-Area Effluent	U-235	7-Oct-13	1.96E-03	1.97E-03	No
FM-1C H-Area Effluent	U-235	4-Nov-13	-8.00E-06	5.05E-04	No
FM-1C H-Area Effluent	U-235	2-Dec-13	-7.16E-04	1.60E+00	No
FM-1C H-Area Effluent	U-235	6-Jan-14	0.00E+00	1.55E+00	No
FM-3 F-Area Effluent	U-235	4-Feb-13	8.24E-03	4.58E-03	No
FM-3 F-Area Effluent	U-235	4-Mar-13	2.10E-03	2.10E-03	No
FM-3 F-Area Effluent	U-235	1-Apr-13	1.13E-02	5.15E-03	Yes
FM-3 F-Area Effluent	U-235	6-May-13	1.24E-02	5.79E-03	No
FM-3 F-Area Effluent	U-235	3-Jun-13	-7.97E-04	3.29E-03	No
FM-3 F-Area Effluent	U-235	1-Jul-13	2.42E-02	7.58E-03	Yes
FM-3 F-Area Effluent	U-235	5-Aug-13	9.08E-03	4.57E-03	No
FM-3 F-Area Effluent	U-235	3-Sep-13	1.30E-02	5.55E-03	Yes
FM-3 F-Area Effluent	U-235	7-Oct-13	2.67E-03	3.14E-03	No
FM-3 F-Area Effluent	U-235	4-Nov-13	2.68E-03	3.23E-03	No
FM-3 F-Area Effluent	U-235	2-Dec-13	2.06E-03	2.07E-03	No
FM-3 F-Area Effluent	U-235	6-Jan-14	8.05E-03	4.05E-03	No
H-004	U-235	4-Feb-13	3.49E-03	1.25E-02	No
H-004	U-235	4-Mar-13	5.03E-02	2.30E-02	Yes
H-004	U-235	1-Apr-13	-5.08E-05	6.58E-04	No
H-004	U-235	6-May-13	-7.19E-03	7.18E-03	No
H-004	U-235	3-Jun-13	4.89E-02	2.47E-02	No
H-004	U-235	1-Jul-13	3.08E-02	1.80E-02	Yes
H-004	U-235	5-Aug-13	-1.32E-02	9.36E-03	No
H-004	U-235	3-Sep-13	3.24E-03	1.17E-02	No
H-004	U-235	7-Oct-13	2.21E-02	1.77E-02	No
H-004	U-235	2-Dec-13	3.03E-02	1.76E-02	No
H-004	U-235	6-Jan-14	-6.62E-03	6.68E-03	No
H-017 281-8H Retention Basin	U-235	26-Jan-13	-1.09E-04	1.37E-03	No
H-017 281-8H Retention Basin	U-235	17-Feb-13	1.11E-02	1.15E-02	No
H-017 281-8H Retention Basin	U-235	27-Feb-13	9.89E-03	9.93E-03	No
H-017 281-8H Retention Basin	U-235	21-Mar-13	0.00E+00	6.96E+00	No
H-017 281-8H Retention Basin	U-235	27-Mar-13	3.76E-03	1.36E-02	No
H-017 281-8H Retention Basin	U-235	5-Apr-13	-7.24E-03	7.25E-03	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
H-017 281-8H Retention Basin	U-235	17-Apr-13	-6.38E-05	7.78E-04	No
H-017 281-8H Retention Basin	U-235	3-May-13	1.93E-02	1.39E-02	No
H-017 281-8H Retention Basin	U-235	11-May-13	-7.49E-03	7.51E-03	No
H-017 281-8H Retention Basin	U-235	15-Jun-13	4.00E-03	1.45E-02	No
H-017 281-8H Retention Basin	U-235	26-Jun-13	3.92E-03	1.42E-02	No
H-017 281-8H Retention Basin	U-235	6-Jul-13	-2.11E-05	2.66E-04	No
H-017 281-8H Retention Basin	U-235	18-Jul-13	3.62E-03	8.26E+00	No
H-017 281-8H Retention Basin	U-235	27-Jul-13	0.00E+00	9.67E+00	No
H-017 281-8H Retention Basin	U-235	7-Aug-13	1.35E-02	1.59E-02	No
H-017 281-8H Retention Basin	U-235	17-Aug-13	-3.57E-03	1.47E-02	No
H-017 281-8H Retention Basin	U-235	20-Aug-13	2.14E-02	1.52E-02	No
H-017 281-8H Retention Basin	U-235	19-Sep-13	-6.68E-03	6.70E-03	No
H-017 281-8H Retention Basin	U-235	9-Oct-13	9.81E-03	9.86E-03	No
H-017 281-8H Retention Basin	U-235	5-Nov-13	3.86E-02	1.96E-02	No
H-017 281-8H Retention Basin	U-235	6-Dec-13	1.07E-02	1.07E-02	No
S-004	U-235	4-Feb-13	1.11E-02	1.11E-02	No
S-004	U-235	4-Mar-13	1.92E-02	1.38E-02	No
S-004	U-235	1-Apr-13	-7.00E-03	6.95E-03	No
S-004	U-235	6-May-13	-1.50E-02	1.07E-02	No
S-004	U-235	3-Jun-13	2.06E-02	1.75E-02	No
S-004	U-235	1-Jul-13	3.54E-03	1.28E-02	No
S-004	U-235	5-Aug-13	3.32E-03	1.21E-02	No
S-004	U-235	3-Sep-13	1.38E-02	1.63E-02	No
S-004	U-235	7-Oct-13	-7.00E-03	6.99E-03	No
S-004	U-235	4-Nov-13	9.59E-03	9.67E-03	No
S-004	U-235	2-Dec-13	-2.13E-05	2.66E-04	No
S-004	U-235	6-Jan-14	3.70E-03	1.33E-02	No
TB-2 Outfall at Road 1A	U-235	4-Feb-13	1.76E-02	6.17E-03	Yes
TB-2 Outfall at Road 1A	U-235	4-Mar-13	8.00E-03	4.18E-03	No
TB-2 Outfall at Road 1A	U-235	1-Apr-13	1.40E-02	5.53E-03	Yes
TB-2 Outfall at Road 1A	U-235	6-May-13	7.24E-03	4.26E-03	No
TB-2 Outfall at Road 1A	U-235	3-Jun-13	2.09E-03	7.82E-03	No
TB-2 Outfall at Road 1A	U-235	1-Jul-13	2.65E-02	7.61E-03	Yes
TB-2 Outfall at Road 1A	U-235	5-Aug-13	3.41E-02	8.96E-03	Yes
TB-2 Outfall at Road 1A	U-235	3-Sep-13	1.04E-02	4.77E-03	Yes
TB-2 Outfall at Road 1A	U-235	7-Oct-13	1.37E-02	5.74E-03	Yes
TB-2 Outfall at Road 1A	U-235	4-Nov-13	4.92E-03	3.97E-03	No
TB-2 Outfall at Road 1A	U-235	2-Dec-13	1.00E-02	4.60E-03	Yes
TB-2 Outfall at Road 1A	U-235	6-Jan-14	5.14E-03	4.09E-03	No
TB-3 M-Area Effluent at Road D	U-235	4-Feb-13	1.00E-02	1.01E-02	No
U3R-2A ETF Outfall at Road C	U-235	7-Jan-13	-1.02E-04	1.60E-03	No
U3R-2A ETF Outfall at Road C	U-235	22-Jan-13	2.70E-02	1.59E-02	No
U3R-2A ETF Outfall at Road C	U-235	4-Feb-13	8.76E-03	9.09E-03	No
U3R-2A ETF Outfall at Road C	U-235	11-Feb-13	-8.76E-05	1.40E-03	No
U3R-2A ETF Outfall at Road C	U-235	19-Feb-13	1.55E-02	1.13E-02	No
U3R-2A ETF Outfall at Road C	U-235	25-Feb-13	2.92E-03	1.09E-02	No
U3R-2A ETF Outfall at Road C	U-235	4-Mar-13	-2.64E-03	1.09E-02	No
U3R-2A ETF Outfall at Road C	U-235	11-Mar-13	1.65E-02	1.17E-02	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
U3R-2A ETF Outfall at Road C	U-235	18-Mar-13	8.59E-03	8.59E-03	No
U3R-2A ETF Outfall at Road C	U-235	25-Mar-13	1.97E-02	1.59E-02	No
U3R-2A ETF Outfall at Road C	U-235	1-Apr-13	-8.05E-06	1.28E-04	No
U3R-2A ETF Outfall at Road C	U-235	8-Apr-13	3.22E-03	1.16E-02	No
U3R-2A ETF Outfall at Road C	U-235	15-Apr-13	8.81E-03	8.84E-03	No
U3R-2A ETF Outfall at Road C	U-235	22-Apr-13	-5.57E-03	5.54E-03	No
U3R-2A ETF Outfall at Road C	U-235	6-May-13	3.22E-03	1.18E-02	No
U3R-2A ETF Outfall at Road C	U-235	13-May-13	0.00E+00	7.00E+00	No
U3R-2A ETF Outfall at Road C	U-235	20-May-13	-5.57E-03	5.56E-03	No
U3R-2A ETF Outfall at Road C	U-235	24-Jun-13	-1.69E-05	2.68E-04	No
U3R-2A ETF Outfall at Road C	U-235	1-Jul-13	2.78E-03	1.01E-02	No
U3R-2A ETF Outfall at Road C	U-235	8-Jul-13	9.89E-03	9.89E-03	No
U3R-2A ETF Outfall at Road C	U-235	15-Jul-13	4.14E-02	1.87E-02	Yes
U3R-2A ETF Outfall at Road C	U-235	22-Jul-13	-6.14E-03	6.17E-03	No
U3R-2A ETF Outfall at Road C	U-235	29-Jul-13	2.58E-03	9.28E-03	No
U3R-2A ETF Outfall at Road C	U-235	5-Aug-13	0.00E+00	6.66E+00	No
U3R-2A ETF Outfall at Road C	U-235	12-Aug-13	0.00E+00	6.43E+00	No
U3R-2A ETF Outfall at Road C	U-235	19-Aug-13	8.78E-03	8.80E-03	No
U3R-2A ETF Outfall at Road C	U-235	26-Aug-13	-4.08E-05	6.40E-04	No
U3R-2A ETF Outfall at Road C	U-235	3-Sep-13	-4.08E-05	6.44E-04	No
U3R-2A ETF Outfall at Road C	U-235	9-Sep-13	-1.12E-02	6.46E+00	No
U3R-2A ETF Outfall at Road C	U-235	16-Sep-13	1.52E-02	1.08E-02	No
U3R-2A ETF Outfall at Road C	U-235	23-Sep-13	7.54E-03	7.56E-03	No
U3R-2A ETF Outfall at Road C	U-235	1-Oct-13	7.84E-03	7.87E-03	No
U3R-2A ETF Outfall at Road C	U-235	14-Oct-13	7.65E-03	7.74E-03	No
U3R-2A ETF Outfall at Road C	U-235	9-Dec-13	-5.30E-03	5.35E-03	No
U3R-2A ETF Outfall at Road C	U-235	23-Dec-13	-5.32E-03	5.39E-03	No
U3R-2A ETF Outfall at Road C	U-235	30-Dec-13	0.00E+00	5.73E+00	No

Miscellaneous

HP-52 H-Area Tank Farm	U-235	5-Feb-13	7.24E-04	1.54E+00	No
HP-52 H-Area Tank Farm	U-235	5-Mar-13	2.70E-03	3.21E-03	No
HP-52 H-Area Tank Farm	U-235	2-Apr-13	7.00E-04	2.54E-03	No
HP-52 H-Area Tank Farm	U-235	7-May-13	4.27E-03	3.06E-03	No
HP-52 H-Area Tank Farm	U-235	4-Jun-13	0.00E+00	1.78E+00	No
HP-52 H-Area Tank Farm	U-235	2-Jul-13	2.27E-03	2.29E-03	No
HP-52 H-Area Tank Farm	U-235	6-Aug-13	5.00E-03	4.01E-03	No
HP-52 H-Area Tank Farm	U-235	3-Sep-13	2.08E-03	2.09E-03	No
HP-52 H-Area Tank Farm	U-235	3-Dec-13	6.95E-04	2.51E-03	No

Onsite

F-012 281-8F Retention Basin	Np-237	17-Feb-13	-4.84E-05	8.01E-04	No
F-012 281-8F Retention Basin	Np-237	1-Mar-13	-9.57E-03	6.80E-03	No
F-012 281-8F Retention Basin	Np-237	28-Mar-13	0.00E+00	7.35E+00	No
F-012 281-8F Retention Basin	Np-237	5-May-13	8.51E-03	8.67E-03	No
F-012 281-8F Retention Basin	Np-237	16-Jun-13	7.92E-03	7.96E-03	No
F-012 281-8F Retention Basin	Np-237	26-Jun-13	-5.19E-03	5.16E-03	No
F-012 281-8F Retention Basin	Np-237	13-Jul-13	1.86E-02	1.33E-02	No
F-012 281-8F Retention Basin	Np-237	29-Jul-13	2.84E-03	1.03E-02	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
F-012 281-8F Retention Basin	Np-237	7-Aug-13	1.89E-02	1.35E-02	No
F-012 281-8F Retention Basin	Np-237	23-Aug-13	1.82E-02	1.29E-02	No
F-012 281-8F Retention Basin	Np-237	13-Dec-13	-6.24E-03	7.29E-03	No
F-012 281-8F Retention Basin	Np-237	1-Jan-14	-5.49E-03	6.55E-03	No
F-013 200-F Cooling Basin	Np-237	5-Mar-13	-2.92E-03	1.20E-02	No
F-013 200-F Cooling Basin	Np-237	9-May-13	-1.09E-05	1.89E-04	No
F-013 200-F Cooling Basin	Np-237	12-Jun-13	2.92E-03	1.05E-02	No
F-013 200-F Cooling Basin	Np-237	29-Jul-13	2.89E-03	1.05E-02	No
F-013 200-F Cooling Basin	Np-237	7-Aug-13	-2.84E-03	7.76E+00	No
F-013 200-F Cooling Basin	Np-237	22-Aug-13	-5.54E-03	5.63E-03	No
F-013 200-F Cooling Basin	Np-237	3-Sep-13	-5.38E-03	5.45E-03	No
F-013 200-F Cooling Basin	Np-237	9-Sep-13	0.00E+00	8.09E+00	No
F-013 200-F Cooling Basin	Np-237	21-Oct-13	1.86E-02	1.33E-02	No
F-013 200-F Cooling Basin	Np-237	17-Dec-13	0.00E+00	9.00E+00	No
F-05	Np-237	4-Feb-13	-1.94E-05	8.02E-04	No
F-05	Np-237	4-Mar-13	7.59E-03	6.10E-03	No
F-05	Np-237	1-Apr-13	-2.19E-03	3.39E-03	No
F-05	Np-237	6-May-13	-9.11E-06	7.99E-04	No
F-05	Np-237	3-Jun-13	-1.14E-03	1.14E-03	No
F-05	Np-237	1-Jul-13	-2.32E-03	1.64E-03	No
F-05	Np-237	5-Aug-13	-6.35E-04	2.61E-03	No
F-05	Np-237	3-Sep-13	3.46E-03	2.46E-03	No
F-05	Np-237	2-Dec-13	6.03E-04	3.47E-03	No
F-05	Np-237	6-Jan-14	4.43E-03	3.66E-03	No
FM-1C H-Area Effluent	Np-237	4-Feb-13	5.51E-03	3.85E-03	No
FM-1C H-Area Effluent	Np-237	4-Mar-13	1.70E-03	1.71E-03	No
FM-1C H-Area Effluent	Np-237	1-Apr-13	2.26E-03	2.66E-03	No
FM-1C H-Area Effluent	Np-237	6-May-13	3.32E-03	2.57E-03	No
FM-1C H-Area Effluent	Np-237	3-Jun-13	5.49E-04	2.00E-03	No
FM-1C H-Area Effluent	Np-237	1-Jul-13	5.65E-04	2.08E-03	No
FM-1C H-Area Effluent	Np-237	5-Aug-13	-1.20E-03	1.21E-03	No
FM-1C H-Area Effluent	Np-237	3-Sep-13	5.32E-03	1.46E+00	No
FM-1C H-Area Effluent	Np-237	7-Oct-13	3.57E-03	2.58E-03	No
FM-1C H-Area Effluent	Np-237	4-Nov-13	7.65E-03	3.50E-03	Yes
FM-1C H-Area Effluent	Np-237	2-Dec-13	4.19E-03	4.49E-03	No
FM-1C H-Area Effluent	Np-237	6-Jan-14	1.94E-03	3.62E-03	No
FM-3 F-Area Effluent	Np-237	4-Feb-13	2.06E-03	2.30E-03	No
FM-3 F-Area Effluent	Np-237	4-Mar-13	1.54E-03	1.55E-03	No
FM-3 F-Area Effluent	Np-237	1-Apr-13	1.24E-02	4.81E-03	Yes
FM-3 F-Area Effluent	Np-237	6-May-13	3.19E-03	3.93E-03	No
FM-3 F-Area Effluent	Np-237	3-Jun-13	-5.95E-04	2.45E-03	No
FM-3 F-Area Effluent	Np-237	1-Jul-13	1.67E-03	1.73E-03	No
FM-3 F-Area Effluent	Np-237	5-Aug-13	1.77E-03	1.81E-03	No
FM-3 F-Area Effluent	Np-237	3-Sep-13	3.86E-03	3.08E-03	No
FM-3 F-Area Effluent	Np-237	7-Oct-13	1.81E-03	1.85E-03	No
FM-3 F-Area Effluent	Np-237	4-Nov-13	3.32E-03	2.39E-03	No
FM-3 F-Area Effluent	Np-237	2-Dec-13	1.08E-03	3.81E-03	No
FM-3 F-Area Effluent	Np-237	6-Jan-14	5.38E-03	4.28E-03	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
H-017 281-8H Retention Basin	Np-237	26-Jan-13	-4.84E-05	7.93E-04	No
H-017 281-8H Retention Basin	Np-237	17-Feb-13	-4.84E-05	7.70E-04	No
H-017 281-8H Retention Basin	Np-237	27-Feb-13	-5.30E-03	5.31E-03	No
H-017 281-8H Retention Basin	Np-237	21-Mar-13	8.22E-03	8.27E-03	No
H-017 281-8H Retention Basin	Np-237	27-Mar-13	9.32E-03	9.36E-03	No
H-017 281-8H Retention Basin	Np-237	5-Apr-13	1.88E-02	1.34E-02	No
H-017 281-8H Retention Basin	Np-237	17-Apr-13	8.70E-03	8.88E-03	No
H-017 281-8H Retention Basin	Np-237	3-May-13	-4.57E-05	7.77E-04	No
H-017 281-8H Retention Basin	Np-237	11-May-13	-1.23E-05	2.06E-04	No
H-017 281-8H Retention Basin	Np-237	15-Jun-13	1.99E-02	1.60E-02	No
H-017 281-8H Retention Basin	Np-237	26-Jun-13	-1.23E-02	8.72E-03	No
H-017 281-8H Retention Basin	Np-237	6-Jul-13	-1.85E-05	3.06E-04	No
H-017 281-8H Retention Basin	Np-237	18-Jul-13	1.85E-02	1.32E-02	No
H-017 281-8H Retention Basin	Np-237	27-Jul-13	2.70E-03	9.78E-03	No
H-017 281-8H Retention Basin	Np-237	7-Aug-13	7.84E-03	7.90E-03	No
H-017 281-8H Retention Basin	Np-237	17-Aug-13	2.01E-02	2.02E-02	No
H-017 281-8H Retention Basin	Np-237	20-Aug-13	1.19E-02	1.40E-02	No
H-017 281-8H Retention Basin	Np-237	19-Sep-13	1.89E-02	1.51E-02	No
H-017 281-8H Retention Basin	Np-237	9-Oct-13	3.41E-02	2.01E-02	No
H-017 281-8H Retention Basin	Np-237	5-Nov-13	1.17E-02	1.17E-02	No
H-017 281-8H Retention Basin	Np-237	6-Dec-13	2.42E-02	1.48E-02	No
U3R-2A ETF Outfall at Road C	Np-237	7-Jan-13	0.00E+00	6.57E+00	No
U3R-2A ETF Outfall at Road C	Np-237	22-Jan-13	6.22E-03	6.39E-03	No
U3R-2A ETF Outfall at Road C	Np-237	4-Feb-13	-3.86E-05	7.99E-04	No
U3R-2A ETF Outfall at Road C	Np-237	11-Feb-13	-3.86E-05	8.03E-04	No
U3R-2A ETF Outfall at Road C	Np-237	19-Feb-13	4.70E-03	1.22E-02	No
U3R-2A ETF Outfall at Road C	Np-237	25-Feb-13	2.29E-03	8.47E-03	No
U3R-2A ETF Outfall at Road C	Np-237	4-Mar-13	1.31E-02	9.28E-03	No
U3R-2A ETF Outfall at Road C	Np-237	11-Mar-13	-4.84E-03	4.86E-03	No
U3R-2A ETF Outfall at Road C	Np-237	18-Mar-13	1.12E-02	1.34E-02	No
U3R-2A ETF Outfall at Road C	Np-237	25-Mar-13	-9.92E-03	6.94E+00	No
U3R-2A ETF Outfall at Road C	Np-237	1-Apr-13	0.00E+00	6.11E+00	No
U3R-2A ETF Outfall at Road C	Np-237	8-Apr-13	1.35E-02	9.59E-03	No
U3R-2A ETF Outfall at Road C	Np-237	15-Apr-13	0.00E+00	7.75E+00	No
U3R-2A ETF Outfall at Road C	Np-237	22-Apr-13	-3.65E-05	7.32E-04	No
U3R-2A ETF Outfall at Road C	Np-237	6-May-13	8.95E-03	1.06E-02	No
U3R-2A ETF Outfall at Road C	Np-237	13-May-13	6.41E-03	6.46E-03	No
U3R-2A ETF Outfall at Road C	Np-237	20-May-13	-4.43E-03	4.43E-03	No
U3R-2A ETF Outfall at Road C	Np-237	24-Jun-13	-1.48E-05	3.00E-04	No
U3R-2A ETF Outfall at Road C	Np-237	1-Jul-13	6.78E-03	6.85E-03	No
U3R-2A ETF Outfall at Road C	Np-237	8-Jul-13	6.78E-03	6.84E-03	No
U3R-2A ETF Outfall at Road C	Np-237	15-Jul-13	2.26E-03	8.22E-03	No
U3R-2A ETF Outfall at Road C	Np-237	22-Jul-13	-4.51E-03	4.51E-03	No
U3R-2A ETF Outfall at Road C	Np-237	29-Jul-13	3.00E-02	1.52E-02	No
U3R-2A ETF Outfall at Road C	Np-237	5-Aug-13	-1.11E-05	2.38E-04	No
U3R-2A ETF Outfall at Road C	Np-237	12-Aug-13	-1.11E-05	2.35E-04	No
U3R-2A ETF Outfall at Road C	Np-237	19-Aug-13	1.29E-02	9.17E-03	No
U3R-2A ETF Outfall at Road C	Np-237	26-Aug-13	0.00E+00	5.98E+00	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
U3R-2A ETF Outfall at Road C	Np-237	3-Sep-13	1.92E-03	6.93E-03	No
U3R-2A ETF Outfall at Road C	Np-237	9-Sep-13	0.00E+00	6.34E+00	No
U3R-2A ETF Outfall at Road C	Np-237	16-Sep-13	6.49E-03	1.35E-02	No
U3R-2A ETF Outfall at Road C	Np-237	23-Sep-13	2.12E-03	7.69E-03	No
U3R-2A ETF Outfall at Road C	Np-237	1-Oct-13	-1.53E-02	1.18E-02	No
U3R-2A ETF Outfall at Road C	Np-237	14-Oct-13	-4.16E-06	8.80E-05	No
U3R-2A ETF Outfall at Road C	Np-237	9-Dec-13	6.35E-03	6.83E-03	No
U3R-2A ETF Outfall at Road C	Np-237	23-Dec-13	-4.22E-03	5.43E-03	No
U3R-2A ETF Outfall at Road C	Np-237	30-Dec-13	2.18E-03	8.36E-03	No
Onsite					
F-012 281-8F Retention Basin	U-238	17-Feb-13	2.54E-02	2.11E-02	No
F-012 281-8F Retention Basin	U-238	1-Mar-13	2.49E-02	1.45E-02	No
F-012 281-8F Retention Basin	U-238	28-Mar-13	1.85E-02	1.32E-02	No
F-012 281-8F Retention Basin	U-238	5-May-13	2.95E-02	1.97E-02	No
F-012 281-8F Retention Basin	U-238	16-Jun-13	3.68E-02	1.87E-02	No
F-012 281-8F Retention Basin	U-238	26-Jun-13	-2.86E-03	7.84E+00	No
F-012 281-8F Retention Basin	U-238	13-Jul-13	1.65E-02	1.18E-02	No
F-012 281-8F Retention Basin	U-238	29-Jul-13	8.43E-03	8.48E-03	No
F-012 281-8F Retention Basin	U-238	7-Aug-13	-8.46E-03	1.29E-02	No
F-012 281-8F Retention Basin	U-238	23-Aug-13	3.73E-02	2.02E-02	No
F-012 281-8F Retention Basin	U-238	13-Dec-13	2.26E-02	1.89E-02	No
F-012 281-8F Retention Basin	U-238	1-Jan-14	2.65E-02	1.70E-02	No
F-013 200-F Cooling Basin	U-238	5-Mar-13	1.76E-01	4.44E-02	Yes
F-013 200-F Cooling Basin	U-238	9-May-13	5.70E-02	2.30E-02	Yes
F-013 200-F Cooling Basin	U-238	12-Jun-13	4.89E-02	2.05E-02	Yes
F-013 200-F Cooling Basin	U-238	29-Jul-13	4.51E-02	2.18E-02	Yes
F-013 200-F Cooling Basin	U-238	7-Aug-13	5.16E-02	2.15E-02	Yes
F-013 200-F Cooling Basin	U-238	22-Aug-13	3.84E-02	2.10E-02	No
F-013 200-F Cooling Basin	U-238	3-Sep-13	1.08E-02	1.28E-02	No
F-013 200-F Cooling Basin	U-238	9-Sep-13	1.13E-01	3.45E-02	Yes
F-013 200-F Cooling Basin	U-238	21-Oct-13	1.43E-01	3.58E-02	Yes
F-013 200-F Cooling Basin	U-238	17-Dec-13	1.06E-01	2.94E-02	Yes
F-05	U-238	4-Feb-13	7.14E-02	1.76E-02	Yes
F-05	U-238	4-Mar-13	9.81E-02	1.50E-02	Yes
F-05	U-238	1-Apr-13	6.03E-02	1.14E-02	Yes
F-05	U-238	6-May-13	4.22E-02	9.48E-03	Yes
F-05	U-238	3-Jun-13	6.24E-02	1.15E-02	Yes
F-05	U-238	1-Jul-13	8.68E-02	1.40E-02	Yes
F-05	U-238	5-Aug-13	2.73E-02	7.33E-03	Yes
F-05	U-238	3-Sep-13	8.51E-02	1.36E-02	Yes
F-05	U-238	2-Dec-13	2.54E-02	6.92E-03	Yes
F-05	U-238	6-Jan-14	5.19E-02	9.97E-03	Yes
FM-1C H-Area Effluent	U-238	4-Feb-13	4.03E-03	3.21E-03	No
FM-1C H-Area Effluent	U-238	4-Mar-13	1.41E-02	5.33E-03	Yes
FM-1C H-Area Effluent	U-238	1-Apr-13	1.54E-02	5.62E-03	Yes
FM-1C H-Area Effluent	U-238	6-May-13	5.35E-03	3.45E-03	No
FM-1C H-Area Effluent	U-238	3-Jun-13	3.51E-03	2.52E-03	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
FM-1C H-Area Effluent	U-238	1-Jul-13	3.08E-02	8.20E-03	Yes
FM-1C H-Area Effluent	U-238	5-Aug-13	1.59E-02	5.59E-03	No
FM-1C H-Area Effluent	U-238	3-Sep-13	2.16E-02	7.03E-03	Yes
FM-1C H-Area Effluent	U-238	7-Oct-13	1.58E-03	1.61E-03	No
FM-1C H-Area Effluent	U-238	4-Nov-13	1.02E-02	4.31E-03	Yes
FM-1C H-Area Effluent	U-238	2-Dec-13	5.73E-04	2.15E-03	No
FM-1C H-Area Effluent	U-238	6-Jan-14	7.46E-03	4.20E-03	No
FM-3 F-Area Effluent	U-238	4-Feb-13	4.24E-02	8.96E-03	Yes
FM-3 F-Area Effluent	U-238	4-Mar-13	9.78E-02	1.48E-02	Yes
FM-3 F-Area Effluent	U-238	1-Apr-13	1.96E-01	2.32E-02	Yes
FM-3 F-Area Effluent	U-238	6-May-13	9.19E-02	1.55E-02	Yes
FM-3 F-Area Effluent	U-238	3-Jun-13	8.11E-02	1.38E-02	Yes
FM-3 F-Area Effluent	U-238	1-Jul-13	2.76E-01	2.92E-02	Yes
FM-3 F-Area Effluent	U-238	5-Aug-13	9.62E-02	1.50E-02	Yes
FM-3 F-Area Effluent	U-238	3-Sep-13	1.75E-01	2.15E-02	Yes
FM-3 F-Area Effluent	U-238	7-Oct-13	3.73E-02	8.06E-03	Yes
FM-3 F-Area Effluent	U-238	4-Nov-13	7.68E-02	1.25E-02	Yes
FM-3 F-Area Effluent	U-238	2-Dec-13	4.11E-02	9.24E-03	Yes
FM-3 F-Area Effluent	U-238	6-Jan-14	9.35E-02	1.44E-02	Yes
H-004	U-238	4-Feb-13	2.81E-02	1.79E-02	No
H-004	U-238	4-Mar-13	4.35E-02	2.09E-02	No
H-004	U-238	1-Apr-13	4.65E-02	2.11E-02	No
H-004	U-238	6-May-13	2.61E-02	1.52E-02	No
H-004	U-238	3-Jun-13	1.58E-02	1.88E-02	No
H-004	U-238	1-Jul-13	7.49E-02	2.55E-02	Yes
H-004	U-238	5-Aug-13	2.92E-02	1.95E-02	No
H-004	U-238	3-Sep-13	4.73E-02	1.97E-02	Yes
H-004	U-238	7-Oct-13	2.54E-03	9.21E-03	No
H-004	U-238	2-Dec-13	1.09E-02	1.28E-02	No
H-004	U-238	6-Jan-14	8.00E-03	1.68E-02	No
H-017 281-8H Retention Basin	U-238	26-Jan-13	1.70E-02	1.21E-02	No
H-017 281-8H Retention Basin	U-238	17-Feb-13	2.73E-02	1.58E-02	No
H-017 281-8H Retention Basin	U-238	27-Feb-13	1.60E-02	1.14E-02	No
H-017 281-8H Retention Basin	U-238	21-Mar-13	1.04E-02	1.22E-02	No
H-017 281-8H Retention Basin	U-238	27-Mar-13	9.14E-03	9.21E-03	No
H-017 281-8H Retention Basin	U-238	5-Apr-13	2.92E-02	1.87E-02	No
H-017 281-8H Retention Basin	U-238	17-Apr-13	4.46E-02	2.17E-02	No
H-017 281-8H Retention Basin	U-238	3-May-13	2.34E-02	1.99E-02	No
H-017 281-8H Retention Basin	U-238	11-May-13	1.21E-02	1.43E-02	No
H-017 281-8H Retention Basin	U-238	15-Jun-13	2.26E-02	1.83E-02	No
H-017 281-8H Retention Basin	U-238	26-Jun-13	3.16E-03	1.15E-02	No
H-017 281-8H Retention Basin	U-238	6-Jul-13	1.78E-02	1.27E-02	No
H-017 281-8H Retention Basin	U-238	18-Jul-13	3.51E-02	1.78E-02	No
H-017 281-8H Retention Basin	U-238	27-Jul-13	2.89E-02	2.41E-02	No
H-017 281-8H Retention Basin	U-238	7-Aug-13	2.46E-02	1.44E-02	No
H-017 281-8H Retention Basin	U-238	17-Aug-13	4.32E-02	1.97E-02	Yes
H-017 281-8H Retention Basin	U-238	20-Aug-13	2.01E-02	1.61E-02	No
H-017 281-8H Retention Basin	U-238	19-Sep-13	2.70E-02	1.72E-02	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
H-017 281-8H Retention Basin	U-238	9-Oct-13	5.24E-03	1.35E-02	No
H-017 281-8H Retention Basin	U-238	5-Nov-13	8.59E-02	3.02E-02	Yes
H-017 281-8H Retention Basin	U-238	6-Dec-13	2.59E-02	1.51E-02	No
S-004	U-238	4-Feb-13	3.89E-02	2.11E-02	No
S-004	U-238	4-Mar-13	5.46E-02	2.10E-02	Yes
S-004	U-238	1-Apr-13	2.53E-02	1.47E-02	No
S-004	U-238	6-May-13	5.76E-02	2.52E-02	Yes
S-004	U-238	3-Jun-13	8.84E-02	3.01E-02	Yes
S-004	U-238	1-Jul-13	1.29E-01	3.79E-02	Yes
S-004	U-238	5-Aug-13	9.76E-02	2.90E-02	Yes
S-004	U-238	3-Sep-13	8.41E-02	2.73E-02	Yes
S-004	U-238	7-Oct-13	6.22E-02	2.50E-02	Yes
S-004	U-238	4-Nov-13	8.05E-02	2.69E-02	Yes
S-004	U-238	2-Dec-13	5.14E-02	1.98E-02	Yes
S-004	U-238	6-Jan-14	1.79E-02	1.28E-02	No
TB-2 Outfall at Road 1A	U-238	4-Feb-13	7.92E-02	1.24E-02	Yes
TB-2 Outfall at Road 1A	U-238	4-Mar-13	8.00E-02	1.27E-02	Yes
TB-2 Outfall at Road 1A	U-238	1-Apr-13	6.24E-02	1.11E-02	Yes
TB-2 Outfall at Road 1A	U-238	6-May-13	2.35E-02	7.01E-03	Yes
TB-2 Outfall at Road 1A	U-238	3-Jun-13	-3.32E-05	2.04E-03	No
TB-2 Outfall at Road 1A	U-238	1-Jul-13	6.86E-02	1.18E-02	Yes
TB-2 Outfall at Road 1A	U-238	5-Aug-13	1.32E-01	1.77E-02	Yes
TB-2 Outfall at Road 1A	U-238	3-Sep-13	6.78E-02	1.19E-02	Yes
TB-2 Outfall at Road 1A	U-238	7-Oct-13	2.21E-02	6.63E-03	Yes
TB-2 Outfall at Road 1A	U-238	4-Nov-13	3.41E-02	8.03E-03	Yes
TB-2 Outfall at Road 1A	U-238	2-Dec-13	4.00E-02	8.84E-03	Yes
TB-2 Outfall at Road 1A	U-238	6-Jan-14	3.92E-02	8.92E-03	Yes
TB-3 M-Area Effluent at Road D	U-238	4-Feb-13	-1.79E-05	2.25E-04	No
U3R-2A ETF Outfall at Road C	U-238	7-Jan-13	2.18E-03	8.53E-03	No
U3R-2A ETF Outfall at Road C	U-238	22-Jan-13	1.46E-02	1.04E-02	No
U3R-2A ETF Outfall at Road C	U-238	4-Feb-13	7.16E-03	7.17E-03	No
U3R-2A ETF Outfall at Road C	U-238	11-Feb-13	7.30E-03	7.31E-03	No
U3R-2A ETF Outfall at Road C	U-238	19-Feb-13	1.89E-02	1.10E-02	No
U3R-2A ETF Outfall at Road C	U-238	25-Feb-13	7.30E-03	7.29E-03	No
U3R-2A ETF Outfall at Road C	U-238	4-Mar-13	-1.22E-05	1.92E-04	No
U3R-2A ETF Outfall at Road C	U-238	11-Mar-13	2.00E-02	1.17E-02	No
U3R-2A ETF Outfall at Road C	U-238	18-Mar-13	-2.33E-03	5.90E+00	No
U3R-2A ETF Outfall at Road C	U-238	25-Mar-13	1.59E-02	1.29E-02	No
U3R-2A ETF Outfall at Road C	U-238	1-Apr-13	-1.95E-05	3.12E-04	No
U3R-2A ETF Outfall at Road C	U-238	8-Apr-13	1.04E-02	1.22E-02	No
U3R-2A ETF Outfall at Road C	U-238	15-Apr-13	1.42E-02	1.01E-02	No
U3R-2A ETF Outfall at Road C	U-238	22-Apr-13	6.62E-03	6.87E-03	No
U3R-2A ETF Outfall at Road C	U-238	6-May-13	2.56E-03	9.59E-03	No
U3R-2A ETF Outfall at Road C	U-238	13-May-13	-2.73E-05	4.35E-04	No
U3R-2A ETF Outfall at Road C	U-238	20-May-13	6.70E-03	6.76E-03	No
U3R-2A ETF Outfall at Road C	U-238	24-Jun-13	2.25E-03	8.16E-03	No
U3R-2A ETF Outfall at Road C	U-238	1-Jul-13	-6.81E-03	1.04E-02	No
U3R-2A ETF Outfall at Road C	U-238	8-Jul-13	7.97E-03	8.03E-03	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
U3R-2A ETF Outfall at Road C	U-238	15-Jul-13	6.68E-03	6.71E-03	No
U3R-2A ETF Outfall at Road C	U-238	22-Jul-13	2.47E-03	8.96E-03	No
U3R-2A ETF Outfall at Road C	U-238	29-Jul-13	2.08E-02	1.33E-02	No
U3R-2A ETF Outfall at Road C	U-238	5-Aug-13	1.72E-02	1.38E-02	No
U3R-2A ETF Outfall at Road C	U-238	12-Aug-13	2.18E-02	1.27E-02	No
U3R-2A ETF Outfall at Road C	U-238	19-Aug-13	-4.24E-05	6.79E-04	No
U3R-2A ETF Outfall at Road C	U-238	26-Aug-13	3.89E-02	1.62E-02	Yes
U3R-2A ETF Outfall at Road C	U-238	3-Sep-13	-8.24E-03	5.91E+00	No
U3R-2A ETF Outfall at Road C	U-238	9-Sep-13	1.35E-02	9.63E-03	No
U3R-2A ETF Outfall at Road C	U-238	16-Sep-13	6.14E-03	5.88E+00	No
U3R-2A ETF Outfall at Road C	U-238	23-Sep-13	8.14E-03	9.52E-03	No
U3R-2A ETF Outfall at Road C	U-238	1-Oct-13	6.35E-03	5.70E+00	No
U3R-2A ETF Outfall at Road C	U-238	14-Oct-13	8.24E-03	9.74E-03	No
U3R-2A ETF Outfall at Road C	U-238	9-Dec-13	1.28E-02	9.21E-03	No
U3R-2A ETF Outfall at Road C	U-238	23-Dec-13	2.15E-02	1.38E-02	No
U3R-2A ETF Outfall at Road C	U-238	30-Dec-13	6.16E-03	6.32E-03	No

Miscellaneous

HP-52 H-Area Tank Farm	U-238	5-Feb-13	2.92E-03	3.49E-03	No
HP-52 H-Area Tank Farm	U-238	5-Mar-13	2.14E-02	6.20E-03	Yes
HP-52 H-Area Tank Farm	U-238	2-Apr-13	1.42E-02	5.35E-03	Yes
HP-52 H-Area Tank Farm	U-238	7-May-13	5.00E-02	1.04E-02	Yes
HP-52 H-Area Tank Farm	U-238	4-Jun-13	4.32E-02	9.82E-03	Yes
HP-52 H-Area Tank Farm	U-238	2-Jul-13	3.19E-02	8.18E-03	Yes
HP-52 H-Area Tank Farm	U-238	6-Aug-13	1.96E-02	6.25E-03	Yes
HP-52 H-Area Tank Farm	U-238	3-Sep-13	5.38E-02	1.02E-02	Yes
HP-52 H-Area Tank Farm	U-238	3-Dec-13	5.05E-03	2.96E-03	No

Onsite

F-012 281-8F Retention Basin	Pu-238	17-Feb-13	7.22E-02	2.70E-02	Yes
F-012 281-8F Retention Basin	Pu-238	1-Mar-13	2.37E-03	8.53E-03	No
F-012 281-8F Retention Basin	Pu-238	28-Mar-13	-5.46E-03	5.49E-03	No
F-012 281-8F Retention Basin	Pu-238	5-May-13	3.38E-02	1.73E-02	No
F-012 281-8F Retention Basin	Pu-238	16-Jun-13	1.57E-02	1.11E-02	No
F-012 281-8F Retention Basin	Pu-238	26-Jun-13	-5.14E-03	7.25E+00	No
F-012 281-8F Retention Basin	Pu-238	13-Jul-13	1.83E-02	1.36E-02	No
F-012 281-8F Retention Basin	Pu-238	29-Jul-13	1.68E-02	1.25E-02	No
F-012 281-8F Retention Basin	Pu-238	7-Aug-13	9.24E-03	9.82E-03	No
F-012 281-8F Retention Basin	Pu-238	23-Aug-13	1.18E-02	1.47E-02	No
F-012 281-8F Retention Basin	Pu-238	13-Dec-13	9.27E-03	1.93E-02	No
F-012 281-8F Retention Basin	Pu-238	1-Jan-14	3.27E-02	1.66E-02	No
F-013 200-F Cooling Basin	Pu-238	5-Mar-13	2.89E-02	1.84E-02	No
F-013 200-F Cooling Basin	Pu-238	9-May-13	4.03E-02	2.05E-02	Yes
F-013 200-F Cooling Basin	Pu-238	12-Jun-13	4.35E-02	1.97E-02	Yes
F-013 200-F Cooling Basin	Pu-238	29-Jul-13	1.72E-02	1.28E-02	No
F-013 200-F Cooling Basin	Pu-238	7-Aug-13	2.51E-02	1.51E-02	No
F-013 200-F Cooling Basin	Pu-238	22-Aug-13	1.63E-02	1.25E-02	No
F-013 200-F Cooling Basin	Pu-238	3-Sep-13	-1.81E-04	3.00E-03	No
F-013 200-F Cooling Basin	Pu-238	9-Sep-13	-1.81E-04	3.03E-03	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
F-013 200-F Cooling Basin	Pu-238	21-Oct-13	1.23E-02	1.45E-02	No
F-013 200-F Cooling Basin	Pu-238	17-Dec-13	9.84E-03	9.86E-03	No
F-05	Pu-238	4-Feb-13	1.08E-02	7.06E-03	No
F-05	Pu-238	4-Mar-13	8.59E-03	7.17E-03	No
F-05	Pu-238	1-Apr-13	6.51E-03	3.28E-03	No
F-05	Pu-238	6-May-13	1.66E-02	6.31E-03	Yes
F-05	Pu-238	3-Jun-13	8.43E-03	3.88E-03	Yes
F-05	Pu-238	1-Jul-13	1.72E-02	5.77E-03	Yes
F-05	Pu-238	5-Aug-13	1.50E-02	6.32E-03	Yes
F-05	Pu-238	3-Sep-13	5.11E-03	4.61E-03	No
F-05	Pu-238	2-Dec-13	2.51E-03	1.69E+00	No
F-05	Pu-238	6-Jan-14	1.17E-02	4.20E-03	Yes
FM-1C H-Area Effluent	Pu-238	4-Feb-13	2.06E-01	2.61E-02	Yes
FM-1C H-Area Effluent	Pu-238	4-Mar-13	1.77E-01	2.29E-02	Yes
FM-1C H-Area Effluent	Pu-238	1-Apr-13	1.51E+00	1.40E-01	Yes
FM-1C H-Area Effluent	Pu-238	6-May-13	9.68E-02	1.57E-02	Yes
FM-1C H-Area Effluent	Pu-238	3-Jun-13	1.62E-01	2.17E-02	Yes
FM-1C H-Area Effluent	Pu-238	1-Jul-13	2.01E-01	2.57E-02	Yes
FM-1C H-Area Effluent	Pu-238	5-Aug-13	1.71E-01	2.33E-02	Yes
FM-1C H-Area Effluent	Pu-238	3-Sep-13	1.85E-01	2.57E-02	Yes
FM-1C H-Area Effluent	Pu-238	7-Oct-13	7.08E-02	1.29E-02	Yes
FM-1C H-Area Effluent	Pu-238	4-Nov-13	8.78E-02	1.41E-02	Yes
FM-1C H-Area Effluent	Pu-238	2-Dec-13	9.73E-02	1.50E-02	Yes
FM-1C H-Area Effluent	Pu-238	6-Jan-14	1.25E-01	1.72E-02	Yes
FM-3 F-Area Effluent	Pu-238	4-Feb-13	4.08E-03	4.04E-03	No
FM-3 F-Area Effluent	Pu-238	4-Mar-13	4.59E-03	2.66E-03	No
FM-3 F-Area Effluent	Pu-238	1-Apr-13	3.51E-03	2.49E-03	No
FM-3 F-Area Effluent	Pu-238	6-May-13	6.32E-03	4.21E-03	No
FM-3 F-Area Effluent	Pu-238	3-Jun-13	5.86E-03	3.77E-03	No
FM-3 F-Area Effluent	Pu-238	1-Jul-13	1.49E-02	5.25E-03	Yes
FM-3 F-Area Effluent	Pu-238	5-Aug-13	5.84E-03	4.51E-03	No
FM-3 F-Area Effluent	Pu-238	3-Sep-13	7.08E-03	5.28E-03	Yes
FM-3 F-Area Effluent	Pu-238	7-Oct-13	9.00E-03	4.10E-03	Yes
FM-3 F-Area Effluent	Pu-238	4-Nov-13	1.21E-02	5.00E-03	Yes
FM-3 F-Area Effluent	Pu-238	2-Dec-13	3.84E-03	3.05E-03	No
FM-3 F-Area Effluent	Pu-238	6-Jan-14	1.49E-02	5.28E-03	Yes
H-004	Pu-238	4-Feb-13	1.65E-02	1.17E-02	No
H-004	Pu-238	4-Mar-13	1.78E-02	1.27E-02	No
H-004	Pu-238	1-Apr-13	1.15E-02	1.35E-02	No
H-004	Pu-238	6-May-13	0.00E+00	8.92E+00	No
H-004	Pu-238	3-Jun-13	2.58E-02	1.51E-02	No
H-004	Pu-238	1-Jul-13	8.35E-03	8.38E-03	No
H-004	Pu-238	5-Aug-13	2.70E-02	1.72E-02	No
H-004	Pu-238	3-Sep-13	1.64E-02	1.17E-02	No
H-004	Pu-238	7-Oct-13	2.89E-02	1.68E-02	No
H-004	Pu-238	2-Dec-13	4.43E-02	2.01E-02	Yes
H-004	Pu-238	6-Jan-14	1.18E-01	3.39E-02	Yes
H-017 281-8H Retention Basin	Pu-238	26-Jan-13	1.64E+00	1.87E-01	Yes

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
H-017 281-8H Retention Basin	Pu-238	17-Feb-13	5.30E-01	7.96E-02	Yes
H-017 281-8H Retention Basin	Pu-238	27-Feb-13	3.38E-01	5.90E-02	Yes
H-017 281-8H Retention Basin	Pu-238	21-Mar-13	2.67E+00	2.72E-01	Yes
H-017 281-8H Retention Basin	Pu-238	27-Mar-13	6.19E-01	9.32E-02	Yes
H-017 281-8H Retention Basin	Pu-238	5-Apr-13	2.70E+00	2.87E-01	Yes
H-017 281-8H Retention Basin	Pu-238	17-Apr-13	5.81E-01	8.72E-02	Yes
H-017 281-8H Retention Basin	Pu-238	3-May-13	1.33E+00	1.67E-01	Yes
H-017 281-8H Retention Basin	Pu-238	11-May-13	1.88E+00	2.11E-01	Yes
H-017 281-8H Retention Basin	Pu-238	15-Jun-13	4.24E-01	7.02E-02	Yes
H-017 281-8H Retention Basin	Pu-238	26-Jun-13	5.65E-01	8.80E-02	Yes
H-017 281-8H Retention Basin	Pu-238	6-Jul-13	6.41E-01	9.24E-02	Yes
H-017 281-8H Retention Basin	Pu-238	18-Jul-13	3.11E-01	6.10E-02	Yes
H-017 281-8H Retention Basin	Pu-238	27-Jul-13	1.45E-01	3.72E-02	Yes
H-017 281-8H Retention Basin	Pu-238	7-Aug-13	3.35E-01	5.93E-02	Yes
H-017 281-8H Retention Basin	Pu-238	17-Aug-13	1.47E+00	2.39E-01	Yes
H-017 281-8H Retention Basin	Pu-238	20-Aug-13	7.57E-01	1.06E-01	Yes
H-017 281-8H Retention Basin	Pu-238	19-Sep-13	2.02E+00	2.20E-01	Yes
H-017 281-8H Retention Basin	Pu-238	9-Oct-13	3.54E+00	3.92E-01	Yes
H-017 281-8H Retention Basin	Pu-238	5-Nov-13	5.70E+00	6.13E-01	Yes
H-017 281-8H Retention Basin	Pu-238	6-Dec-13	7.14E+00	6.70E-01	Yes
S-004	Pu-238	4-Feb-13	-6.95E-03	6.96E-03	No
S-004	Pu-238	4-Mar-13	1.84E-02	1.31E-02	No
S-004	Pu-238	1-Apr-13	8.89E-03	8.92E-03	No
S-004	Pu-238	6-May-13	5.65E-02	2.47E-02	Yes
S-004	Pu-238	3-Jun-13	3.97E-02	2.02E-02	No
S-004	Pu-238	1-Jul-13	4.35E-02	2.36E-02	No
S-004	Pu-238	5-Aug-13	8.76E-03	8.76E-03	No
S-004	Pu-238	3-Sep-13	3.43E-02	1.74E-02	No
S-004	Pu-238	7-Oct-13	2.52E-02	1.46E-02	No
S-004	Pu-238	4-Nov-13	1.71E-02	1.21E-02	No
S-004	Pu-238	2-Dec-13	2.70E-02	1.72E-02	No
S-004	Pu-238	6-Jan-14	1.76E-01	4.86E-02	Yes
TB-2 Outfall at Road 1A	Pu-238	4-Feb-13	-6.03E-04	2.49E-03	No
TB-2 Outfall at Road 1A	Pu-238	4-Mar-13	7.11E-03	3.60E-03	No
TB-2 Outfall at Road 1A	Pu-238	1-Apr-13	1.39E-02	5.38E-03	No
TB-2 Outfall at Road 1A	Pu-238	6-May-13	1.20E-02	4.99E-03	No
TB-2 Outfall at Road 1A	Pu-238	3-Jun-13	2.11E-03	2.25E-03	No
TB-2 Outfall at Road 1A	Pu-238	1-Jul-13	5.95E-04	2.15E-03	No
TB-2 Outfall at Road 1A	Pu-238	5-Aug-13	1.24E-02	4.77E-03	Yes
TB-2 Outfall at Road 1A	Pu-238	3-Sep-13	1.61E-02	6.04E-03	Yes
TB-2 Outfall at Road 1A	Pu-238	7-Oct-13	8.24E-03	4.16E-03	No
TB-2 Outfall at Road 1A	Pu-238	4-Nov-13	-1.26E-03	1.26E-03	No
TB-2 Outfall at Road 1A	Pu-238	2-Dec-13	1.37E-02	5.25E-03	Yes
TB-2 Outfall at Road 1A	Pu-238	6-Jan-14	1.18E-02	5.21E-03	Yes
TB-3 M-Area Effluent at Road D	Pu-238	4-Feb-13	0.00E+00	8.10E+00	No
U3R-2A ETF Outfall at Road C	Pu-238	7-Jan-13	-4.86E-03	4.94E-03	No
U3R-2A ETF Outfall at Road C	Pu-238	22-Jan-13	2.47E-02	1.31E-02	No
U3R-2A ETF Outfall at Road C	Pu-238	4-Feb-13	2.34E-03	9.21E-03	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
U3R-2A ETF Outfall at Road C	Pu-238	11-Feb-13	1.48E-02	1.12E-02	No
U3R-2A ETF Outfall at Road C	Pu-238	19-Feb-13	4.46E-02	2.02E-02	Yes
U3R-2A ETF Outfall at Road C	Pu-238	25-Feb-13	3.46E-02	1.64E-02	No
U3R-2A ETF Outfall at Road C	Pu-238	4-Mar-13	1.94E-02	1.13E-02	No
U3R-2A ETF Outfall at Road C	Pu-238	11-Mar-13	2.16E-02	1.26E-02	No
U3R-2A ETF Outfall at Road C	Pu-238	18-Mar-13	8.92E-03	1.05E-02	No
U3R-2A ETF Outfall at Road C	Pu-238	25-Mar-13	7.30E-03	7.47E-03	No
U3R-2A ETF Outfall at Road C	Pu-238	1-Apr-13	1.35E-02	9.63E-03	No
U3R-2A ETF Outfall at Road C	Pu-238	8-Apr-13	0.00E+00	6.26E+00	No
U3R-2A ETF Outfall at Road C	Pu-238	15-Apr-13	1.13E-02	1.32E-02	No
U3R-2A ETF Outfall at Road C	Pu-238	22-Apr-13	1.23E-02	8.88E-03	No
U3R-2A ETF Outfall at Road C	Pu-238	6-May-13	1.33E-02	9.63E-03	No
U3R-2A ETF Outfall at Road C	Pu-238	13-May-13	4.46E-02	1.75E-02	Yes
U3R-2A ETF Outfall at Road C	Pu-238	20-May-13	1.31E-02	9.36E-03	No
U3R-2A ETF Outfall at Road C	Pu-238	24-Jun-13	6.27E-03	6.35E-03	No
U3R-2A ETF Outfall at Road C	Pu-238	1-Jul-13	-4.51E-03	6.15E+00	No
U3R-2A ETF Outfall at Road C	Pu-238	8-Jul-13	8.86E-03	1.09E-02	No
U3R-2A ETF Outfall at Road C	Pu-238	15-Jul-13	2.02E-02	1.23E-02	No
U3R-2A ETF Outfall at Road C	Pu-238	22-Jul-13	2.13E-03	8.34E-03	No
U3R-2A ETF Outfall at Road C	Pu-238	29-Jul-13	-9.89E-05	2.11E-03	No
U3R-2A ETF Outfall at Road C	Pu-238	5-Aug-13	7.43E-03	8.03E-03	No
U3R-2A ETF Outfall at Road C	Pu-238	12-Aug-13	6.95E-03	7.54E-03	No
U3R-2A ETF Outfall at Road C	Pu-238	19-Aug-13	6.35E-03	6.42E-03	No
U3R-2A ETF Outfall at Road C	Pu-238	26-Aug-13	2.05E-02	1.28E-02	No
U3R-2A ETF Outfall at Road C	Pu-238	3-Sep-13	2.84E-02	1.38E-02	Yes
U3R-2A ETF Outfall at Road C	Pu-238	9-Sep-13	2.95E-02	1.59E-02	No
U3R-2A ETF Outfall at Road C	Pu-238	16-Sep-13	2.57E-02	1.30E-02	No
U3R-2A ETF Outfall at Road C	Pu-238	23-Sep-13	1.90E-02	1.11E-02	No
U3R-2A ETF Outfall at Road C	Pu-238	1-Oct-13	1.29E-02	9.24E-03	No
U3R-2A ETF Outfall at Road C	Pu-238	14-Oct-13	6.59E-03	6.68E-03	No
U3R-2A ETF Outfall at Road C	Pu-238	9-Dec-13	1.26E-02	8.96E-03	No
U3R-2A ETF Outfall at Road C	Pu-238	23-Dec-13	0.00E+00	5.66E+00	No
U3R-2A ETF Outfall at Road C	Pu-238	30-Dec-13	-4.32E-03	4.36E-03	No

Miscellaneous

HP-52 H-Area Tank Farm	Pu-238	5-Feb-13	5.08E-03	2.95E-03	Yes
HP-52 H-Area Tank Farm	Pu-238	5-Mar-13	1.64E-02	5.55E-03	Yes
HP-52 H-Area Tank Farm	Pu-238	2-Apr-13	1.35E-02	4.91E-03	No
HP-52 H-Area Tank Farm	Pu-238	7-May-13	5.57E-02	1.06E-02	Yes
HP-52 H-Area Tank Farm	Pu-238	4-Jun-13	1.44E-02	4.89E-03	Yes
HP-52 H-Area Tank Farm	Pu-238	2-Jul-13	1.54E-02	5.04E-03	Yes
HP-52 H-Area Tank Farm	Pu-238	6-Aug-13	8.46E-03	3.86E-03	No
HP-52 H-Area Tank Farm	Pu-238	3-Sep-13	1.42E-02	5.11E-03	Yes
HP-52 H-Area Tank Farm	Pu-238	3-Dec-13	3.43E-03	2.44E-03	No

Onsite

F-012 281-8F Retention Basin	Pu-239	17-Feb-13	3.03E-03	1.09E-02	No
F-012 281-8F Retention Basin	Pu-239	1-Mar-13	-1.63E-05	2.53E-04	No
F-012 281-8F Retention Basin	Pu-239	28-Mar-13	1.64E-02	1.16E-02	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
F-012 281-8F Retention Basin	Pu-239	5-May-13	1.68E-02	1.24E-02	No
F-012 281-8F Retention Basin	Pu-239	16-Jun-13	1.83E-02	1.47E-02	No
F-012 281-8F Retention Basin	Pu-239	26-Jun-13	7.65E-03	7.72E-03	No
F-012 281-8F Retention Basin	Pu-239	13-Jul-13	-6.19E-03	6.15E-03	No
F-012 281-8F Retention Basin	Pu-239	29-Jul-13	1.69E-02	1.21E-02	No
F-012 281-8F Retention Basin	Pu-239	7-Aug-13	-6.27E-03	6.25E-03	No
F-012 281-8F Retention Basin	Pu-239	23-Aug-13	-6.03E-03	6.01E-03	No
F-012 281-8F Retention Basin	Pu-239	13-Dec-13	2.78E-02	1.66E-02	No
F-012 281-8F Retention Basin	Pu-239	1-Jan-14	2.70E-02	1.77E-02	No
F-013 200-F Cooling Basin	Pu-239	5-Mar-13	2.86E-03	1.04E-02	No
F-013 200-F Cooling Basin	Pu-239	9-May-13	3.35E-02	2.15E-02	No
F-013 200-F Cooling Basin	Pu-239	12-Jun-13	1.39E-01	3.71E-02	Yes
F-013 200-F Cooling Basin	Pu-239	29-Jul-13	1.15E-02	1.36E-02	No
F-013 200-F Cooling Basin	Pu-239	7-Aug-13	1.95E-02	1.58E-02	No
F-013 200-F Cooling Basin	Pu-239	22-Aug-13	-1.39E-05	2.35E-04	No
F-013 200-F Cooling Basin	Pu-239	3-Sep-13	-5.32E-03	5.32E-03	No
F-013 200-F Cooling Basin	Pu-239	9-Sep-13	2.51E-02	1.47E-02	No
F-013 200-F Cooling Basin	Pu-239	21-Oct-13	2.86E-01	5.79E-02	Yes
F-013 200-F Cooling Basin	Pu-239	17-Dec-13	1.21E-01	3.83E-02	Yes
F-05	Pu-239	4-Feb-13	2.28E-02	1.00E-02	Yes
F-05	Pu-239	4-Mar-13	1.29E-02	6.64E-03	No
F-05	Pu-239	1-Apr-13	8.68E-03	4.20E-03	No
F-05	Pu-239	6-May-13	2.08E-02	7.54E-03	No
F-05	Pu-239	3-Jun-13	1.24E-02	5.01E-03	Yes
F-05	Pu-239	1-Jul-13	1.38E-02	5.09E-03	Yes
F-05	Pu-239	5-Aug-13	3.73E-03	2.85E-03	No
F-05	Pu-239	3-Sep-13	5.70E-03	3.69E-03	No
F-05	Pu-239	2-Dec-13	7.51E-03	3.83E-03	No
F-05	Pu-239	6-Jan-14	5.81E-03	3.51E-03	No
FM-1C H-Area Effluent	Pu-239	4-Feb-13	1.09E-02	4.42E-03	Yes
FM-1C H-Area Effluent	Pu-239	4-Mar-13	2.02E-02	6.16E-03	Yes
FM-1C H-Area Effluent	Pu-239	1-Apr-13	1.42E-01	1.99E-02	Yes
FM-1C H-Area Effluent	Pu-239	6-May-13	1.04E-02	5.20E-03	Yes
FM-1C H-Area Effluent	Pu-239	3-Jun-13	6.54E-03	3.32E-03	No
FM-1C H-Area Effluent	Pu-239	1-Jul-13	1.01E-02	4.30E-03	Yes
FM-1C H-Area Effluent	Pu-239	5-Aug-13	1.25E-02	4.92E-03	Yes
FM-1C H-Area Effluent	Pu-239	3-Sep-13	3.70E-03	2.99E-03	No
FM-1C H-Area Effluent	Pu-239	7-Oct-13	5.30E-03	3.57E-03	No
FM-1C H-Area Effluent	Pu-239	4-Nov-13	9.08E-03	3.96E-03	Yes
FM-1C H-Area Effluent	Pu-239	2-Dec-13	1.31E-02	4.97E-03	Yes
FM-1C H-Area Effluent	Pu-239	6-Jan-14	1.29E-02	5.01E-03	Yes
FM-3 F-Area Effluent	Pu-239	4-Feb-13	2.05E-03	2.06E-03	No
FM-3 F-Area Effluent	Pu-239	4-Mar-13	1.02E-03	2.62E-03	No
FM-3 F-Area Effluent	Pu-239	1-Apr-13	1.52E-02	5.94E-03	Yes
FM-3 F-Area Effluent	Pu-239	6-May-13	3.78E-03	3.42E-03	No
FM-3 F-Area Effluent	Pu-239	3-Jun-13	3.51E-03	2.51E-03	No
FM-3 F-Area Effluent	Pu-239	1-Jul-13	7.16E-03	3.97E-03	Yes
FM-3 F-Area Effluent	Pu-239	5-Aug-13	3.49E-03	2.67E-03	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
FM-3 F-Area Effluent	Pu-239	3-Sep-13	1.86E-02	6.07E-03	Yes
FM-3 F-Area Effluent	Pu-239	7-Oct-13	4.19E-03	3.75E-03	No
FM-3 F-Area Effluent	Pu-239	4-Nov-13	1.16E-02	4.65E-03	Yes
FM-3 F-Area Effluent	Pu-239	2-Dec-13	3.27E-03	2.34E-03	No
FM-3 F-Area Effluent	Pu-239	6-Jan-14	5.30E-03	3.90E-03	No
H-004	Pu-239	4-Feb-13	0.00E+00	7.29E+00	No
H-004	Pu-239	4-Mar-13	0.00E+00	7.96E+00	No
H-004	Pu-239	1-Apr-13	2.58E-02	1.51E-02	No
H-004	Pu-239	6-May-13	-3.27E-03	1.35E-02	No
H-004	Pu-239	3-Jun-13	-1.02E-04	1.44E-03	No
H-004	Pu-239	1-Jul-13	0.00E+00	7.92E+00	No
H-004	Pu-239	5-Aug-13	2.66E-03	9.74E-03	No
H-004	Pu-239	3-Sep-13	8.16E-03	8.26E-03	No
H-004	Pu-239	7-Oct-13	9.59E-03	9.63E-03	No
H-004	Pu-239	2-Dec-13	2.95E-03	1.06E-02	No
H-004	Pu-239	6-Jan-14	0.00E+00	7.23E+00	No
H-017 281-8H Retention Basin	Pu-239	26-Jan-13	1.71E-01	4.18E-02	Yes
H-017 281-8H Retention Basin	Pu-239	17-Feb-13	7.03E-02	2.42E-02	Yes
H-017 281-8H Retention Basin	Pu-239	27-Feb-13	3.92E-02	1.79E-02	No
H-017 281-8H Retention Basin	Pu-239	21-Mar-13	2.04E-01	4.44E-02	Yes
H-017 281-8H Retention Basin	Pu-239	27-Mar-13	7.38E-02	2.69E-02	Yes
H-017 281-8H Retention Basin	Pu-239	5-Apr-13	2.42E-01	5.21E-02	Yes
H-017 281-8H Retention Basin	Pu-239	17-Apr-13	7.78E-02	2.73E-02	Yes
H-017 281-8H Retention Basin	Pu-239	3-May-13	5.22E-02	3.08E-02	No
H-017 281-8H Retention Basin	Pu-239	11-May-13	1.54E-01	4.09E-02	Yes
H-017 281-8H Retention Basin	Pu-239	15-Jun-13	5.92E-02	2.31E-02	Yes
H-017 281-8H Retention Basin	Pu-239	26-Jun-13	7.30E-02	2.67E-02	Yes
H-017 281-8H Retention Basin	Pu-239	6-Jul-13	6.76E-02	2.46E-02	Yes
H-017 281-8H Retention Basin	Pu-239	18-Jul-13	3.65E-02	1.87E-02	No
H-017 281-8H Retention Basin	Pu-239	27-Jul-13	2.41E-02	1.42E-02	No
H-017 281-8H Retention Basin	Pu-239	7-Aug-13	1.55E-02	1.12E-02	No
H-017 281-8H Retention Basin	Pu-239	17-Aug-13	9.92E-02	4.59E-02	Yes
H-017 281-8H Retention Basin	Pu-239	20-Aug-13	4.70E-02	2.28E-02	Yes
H-017 281-8H Retention Basin	Pu-239	19-Sep-13	1.60E-01	3.90E-02	Yes
H-017 281-8H Retention Basin	Pu-239	9-Oct-13	2.70E-01	6.10E-02	Yes
H-017 281-8H Retention Basin	Pu-239	5-Nov-13	4.38E-01	8.34E-02	Yes
H-017 281-8H Retention Basin	Pu-239	6-Dec-13	6.27E-01	9.00E-02	Yes
S-004	Pu-239	4-Feb-13	-6.92E-03	6.95E-03	No
S-004	Pu-239	4-Mar-13	0.00E+00	8.67E+00	No
S-004	Pu-239	1-Apr-13	-4.73E-05	6.40E-04	No
S-004	Pu-239	6-May-13	-5.95E-03	5.98E-03	No
S-004	Pu-239	3-Jun-13	3.22E-03	1.21E-02	No
S-004	Pu-239	1-Jul-13	1.00E-02	1.00E-02	No
S-004	Pu-239	5-Aug-13	-5.86E-03	8.44E+00	No
S-004	Pu-239	3-Sep-13	-5.76E-03	7.93E+00	No
S-004	Pu-239	7-Oct-13	0.00E+00	8.28E+00	No
S-004	Pu-239	4-Nov-13	0.00E+00	7.49E+00	No
S-004	Pu-239	2-Dec-13	1.08E-02	1.28E-02	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
S-004	Pu-239	6-Jan-14	2.67E-02	2.13E-02	No
TB-2 Outfall at Road 1A	Pu-239	4-Feb-13	0.00E+00	1.61E+00	No
TB-2 Outfall at Road 1A	Pu-239	4-Mar-13	1.78E-03	1.78E-03	No
TB-2 Outfall at Road 1A	Pu-239	1-Apr-13	-9.43E-06	6.74E-04	No
TB-2 Outfall at Road 1A	Pu-239	6-May-13	2.01E-03	2.01E-03	No
TB-2 Outfall at Road 1A	Pu-239	3-Jun-13	-2.04E-05	1.42E-03	No
TB-2 Outfall at Road 1A	Pu-239	1-Jul-13	0.00E+00	1.64E+00	No
TB-2 Outfall at Road 1A	Pu-239	5-Aug-13	1.06E-02	4.51E-03	Yes
TB-2 Outfall at Road 1A	Pu-239	3-Sep-13	1.92E-03	2.01E-03	No
TB-2 Outfall at Road 1A	Pu-239	7-Oct-13	0.00E+00	1.88E+00	No
TB-2 Outfall at Road 1A	Pu-239	4-Nov-13	0.00E+00	1.77E+00	No
TB-2 Outfall at Road 1A	Pu-239	2-Dec-13	-6.68E-07	1.79E+00	No
TB-2 Outfall at Road 1A	Pu-239	6-Jan-14	2.61E-03	3.07E-03	No
TB-3 M-Area Effluent at Road D	Pu-239	4-Feb-13	0.00E+00	8.09E+00	No
U3R-2A ETF Outfall at Road C	Pu-239	7-Jan-13	-7.59E-05	1.56E-03	No
U3R-2A ETF Outfall at Road C	Pu-239	22-Jan-13	-2.07E-03	8.52E-03	No
U3R-2A ETF Outfall at Road C	Pu-239	4-Feb-13	-4.89E-03	4.92E-03	No
U3R-2A ETF Outfall at Road C	Pu-239	11-Feb-13	0.00E+00	6.56E+00	No
U3R-2A ETF Outfall at Road C	Pu-239	19-Feb-13	1.18E-02	1.40E-02	No
U3R-2A ETF Outfall at Road C	Pu-239	25-Feb-13	1.39E-02	9.86E-03	No
U3R-2A ETF Outfall at Road C	Pu-239	4-Mar-13	2.14E-03	7.78E-03	No
U3R-2A ETF Outfall at Road C	Pu-239	11-Mar-13	7.19E-03	7.25E-03	No
U3R-2A ETF Outfall at Road C	Pu-239	18-Mar-13	2.21E-03	8.04E-03	No
U3R-2A ETF Outfall at Road C	Pu-239	25-Mar-13	1.46E-02	1.08E-02	No
U3R-2A ETF Outfall at Road C	Pu-239	1-Apr-13	6.76E-03	6.79E-03	No
U3R-2A ETF Outfall at Road C	Pu-239	8-Apr-13	8.89E-03	1.05E-02	No
U3R-2A ETF Outfall at Road C	Pu-239	15-Apr-13	2.81E-03	1.01E-02	No
U3R-2A ETF Outfall at Road C	Pu-239	22-Apr-13	1.22E-02	9.13E-03	No
U3R-2A ETF Outfall at Road C	Pu-239	6-May-13	-4.54E-03	4.65E-03	No
U3R-2A ETF Outfall at Road C	Pu-239	13-May-13	2.05E-03	7.80E-03	No
U3R-2A ETF Outfall at Road C	Pu-239	20-May-13	2.19E-03	7.89E-03	No
U3R-2A ETF Outfall at Road C	Pu-239	24-Jun-13	8.35E-03	9.86E-03	No
U3R-2A ETF Outfall at Road C	Pu-239	1-Jul-13	1.34E-02	9.63E-03	No
U3R-2A ETF Outfall at Road C	Pu-239	8-Jul-13	2.21E-03	8.12E-03	No
U3R-2A ETF Outfall at Road C	Pu-239	15-Jul-13	-3.30E-05	6.86E-04	No
U3R-2A ETF Outfall at Road C	Pu-239	22-Jul-13	-3.30E-05	6.72E-04	No
U3R-2A ETF Outfall at Road C	Pu-239	29-Jul-13	7.38E-03	7.52E-03	No
U3R-2A ETF Outfall at Road C	Pu-239	5-Aug-13	2.26E-02	1.33E-02	No
U3R-2A ETF Outfall at Road C	Pu-239	12-Aug-13	2.81E-02	1.45E-02	Yes
U3R-2A ETF Outfall at Road C	Pu-239	19-Aug-13	-2.14E-03	8.76E-03	No
U3R-2A ETF Outfall at Road C	Pu-239	26-Aug-13	6.84E-03	6.91E-03	No
U3R-2A ETF Outfall at Road C	Pu-239	3-Sep-13	-1.11E-05	2.25E-04	No
U3R-2A ETF Outfall at Road C	Pu-239	9-Sep-13	2.46E-03	8.92E-03	No
U3R-2A ETF Outfall at Road C	Pu-239	16-Sep-13	3.84E-02	1.64E-02	Yes
U3R-2A ETF Outfall at Road C	Pu-239	23-Sep-13	1.26E-02	9.24E-03	No
U3R-2A ETF Outfall at Road C	Pu-239	1-Oct-13	2.09E-03	1.42E-02	No
U3R-2A ETF Outfall at Road C	Pu-239	14-Oct-13	8.78E-03	1.04E-02	No
U3R-2A ETF Outfall at Road C	Pu-239	9-Dec-13	-7.11E-05	1.49E-03	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
U3R-2A ETF Outfall at Road C	Pu-239	23-Dec-13	1.25E-02	9.24E-03	No
U3R-2A ETF Outfall at Road C	Pu-239	30-Dec-13	-7.11E-05	1.48E-03	No
Miscellaneous					
HP-52 H-Area Tank Farm	Pu-239	5-Feb-13	1.69E-03	1.69E-03	No
HP-52 H-Area Tank Farm	Pu-239	5-Mar-13	1.81E-03	1.96E-03	No
HP-52 H-Area Tank Farm	Pu-239	2-Apr-13	5.57E-04	2.05E-03	No
HP-52 H-Area Tank Farm	Pu-239	7-May-13	7.03E-03	3.83E-03	No
HP-52 H-Area Tank Farm	Pu-239	4-Jun-13	1.59E-03	1.49E+00	No
HP-52 H-Area Tank Farm	Pu-239	2-Jul-13	3.59E-03	2.86E-03	No
HP-52 H-Area Tank Farm	Pu-239	6-Aug-13	5.08E-03	1.67E+00	No
HP-52 H-Area Tank Farm	Pu-239	3-Sep-13	-5.89E-04	2.44E-03	No
HP-52 H-Area Tank Farm	Pu-239	3-Dec-13	5.70E-03	3.71E-03	No
Onsite					
F-012 281-8F Retention Basin	Am-241	17-Feb-13	8.43E-03	8.44E-03	No
F-012 281-8F Retention Basin	Am-241	1-Mar-13	0.00E+00	7.42E+00	No
F-012 281-8F Retention Basin	Am-241	28-Mar-13	2.81E-03	1.01E-02	No
F-012 281-8F Retention Basin	Am-241	5-May-13	-1.16E-02	8.19E-03	No
F-012 281-8F Retention Basin	Am-241	16-Jun-13	7.84E-03	7.99E-03	No
F-012 281-8F Retention Basin	Am-241	26-Jun-13	7.92E-03	7.95E-03	No
F-012 281-8F Retention Basin	Am-241	13-Jul-13	0.00E+00	7.29E+00	No
F-012 281-8F Retention Basin	Am-241	29-Jul-13	2.92E-03	1.05E-02	No
F-012 281-8F Retention Basin	Am-241	7-Aug-13	8.32E-03	8.35E-03	No
F-012 281-8F Retention Basin	Am-241	23-Aug-13	0.00E+00	7.80E+00	No
F-012 281-8F Retention Basin	Am-241	13-Dec-13	8.05E-03	8.09E-03	No
F-012 281-8F Retention Basin	Am-241	1-Jan-14	-5.49E-03	5.50E-03	No
F-013 200-F Cooling Basin	Am-241	5-Mar-13	3.14E-02	1.59E-02	No
F-013 200-F Cooling Basin	Am-241	9-May-13	4.19E-02	1.90E-02	No
F-013 200-F Cooling Basin	Am-241	12-Jun-13	5.78E-02	2.24E-02	Yes
F-013 200-F Cooling Basin	Am-241	29-Jul-13	7.68E-03	7.69E-03	No
F-013 200-F Cooling Basin	Am-241	7-Aug-13	0.00E+00	7.49E+00	No
F-013 200-F Cooling Basin	Am-241	22-Aug-13	0.00E+00	7.09E+00	No
F-013 200-F Cooling Basin	Am-241	3-Sep-13	0.00E+00	7.45E+00	No
F-013 200-F Cooling Basin	Am-241	9-Sep-13	2.47E-02	1.44E-02	No
F-013 200-F Cooling Basin	Am-241	21-Oct-13	8.86E-02	2.76E-02	Yes
F-013 200-F Cooling Basin	Am-241	17-Dec-13	3.27E-02	1.65E-02	No
F-05	Am-241	4-Feb-13	3.14E-02	1.11E-02	Yes
F-05	Am-241	4-Mar-13	1.89E-02	5.85E-03	Yes
F-05	Am-241	1-Apr-13	1.46E-02	5.01E-03	Yes
F-05	Am-241	6-May-13	7.03E-03	3.58E-03	No
F-05	Am-241	3-Jun-13	1.27E-02	4.88E-03	Yes
F-05	Am-241	1-Jul-13	2.89E-02	7.28E-03	Yes
F-05	Am-241	5-Aug-13	1.05E-02	4.56E-03	Yes
F-05	Am-241	3-Sep-13	3.41E-02	8.33E-03	Yes
F-05	Am-241	2-Dec-13	0.00E+00	1.55E+00	No
F-05	Am-241	6-Jan-14	1.78E-02	5.50E-03	Yes
FM-1C H-Area Effluent	Am-241	4-Feb-13	1.52E-02	5.16E-03	Yes
FM-1C H-Area Effluent	Am-241	4-Mar-13	1.49E-02	5.25E-03	Yes

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
FM-1C H-Area Effluent	Am-241	1-Apr-13	2.04E-01	2.34E-02	Yes
FM-1C H-Area Effluent	Am-241	6-May-13	1.94E-03	1.98E-03	No
FM-1C H-Area Effluent	Am-241	3-Jun-13	1.34E-02	4.83E-03	Yes
FM-1C H-Area Effluent	Am-241	1-Jul-13	1.67E-02	5.40E-03	Yes
FM-1C H-Area Effluent	Am-241	5-Aug-13	1.21E-02	4.63E-03	Yes
FM-1C H-Area Effluent	Am-241	3-Sep-13	6.62E-03	3.33E-03	Yes
FM-1C H-Area Effluent	Am-241	7-Oct-13	3.38E-03	2.41E-03	No
FM-1C H-Area Effluent	Am-241	4-Nov-13	4.73E-03	2.78E-03	No
FM-1C H-Area Effluent	Am-241	2-Dec-13	7.89E-03	3.57E-03	Yes
FM-1C H-Area Effluent	Am-241	6-Jan-14	1.57E-02	5.33E-03	Yes
FM-3 F-Area Effluent	Am-241	4-Feb-13	1.72E-03	1.73E-03	No
FM-3 F-Area Effluent	Am-241	4-Mar-13	4.92E-03	2.86E-03	No
FM-3 F-Area Effluent	Am-241	1-Apr-13	1.47E-02	5.05E-03	Yes
FM-3 F-Area Effluent	Am-241	6-May-13	1.80E-03	1.83E-03	No
FM-3 F-Area Effluent	Am-241	3-Jun-13	1.78E-03	1.78E-03	No
FM-3 F-Area Effluent	Am-241	1-Jul-13	1.15E-02	4.41E-03	Yes
FM-3 F-Area Effluent	Am-241	5-Aug-13	3.78E-03	3.01E-03	No
FM-3 F-Area Effluent	Am-241	3-Sep-13	1.08E-02	4.73E-03	Yes
FM-3 F-Area Effluent	Am-241	7-Oct-13	5.11E-03	2.96E-03	No
FM-3 F-Area Effluent	Am-241	4-Nov-13	5.00E-03	2.94E-03	No
FM-3 F-Area Effluent	Am-241	2-Dec-13	0.00E+00	1.45E+00	No
FM-3 F-Area Effluent	Am-241	6-Jan-14	-1.16E-03	1.17E-03	No
H-017 281-8H Retention Basin	Am-241	26-Jan-13	4.00E-01	6.46E-02	Yes
H-017 281-8H Retention Basin	Am-241	17-Feb-13	2.43E-02	1.41E-02	No
H-017 281-8H Retention Basin	Am-241	27-Feb-13	3.70E-02	2.00E-02	No
H-017 281-8H Retention Basin	Am-241	21-Mar-13	1.20E-01	3.21E-02	Yes
H-017 281-8H Retention Basin	Am-241	27-Mar-13	6.46E-02	2.33E-02	No
H-017 281-8H Retention Basin	Am-241	5-Apr-13	7.49E-02	2.55E-02	Yes
H-017 281-8H Retention Basin	Am-241	17-Apr-13	1.35E-01	3.70E-02	Yes
H-017 281-8H Retention Basin	Am-241	3-May-13	6.81E-02	2.46E-02	Yes
H-017 281-8H Retention Basin	Am-241	11-May-13	2.76E-02	1.76E-02	No
H-017 281-8H Retention Basin	Am-241	15-Jun-13	1.53E-02	1.10E-02	No
H-017 281-8H Retention Basin	Am-241	26-Jun-13	5.41E-02	2.36E-02	Yes
H-017 281-8H Retention Basin	Am-241	6-Jul-13	3.43E-02	1.73E-02	No
H-017 281-8H Retention Basin	Am-241	18-Jul-13	2.41E-02	1.40E-02	No
H-017 281-8H Retention Basin	Am-241	27-Jul-13	1.13E-02	1.32E-02	No
H-017 281-8H Retention Basin	Am-241	7-Aug-13	3.35E-02	1.69E-02	Yes
H-017 281-8H Retention Basin	Am-241	17-Aug-13	4.97E-02	2.05E-02	Yes
H-017 281-8H Retention Basin	Am-241	20-Aug-13	1.04E-02	1.22E-02	No
H-017 281-8H Retention Basin	Am-241	19-Sep-13	6.68E-02	2.50E-02	Yes
H-017 281-8H Retention Basin	Am-241	9-Oct-13	1.18E-01	3.25E-02	Yes
H-017 281-8H Retention Basin	Am-241	5-Nov-13	2.35E-01	4.88E-02	Yes
H-017 281-8H Retention Basin	Am-241	6-Dec-13	3.27E-01	5.63E-02	Yes
TB-3 M-Area Effluent at Road D	Am-241	4-Feb-13	2.42E-02	1.41E-02	No
U3R-2A ETF Outfall at Road C	Am-241	7-Jan-13	6.30E-03	5.67E+00	No
U3R-2A ETF Outfall at Road C	Am-241	22-Jan-13	0.00E+00	5.72E+00	No
U3R-2A ETF Outfall at Road C	Am-241	4-Feb-13	2.54E-03	9.17E-03	No
U3R-2A ETF Outfall at Road C	Am-241	11-Feb-13	0.00E+00	6.29E+00	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
U3R-2A ETF Outfall at Road C	Am-241	19-Feb-13	1.36E-02	9.67E-03	No
U3R-2A ETF Outfall at Road C	Am-241	25-Feb-13	-4.62E-03	4.63E-03	No
U3R-2A ETF Outfall at Road C	Am-241	4-Mar-13	8.62E-03	1.01E-02	No
U3R-2A ETF Outfall at Road C	Am-241	11-Mar-13	-4.46E-03	4.47E-03	No
U3R-2A ETF Outfall at Road C	Am-241	18-Mar-13	1.25E-02	8.88E-03	No
U3R-2A ETF Outfall at Road C	Am-241	25-Mar-13	-1.25E-05	1.97E-04	No
U3R-2A ETF Outfall at Road C	Am-241	1-Apr-13	-1.37E-05	2.15E-04	No
U3R-2A ETF Outfall at Road C	Am-241	8-Apr-13	6.76E-03	6.82E-03	No
U3R-2A ETF Outfall at Road C	Am-241	15-Apr-13	-4.65E-03	4.63E-03	No
U3R-2A ETF Outfall at Road C	Am-241	22-Apr-13	-1.25E-05	1.98E-04	No
U3R-2A ETF Outfall at Road C	Am-241	6-May-13	6.92E-03	6.96E-03	No
U3R-2A ETF Outfall at Road C	Am-241	13-May-13	0.00E+00	6.39E+00	No
U3R-2A ETF Outfall at Road C	Am-241	20-May-13	9.11E-03	1.07E-02	No
U3R-2A ETF Outfall at Road C	Am-241	24-Jun-13	6.78E-03	6.79E-03	No
U3R-2A ETF Outfall at Road C	Am-241	1-Jul-13	2.23E-03	8.03E-03	No
U3R-2A ETF Outfall at Road C	Am-241	8-Jul-13	6.49E-03	6.51E-03	No
U3R-2A ETF Outfall at Road C	Am-241	15-Jul-13	2.36E-03	8.50E-03	No
U3R-2A ETF Outfall at Road C	Am-241	22-Jul-13	2.54E-03	9.17E-03	No
U3R-2A ETF Outfall at Road C	Am-241	29-Jul-13	-4.41E-03	4.42E-03	No
U3R-2A ETF Outfall at Road C	Am-241	5-Aug-13	0.00E+00	5.80E+00	No
U3R-2A ETF Outfall at Road C	Am-241	12-Aug-13	6.43E-03	6.44E-03	No
U3R-2A ETF Outfall at Road C	Am-241	19-Aug-13	-4.73E-03	4.74E-03	No
U3R-2A ETF Outfall at Road C	Am-241	26-Aug-13	6.76E-03	6.76E-03	No
U3R-2A ETF Outfall at Road C	Am-241	3-Sep-13	-8.62E-03	6.13E-03	No
U3R-2A ETF Outfall at Road C	Am-241	9-Sep-13	0.00E+00	5.96E+00	No
U3R-2A ETF Outfall at Road C	Am-241	16-Sep-13	0.00E+00	6.10E+00	No
U3R-2A ETF Outfall at Road C	Am-241	23-Sep-13	0.00E+00	6.21E+00	No
U3R-2A ETF Outfall at Road C	Am-241	1-Oct-13	0.00E+00	6.28E+00	No
U3R-2A ETF Outfall at Road C	Am-241	14-Oct-13	-1.37E-05	2.16E-04	No
U3R-2A ETF Outfall at Road C	Am-241	9-Dec-13	6.84E-03	6.85E-03	No
U3R-2A ETF Outfall at Road C	Am-241	23-Dec-13	1.34E-02	9.52E-03	No
U3R-2A ETF Outfall at Road C	Am-241	30-Dec-13	0.00E+00	5.98E+00	No

Miscellaneous

HP-52 H-Area Tank Farm	Am-241	5-Feb-13	1.73E-02	5.85E-03	No
HP-52 H-Area Tank Farm	Am-241	5-Mar-13	5.35E-03	3.28E-03	No
HP-52 H-Area Tank Farm	Am-241	2-Apr-13	3.41E-03	2.78E-03	No
HP-52 H-Area Tank Farm	Am-241	7-May-13	8.76E-03	4.26E-03	Yes
HP-52 H-Area Tank Farm	Am-241	4-Jun-13	4.92E-03	3.05E-03	Yes
HP-52 H-Area Tank Farm	Am-241	2-Jul-13	1.65E-03	1.72E-03	No
HP-52 H-Area Tank Farm	Am-241	6-Aug-13	5.76E-03	3.71E-03	No
HP-52 H-Area Tank Farm	Am-241	3-Sep-13	1.39E-02	5.14E-03	Yes
HP-52 H-Area Tank Farm	Am-241	3-Dec-13	7.78E-03	3.60E-03	Yes

Onsite

F-012 281-8F Retention Basin	Cm-244	17-Feb-13	0.00E+00	7.23E+00	No
F-012 281-8F Retention Basin	Cm-244	1-Mar-13	2.55E-02	1.49E-02	No
F-012 281-8F Retention Basin	Cm-244	28-Mar-13	-5.57E-03	5.57E-03	No
F-012 281-8F Retention Basin	Cm-244	5-May-13	8.51E-03	8.63E-03	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
F-012 281-8F Retention Basin	Cm-244	16-Jun-13	0.00E+00	6.83E+00	No
F-012 281-8F Retention Basin	Cm-244	26-Jun-13	1.56E-02	1.11E-02	No
F-012 281-8F Retention Basin	Cm-244	13-Jul-13	0.00E+00	7.32E+00	No
F-012 281-8F Retention Basin	Cm-244	29-Jul-13	0.00E+00	7.42E+00	No
F-012 281-8F Retention Basin	Cm-244	7-Aug-13	1.10E-02	1.29E-02	No
F-012 281-8F Retention Basin	Cm-244	23-Aug-13	0.00E+00	7.83E+00	No
F-012 281-8F Retention Basin	Cm-244	13-Dec-13	1.59E-02	1.13E-02	No
F-012 281-8F Retention Basin	Cm-244	1-Jan-14	0.00E+00	7.14E+00	No
F-013 200-F Cooling Basin	Cm-244	5-Mar-13	7.73E-03	7.79E-03	No
F-013 200-F Cooling Basin	Cm-244	9-May-13	1.94E-02	1.55E-02	No
F-013 200-F Cooling Basin	Cm-244	12-Jun-13	1.31E-01	3.39E-02	Yes
F-013 200-F Cooling Basin	Cm-244	29-Jul-13	0.00E+00	7.22E+00	No
F-013 200-F Cooling Basin	Cm-244	7-Aug-13	2.46E-02	1.43E-02	No
F-013 200-F Cooling Basin	Cm-244	22-Aug-13	-5.14E-03	5.15E-03	No
F-013 200-F Cooling Basin	Cm-244	3-Sep-13	-5.43E-03	5.45E-03	No
F-013 200-F Cooling Basin	Cm-244	9-Sep-13	2.44E-02	1.42E-02	No
F-013 200-F Cooling Basin	Cm-244	21-Oct-13	1.04E-01	2.95E-02	Yes
F-013 200-F Cooling Basin	Cm-244	17-Dec-13	4.05E-02	1.82E-02	Yes
F-05	Cm-244	4-Feb-13	3.32E-03	3.33E-03	No
F-05	Cm-244	4-Mar-13	5.08E-03	3.00E-03	No
F-05	Cm-244	1-Apr-13	6.41E-03	3.24E-03	No
F-05	Cm-244	6-May-13	2.30E-03	2.81E-03	No
F-05	Cm-244	3-Jun-13	3.57E-03	2.55E-03	No
F-05	Cm-244	1-Jul-13	3.92E-03	3.13E-03	No
F-05	Cm-244	5-Aug-13	1.64E-03	1.64E-03	No
F-05	Cm-244	3-Sep-13	1.05E-02	4.34E-03	Yes
F-05	Cm-244	2-Dec-13	-1.11E-03	1.56E+00	No
F-05	Cm-244	6-Jan-14	1.60E-03	1.70E-03	No
FM-1C H-Area Effluent	Cm-244	4-Feb-13	1.00E-02	4.13E-03	Yes
FM-1C H-Area Effluent	Cm-244	4-Mar-13	9.46E-03	3.95E-03	Yes
FM-1C H-Area Effluent	Cm-244	1-Apr-13	8.86E-02	1.36E-02	Yes
FM-1C H-Area Effluent	Cm-244	6-May-13	3.19E-03	3.88E-03	No
FM-1C H-Area Effluent	Cm-244	3-Jun-13	1.65E-03	1.66E-03	No
FM-1C H-Area Effluent	Cm-244	1-Jul-13	9.86E-03	4.09E-03	Yes
FM-1C H-Area Effluent	Cm-244	5-Aug-13	6.81E-03	3.44E-03	No
FM-1C H-Area Effluent	Cm-244	3-Sep-13	8.19E-03	3.70E-03	Yes
FM-1C H-Area Effluent	Cm-244	7-Oct-13	5.00E-03	2.97E-03	No
FM-1C H-Area Effluent	Cm-244	4-Nov-13	6.22E-03	3.12E-03	No
FM-1C H-Area Effluent	Cm-244	2-Dec-13	5.19E-04	1.87E-03	No
FM-1C H-Area Effluent	Cm-244	6-Jan-14	6.89E-03	3.45E-03	Yes
FM-3 F-Area Effluent	Cm-244	4-Feb-13	2.27E-03	2.67E-03	No
FM-3 F-Area Effluent	Cm-244	4-Mar-13	-3.54E-06	2.21E-04	No
FM-3 F-Area Effluent	Cm-244	1-Apr-13	1.62E-02	5.25E-03	Yes
FM-3 F-Area Effluent	Cm-244	6-May-13	-1.20E-03	1.29E-03	No
FM-3 F-Area Effluent	Cm-244	3-Jun-13	3.49E-03	2.49E-03	No
FM-3 F-Area Effluent	Cm-244	1-Jul-13	3.24E-03	2.30E-03	No
FM-3 F-Area Effluent	Cm-244	5-Aug-13	1.60E-03	1.60E-03	No
FM-3 F-Area Effluent	Cm-244	3-Sep-13	1.69E-02	5.48E-03	Yes

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
FM-3 F-Area Effluent	Cm-244	7-Oct-13	8.41E-03	3.88E-03	Yes
FM-3 F-Area Effluent	Cm-244	4-Nov-13	3.30E-03	2.33E-03	No
FM-3 F-Area Effluent	Cm-244	2-Dec-13	1.17E-02	4.50E-03	Yes
FM-3 F-Area Effluent	Cm-244	6-Jan-14	0.00E+00	1.57E+00	No
H-017 281-8H Retention Basin	Cm-244	26-Jan-13	4.24E-02	1.92E-02	Yes
H-017 281-8H Retention Basin	Cm-244	17-Feb-13	3.19E-02	1.61E-02	Yes
H-017 281-8H Retention Basin	Cm-244	27-Feb-13	2.52E-02	1.47E-02	No
H-017 281-8H Retention Basin	Cm-244	21-Mar-13	7.86E-03	7.93E-03	No
H-017 281-8H Retention Basin	Cm-244	27-Mar-13	7.97E-03	8.00E-03	No
H-017 281-8H Retention Basin	Cm-244	5-Apr-13	1.09E-02	1.29E-02	No
H-017 281-8H Retention Basin	Cm-244	17-Apr-13	1.73E-02	1.24E-02	No
H-017 281-8H Retention Basin	Cm-244	3-May-13	8.35E-03	8.47E-03	No
H-017 281-8H Retention Basin	Cm-244	11-May-13	3.27E-02	1.65E-02	No
H-017 281-8H Retention Basin	Cm-244	15-Jun-13	0.00E+00	6.92E+00	No
H-017 281-8H Retention Basin	Cm-244	26-Jun-13	8.43E-03	8.45E-03	No
H-017 281-8H Retention Basin	Cm-244	6-Jul-13	1.69E-02	1.20E-02	No
H-017 281-8H Retention Basin	Cm-244	18-Jul-13	-2.64E-03	1.09E-02	No
H-017 281-8H Retention Basin	Cm-244	27-Jul-13	1.95E-02	1.56E-02	No
H-017 281-8H Retention Basin	Cm-244	7-Aug-13	8.27E-03	8.28E-03	No
H-017 281-8H Retention Basin	Cm-244	17-Aug-13	8.16E-03	8.17E-03	No
H-017 281-8H Retention Basin	Cm-244	20-Aug-13	-5.14E-03	5.14E-03	No
H-017 281-8H Retention Basin	Cm-244	19-Sep-13	1.58E-02	1.13E-02	No
H-017 281-8H Retention Basin	Cm-244	9-Oct-13	1.66E-02	1.18E-02	No
H-017 281-8H Retention Basin	Cm-244	5-Nov-13	1.98E-02	1.58E-02	No
H-017 281-8H Retention Basin	Cm-244	6-Dec-13	2.41E-02	1.40E-02	No
TB-3 M-Area Effluent at Road D	Cm-244	4-Feb-13	7.97E-03	8.00E-03	No
U3R-2A ETF Outfall at Road C	Cm-244	7-Jan-13	0.00E+00	5.68E+00	No
U3R-2A ETF Outfall at Road C	Cm-244	22-Jan-13	0.00E+00	5.74E+00	No
U3R-2A ETF Outfall at Road C	Cm-244	4-Feb-13	7.54E-03	7.55E-03	No
U3R-2A ETF Outfall at Road C	Cm-244	11-Feb-13	0.00E+00	6.30E+00	No
U3R-2A ETF Outfall at Road C	Cm-244	19-Feb-13	-4.49E-03	4.49E-03	No
U3R-2A ETF Outfall at Road C	Cm-244	25-Feb-13	0.00E+00	5.86E+00	No
U3R-2A ETF Outfall at Road C	Cm-244	4-Mar-13	-1.42E-05	2.20E-04	No
U3R-2A ETF Outfall at Road C	Cm-244	11-Mar-13	-1.42E-05	2.24E-04	No
U3R-2A ETF Outfall at Road C	Cm-244	18-Mar-13	1.23E-02	8.80E-03	No
U3R-2A ETF Outfall at Road C	Cm-244	25-Mar-13	-4.49E-03	4.47E-03	No
U3R-2A ETF Outfall at Road C	Cm-244	1-Apr-13	-6.76E-06	1.06E-04	No
U3R-2A ETF Outfall at Road C	Cm-244	8-Apr-13	-4.49E-03	4.47E-03	No
U3R-2A ETF Outfall at Road C	Cm-244	15-Apr-13	-4.57E-03	4.56E-03	No
U3R-2A ETF Outfall at Road C	Cm-244	22-Apr-13	-3.68E-05	5.87E-04	No
U3R-2A ETF Outfall at Road C	Cm-244	6-May-13	-3.68E-05	5.77E-04	No
U3R-2A ETF Outfall at Road C	Cm-244	13-May-13	2.25E-03	6.40E+00	No
U3R-2A ETF Outfall at Road C	Cm-244	20-May-13	-8.97E-03	6.37E-03	No
U3R-2A ETF Outfall at Road C	Cm-244	24-Jun-13	6.68E-03	6.70E-03	No
U3R-2A ETF Outfall at Road C	Cm-244	1-Jul-13	0.00E+00	6.24E+00	No
U3R-2A ETF Outfall at Road C	Cm-244	8-Jul-13	0.00E+00	6.04E+00	No
U3R-2A ETF Outfall at Road C	Cm-244	15-Jul-13	7.00E-03	7.01E-03	No
U3R-2A ETF Outfall at Road C	Cm-244	22-Jul-13	7.54E-03	7.56E-03	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
U3R-2A ETF Outfall at Road C	Cm-244	29-Jul-13	2.18E-03	7.86E-03	No
U3R-2A ETF Outfall at Road C	Cm-244	5-Aug-13	0.00E+00	5.82E+00	No
U3R-2A ETF Outfall at Road C	Cm-244	12-Aug-13	-8.46E-03	6.01E-03	No
U3R-2A ETF Outfall at Road C	Cm-244	19-Aug-13	2.33E-03	8.40E-03	No
U3R-2A ETF Outfall at Road C	Cm-244	26-Aug-13	2.00E-02	1.16E-02	No
U3R-2A ETF Outfall at Road C	Cm-244	3-Sep-13	6.41E-03	6.41E-03	No
U3R-2A ETF Outfall at Road C	Cm-244	9-Sep-13	0.00E+00	5.98E+00	No
U3R-2A ETF Outfall at Road C	Cm-244	16-Sep-13	-2.51E-05	3.88E-04	No
U3R-2A ETF Outfall at Road C	Cm-244	23-Sep-13	9.03E-03	1.07E-02	No
U3R-2A ETF Outfall at Road C	Cm-244	1-Oct-13	-2.51E-05	3.96E-04	No
U3R-2A ETF Outfall at Road C	Cm-244	14-Oct-13	6.46E-03	6.46E-03	No
U3R-2A ETF Outfall at Road C	Cm-244	9-Dec-13	9.00E-03	1.06E-02	No
U3R-2A ETF Outfall at Road C	Cm-244	23-Dec-13	0.00E+00	5.91E+00	No
U3R-2A ETF Outfall at Road C	Cm-244	30-Dec-13	0.00E+00	5.99E+00	No

Miscellaneous

HP-52 H-Area Tank Farm	Cm-244	5-Feb-13	1.66E-03	1.67E-03	No
HP-52 H-Area Tank Farm	Cm-244	5-Mar-13	0.00E+00	1.55E+00	No
HP-52 H-Area Tank Farm	Cm-244	2-Apr-13	0.00E+00	1.53E+00	No
HP-52 H-Area Tank Farm	Cm-244	7-May-13	5.41E-04	1.44E+00	No
HP-52 H-Area Tank Farm	Cm-244	4-Jun-13	0.00E+00	1.41E+00	No
HP-52 H-Area Tank Farm	Cm-244	2-Jul-13	0.00E+00	1.49E+00	No
HP-52 H-Area Tank Farm	Cm-244	6-Aug-13	3.41E-03	2.42E-03	No
HP-52 H-Area Tank Farm	Cm-244	3-Sep-13	1.72E-03	1.72E-03	No
HP-52 H-Area Tank Farm	Cm-244	3-Dec-13	-1.03E-03	1.03E-03	No

Onsite

F-012 281-8F Retention Basin	Tc-99	17-Feb-13	1.71E+00	7.48E-01	No
F-012 281-8F Retention Basin	Tc-99	1-Mar-13	1.80E+00	7.53E-01	No
F-012 281-8F Retention Basin	Tc-99	28-Mar-13	2.27E+00	8.72E-01	No
F-012 281-8F Retention Basin	Tc-99	5-May-13	2.76E-01	7.51E-01	No
F-012 281-8F Retention Basin	Tc-99	16-Jun-13	2.32E+00	7.87E-01	Yes
F-012 281-8F Retention Basin	Tc-99	26-Jun-13	7.30E-01	7.32E-01	No
F-012 281-8F Retention Basin	Tc-99	13-Jul-13	7.84E-01	7.64E-01	No
F-012 281-8F Retention Basin	Tc-99	29-Jul-13	2.11E+00	7.41E-01	Yes
F-012 281-8F Retention Basin	Tc-99	7-Aug-13	2.00E+00	7.49E-01	Yes
F-012 281-8F Retention Basin	Tc-99	23-Aug-13	4.84E-01	7.30E-01	No
F-012 281-8F Retention Basin	Tc-99	13-Dec-13	1.60E+00	7.75E-01	No
F-012 281-8F Retention Basin	Tc-99	1-Jan-14	7.11E-01	7.74E-01	No
F-013 200-F Cooling Basin	Tc-99	5-Mar-13	5.54E-01	7.35E-01	No
F-013 200-F Cooling Basin	Tc-99	9-May-13	-3.35E-01	7.51E-01	No
F-013 200-F Cooling Basin	Tc-99	12-Jun-13	5.41E-06	8.55E-01	No
F-013 200-F Cooling Basin	Tc-99	29-Jul-13	1.54E+00	7.31E-01	No
F-013 200-F Cooling Basin	Tc-99	7-Aug-13	2.68E+00	7.34E-01	Yes
F-013 200-F Cooling Basin	Tc-99	22-Aug-13	1.95E+00	7.50E-01	No
F-013 200-F Cooling Basin	Tc-99	3-Sep-13	1.79E+00	7.48E-01	No
F-013 200-F Cooling Basin	Tc-99	9-Sep-13	1.65E-01	7.63E-01	No
F-013 200-F Cooling Basin	Tc-99	21-Oct-13	7.41E-01	7.75E-01	No
F-013 200-F Cooling Basin	Tc-99	17-Dec-13	5.46E-01	7.44E-01	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
F-05	Tc-99	4-Feb-13	6.14E+00	2.82E+00	No
F-05	Tc-99	4-Mar-13	8.78E-01	8.26E-01	No
F-05	Tc-99	1-Apr-13	1.52E+00	8.11E-01	No
F-05	Tc-99	6-May-13	2.14E+00	7.60E-01	Yes
F-05	Tc-99	3-Jun-13	4.11E+00	1.09E+00	Yes
F-05	Tc-99	1-Jul-13	8.62E-01	7.90E-01	No
F-05	Tc-99	5-Aug-13	2.04E+00	8.72E-01	No
F-05	Tc-99	3-Sep-13	2.03E+00	7.73E-01	No
F-05	Tc-99	2-Dec-13	3.70E-01	7.68E-01	No
F-05	Tc-99	6-Jan-14	1.07E+00	7.48E-01	No
FM-3 F-Area Effluent	Tc-99	4-Feb-13	2.78E-01	8.13E-01	No
FM-3 F-Area Effluent	Tc-99	4-Mar-13	9.49E-01	9.36E-01	No
FM-3 F-Area Effluent	Tc-99	1-Apr-13	6.32E-01	8.09E-01	No
FM-3 F-Area Effluent	Tc-99	6-May-13	2.84E-01	1.58E+00	No
FM-3 F-Area Effluent	Tc-99	3-Jun-13	2.56E+00	7.90E-01	Yes
FM-3 F-Area Effluent	Tc-99	1-Jul-13	1.11E+00	8.23E-01	No
FM-3 F-Area Effluent	Tc-99	5-Aug-13	2.84E+00	7.51E-01	Yes
FM-3 F-Area Effluent	Tc-99	3-Sep-13	2.58E+00	8.03E-01	Yes
FM-3 F-Area Effluent	Tc-99	7-Oct-13	3.84E+00	9.28E-01	Yes
FM-3 F-Area Effluent	Tc-99	4-Nov-13	1.39E+00	7.82E-01	No
FM-3 F-Area Effluent	Tc-99	2-Dec-13	6.84E-01	7.72E-01	No
FM-3 F-Area Effluent	Tc-99	6-Jan-14	2.14E+00	8.09E-01	No
H-017 281-8H Retention Basin	Tc-99	26-Jan-13	-4.24E-02	8.38E-01	No
H-017 281-8H Retention Basin	Tc-99	17-Feb-13	1.91E+00	7.51E-01	No
H-017 281-8H Retention Basin	Tc-99	27-Feb-13	8.81E-01	7.36E-01	No
H-017 281-8H Retention Basin	Tc-99	21-Mar-13	3.78E+00	7.92E-01	Yes
H-017 281-8H Retention Basin	Tc-99	27-Mar-13	7.30E-02	8.63E-01	No
H-017 281-8H Retention Basin	Tc-99	5-Apr-13	7.70E-01	8.88E-01	No
H-017 281-8H Retention Basin	Tc-99	17-Apr-13	2.54E+00	7.87E-01	Yes
H-017 281-8H Retention Basin	Tc-99	3-May-13	2.07E+00	7.77E-01	No
H-017 281-8H Retention Basin	Tc-99	11-May-13	3.92E+00	7.93E-01	Yes
H-017 281-8H Retention Basin	Tc-99	15-Jun-13	-8.68E-02	1.01E+00	No
H-017 281-8H Retention Basin	Tc-99	26-Jun-13	2.06E+00	7.52E-01	Yes
H-017 281-8H Retention Basin	Tc-99	6-Jul-13	9.24E-01	7.79E-01	No
H-017 281-8H Retention Basin	Tc-99	18-Jul-13	4.11E+00	7.85E-01	Yes
H-017 281-8H Retention Basin	Tc-99	27-Jul-13	6.00E+00	8.04E-01	Yes
H-017 281-8H Retention Basin	Tc-99	7-Aug-13	2.32E+00	7.44E-01	Yes
H-017 281-8H Retention Basin	Tc-99	17-Aug-13	2.70E+00	7.41E-01	Yes
H-017 281-8H Retention Basin	Tc-99	20-Aug-13	2.59E+00	7.60E-01	Yes
H-017 281-8H Retention Basin	Tc-99	19-Sep-13	2.28E+00	8.23E-01	Yes
H-017 281-8H Retention Basin	Tc-99	9-Oct-13	-1.80E-01	7.44E-01	No
H-017 281-8H Retention Basin	Tc-99	5-Nov-13	1.81E+00	7.81E-01	No
H-017 281-8H Retention Basin	Tc-99	6-Dec-13	1.05E+00	8.01E-01	No
Z-01 Outfall	Tc-99	13-Feb-13	3.27E+01	1.40E+00	Yes
Z-01 Outfall	Tc-99	10-Jun-13	4.65E+00	8.22E-01	Yes
Z-01 Outfall	Tc-99	17-Jun-13	8.43E+00	1.02E+00	Yes
Z-01 Outfall	Tc-99	10-Jul-13	3.27E+01	1.32E+00	Yes

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
Onsite					
F-012 281-8F Retention Basin	Gross B	17-Feb-13	2.22E+01	2.70E+00	Yes
F-012 281-8F Retention Basin	Gross B	1-Mar-13	1.58E+01	2.36E+00	Yes
F-012 281-8F Retention Basin	Gross B	28-Mar-13	1.52E+01	1.92E+00	Yes
F-012 281-8F Retention Basin	Gross B	5-May-13	2.22E+01	2.70E+00	Yes
F-012 281-8F Retention Basin	Gross B	16-Jun-13	2.11E+01	2.59E+00	Yes
F-012 281-8F Retention Basin	Gross B	26-Jun-13	1.80E+01	2.43E+00	Yes
F-012 281-8F Retention Basin	Gross B	13-Jul-13	1.13E+01	2.06E+00	Yes
F-012 281-8F Retention Basin	Gross B	29-Jul-13	1.65E+01	2.35E+00	Yes
F-012 281-8F Retention Basin	Gross B	7-Aug-13	1.33E+01	2.18E+00	Yes
F-012 281-8F Retention Basin	Gross B	23-Aug-13	1.65E+01	2.34E+00	Yes
F-012 281-8F Retention Basin	Gross B	13-Dec-13	1.95E+01	2.45E+00	Yes
F-012 281-8F Retention Basin	Gross B	1-Jan-14	1.58E+01	2.27E+00	Yes
F-013 200-F Cooling Basin	Gross B	5-Mar-13	3.92E+00	1.53E+00	No
F-013 200-F Cooling Basin	Gross B	9-May-13	2.89E+00	1.42E+00	No
F-013 200-F Cooling Basin	Gross B	12-Jun-13	9.49E+00	1.93E+00	Yes
F-013 200-F Cooling Basin	Gross B	29-Jul-13	8.14E+00	1.82E+00	Yes
F-013 200-F Cooling Basin	Gross B	7-Aug-13	6.95E+00	1.80E+00	Yes
F-013 200-F Cooling Basin	Gross B	22-Aug-13	4.11E+00	1.57E+00	No
F-013 200-F Cooling Basin	Gross B	3-Sep-13	4.57E+00	1.53E+00	Yes
F-013 200-F Cooling Basin	Gross B	9-Sep-13	3.41E+00	1.51E+00	No
F-013 200-F Cooling Basin	Gross B	21-Oct-13	2.26E+00	1.02E+00	No
F-013 200-F Cooling Basin	Gross B	17-Dec-13	4.70E+00	1.54E+00	Yes
F-05	Gross B	4-Feb-13	1.17E+01	1.81E+00	Yes
F-05	Gross B	4-Mar-13	4.38E+00	8.40E-01	Yes
F-05	Gross B	1-Apr-13	1.29E+01	1.24E+00	Yes
F-05	Gross B	6-May-13	3.05E+01	1.82E+00	Yes
F-05	Gross B	3-Jun-13	4.08E+01	2.13E+00	Yes
F-05	Gross B	1-Jul-13	8.14E+00	1.01E+00	Yes
F-05	Gross B	5-Aug-13	7.86E+00	1.00E+00	Yes
F-05	Gross B	3-Sep-13	2.04E+01	1.08E+00	Yes
F-05	Gross B	2-Dec-13	2.81E+00	7.24E-01	Yes
F-05	Gross B	6-Jan-14	6.86E+00	9.44E-01	Yes
FM-1C H-Area Effluent	Gross B	4-Feb-13	2.89E+00	7.49E-01	Yes
FM-1C H-Area Effluent	Gross B	4-Mar-13	4.16E+00	8.34E-01	Yes
FM-1C H-Area Effluent	Gross B	1-Apr-13	4.11E+00	8.53E-01	Yes
FM-1C H-Area Effluent	Gross B	6-May-13	2.73E+00	7.26E-01	Yes
FM-1C H-Area Effluent	Gross B	3-Jun-13	3.51E+00	5.71E-01	Yes
FM-1C H-Area Effluent	Gross B	1-Jul-13	4.57E+00	8.59E-01	Yes
FM-1C H-Area Effluent	Gross B	5-Aug-13	4.65E+00	8.76E-01	Yes
FM-1C H-Area Effluent	Gross B	3-Sep-13	8.59E+00	1.11E+00	Yes
FM-1C H-Area Effluent	Gross B	7-Oct-13	4.08E+00	8.15E-01	Yes
FM-1C H-Area Effluent	Gross B	4-Nov-13	2.50E+00	7.11E-01	Yes
FM-1C H-Area Effluent	Gross B	2-Dec-13	4.14E+00	8.37E-01	Yes
FM-1C H-Area Effluent	Gross B	6-Jan-14	3.38E+00	7.78E-01	Yes
FM-3 F-Area Effluent	Gross B	4-Feb-13	1.44E+00	6.13E-01	No
FM-3 F-Area Effluent	Gross B	4-Mar-13	2.97E+00	7.41E-01	Yes
FM-3 F-Area Effluent	Gross B	1-Apr-13	8.73E-02	5.45E-01	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
FM-3 F-Area Effluent	Gross B	6-May-13	2.36E+00	6.79E-01	Yes
FM-3 F-Area Effluent	Gross B	3-Jun-13	2.81E+00	5.39E-01	Yes
FM-3 F-Area Effluent	Gross B	1-Jul-13	3.89E+00	8.18E-01	Yes
FM-3 F-Area Effluent	Gross B	5-Aug-13	2.44E+00	4.97E-01	Yes
FM-3 F-Area Effluent	Gross B	3-Sep-13	2.15E+00	6.63E-01	Yes
FM-3 F-Area Effluent	Gross B	7-Oct-13	4.30E+00	6.20E-01	Yes
FM-3 F-Area Effluent	Gross B	4-Nov-13	2.86E+00	7.28E-01	Yes
FM-3 F-Area Effluent	Gross B	2-Dec-13	2.73E+00	8.01E-01	Yes
FM-3 F-Area Effluent	Gross B	6-Jan-14	4.41E+00	8.48E-01	Yes
H-004	Gross B	4-Feb-13	3.81E-01	1.02E+00	No
H-004	Gross B	4-Mar-13	-5.86E-01	9.48E-01	No
H-004	Gross B	1-Apr-13	2.32E+00	1.01E+00	No
H-004	Gross B	6-May-13	1.41E+00	1.11E+00	No
H-004	Gross B	3-Jun-13	2.29E+00	8.10E-01	Yes
H-004	Gross B	1-Jul-13	1.25E+00	1.09E+00	No
H-004	Gross B	5-Aug-13	4.08E-01	9.56E-01	No
H-004	Gross B	29-Aug-13	5.11E-01	1.19E+00	No
H-004	Gross B	3-Sep-13	1.00E+00	1.05E+00	No
H-004	Gross B	7-Oct-13	3.62E+00	1.26E+00	Yes
H-004	Gross B	2-Dec-13	1.98E+00	1.16E+00	No
H-004	Gross B	6-Jan-14	2.06E+00	1.11E+00	No
H-017 281-8H Retention Basin	Gross B	26-Jan-13	2.29E+01	2.77E+00	Yes
H-017 281-8H Retention Basin	Gross B	17-Feb-13	2.84E+01	2.92E+00	Yes
H-017 281-8H Retention Basin	Gross B	27-Feb-13	3.16E+01	3.12E+00	Yes
H-017 281-8H Retention Basin	Gross B	21-Mar-13	3.00E+01	3.06E+00	Yes
H-017 281-8H Retention Basin	Gross B	27-Mar-13	2.34E+01	2.23E+00	Yes
H-017 281-8H Retention Basin	Gross B	5-Apr-13	3.00E+01	2.99E+00	Yes
H-017 281-8H Retention Basin	Gross B	17-Apr-13	3.70E+01	3.31E+00	Yes
H-017 281-8H Retention Basin	Gross B	3-May-13	3.43E+01	3.19E+00	Yes
H-017 281-8H Retention Basin	Gross B	11-May-13	3.14E+01	3.11E+00	Yes
H-017 281-8H Retention Basin	Gross B	15-Jun-13	4.78E+01	3.68E+00	Yes
H-017 281-8H Retention Basin	Gross B	26-Jun-13	7.43E+01	4.51E+00	Yes
H-017 281-8H Retention Basin	Gross B	6-Jul-13	5.11E+01	2.73E+00	Yes
H-017 281-8H Retention Basin	Gross B	18-Jul-13	9.30E+01	5.02E+00	Yes
H-017 281-8H Retention Basin	Gross B	27-Jul-13	5.32E+01	3.88E+00	Yes
H-017 281-8H Retention Basin	Gross B	7-Aug-13	5.46E+01	3.93E+00	Yes
H-017 281-8H Retention Basin	Gross B	17-Aug-13	2.13E+02	7.45E+00	Yes
H-017 281-8H Retention Basin	Gross B	20-Aug-13	1.11E+02	5.63E+00	Yes
H-017 281-8H Retention Basin	Gross B	19-Sep-13	1.07E+02	5.44E+00	Yes
H-017 281-8H Retention Basin	Gross B	9-Oct-13	7.78E+01	3.33E+00	Yes
H-017 281-8H Retention Basin	Gross B	5-Nov-13	2.32E+01	1.61E+00	Yes
H-017 281-8H Retention Basin	Gross B	6-Dec-13	6.32E+01	4.28E+00	Yes
HP-15 Tritium Facility Outfall	Gross B	4-Feb-13	1.39E+00	6.13E-01	No
HP-15 Tritium Facility Outfall	Gross B	4-Mar-13	2.51E+00	7.04E-01	Yes
HP-15 Tritium Facility Outfall	Gross B	1-Apr-13	1.28E-01	5.18E-01	No
HP-15 Tritium Facility Outfall	Gross B	6-May-13	-3.59E-01	4.48E-01	No
HP-15 Tritium Facility Outfall	Gross B	3-Jun-13	1.11E+00	4.08E-01	No
HP-15 Tritium Facility Outfall	Gross B	1-Jul-13	1.72E+00	6.32E-01	Yes

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
HP-15 Tritium Facility Outfall	Gross B	5-Aug-13	9.14E-01	5.60E-01	No
HP-15 Tritium Facility Outfall	Gross B	3-Sep-13	1.46E+00	5.98E-01	No
HP-15 Tritium Facility Outfall	Gross B	7-Oct-13	3.76E+00	7.84E-01	Yes
HP-15 Tritium Facility Outfall	Gross B	4-Nov-13	2.08E+00	6.60E-01	Yes
HP-15 Tritium Facility Outfall	Gross B	2-Dec-13	4.14E+00	8.06E-01	Yes
HP-15 Tritium Facility Outfall	Gross B	6-Jan-14	8.81E-01	5.74E-01	No
K Canal	Gross B	4-Feb-13	2.39E+00	6.83E-01	Yes
K Canal	Gross B	4-Mar-13	1.59E+00	6.29E-01	No
K Canal	Gross B	1-Apr-13	2.95E+00	7.37E-01	Yes
K Canal	Gross B	6-May-13	4.14E+00	7.98E-01	Yes
K Canal	Gross B	3-Jun-13	2.18E+00	4.69E-01	Yes
K Canal	Gross B	1-Jul-13	1.66E+00	6.24E-01	No
K Canal	Gross B	5-Aug-13	1.96E+00	6.29E-01	Yes
K Canal	Gross B	3-Sep-13	2.92E+00	7.03E-01	Yes
K Canal	Gross B	7-Oct-13	3.68E+00	7.69E-01	Yes
K Canal	Gross B	4-Nov-13	1.37E+00	5.74E-01	No
K Canal	Gross B	2-Dec-13	3.08E+00	7.31E-01	Yes
K Canal	Gross B	6-Jan-14	1.40E+00	6.03E-01	No
L-07	Gross B	4-Feb-13	2.04E+00	4.06E-01	Yes
L-07	Gross B	4-Mar-13	2.61E+00	4.48E-01	Yes
L-07	Gross B	1-Apr-13	1.36E+00	3.70E-01	Yes
L-07	Gross B	6-May-13	1.94E+00	4.00E-01	Yes
L-07	Gross B	3-Jun-13	2.24E+00	2.99E-01	Yes
L-07	Gross B	1-Jul-13	1.71E+00	3.88E-01	Yes
L-07	Gross B	5-Aug-13	2.21E+00	4.07E-01	Yes
L-07	Gross B	3-Sep-13	1.34E+00	3.46E-01	Yes
L-07	Gross B	7-Oct-13	2.58E+00	4.34E-01	Yes
L-07	Gross B	4-Nov-13	1.84E+00	3.75E-01	Yes
L-07	Gross B	2-Dec-13	2.05E+00	4.11E-01	Yes
L-07	Gross B	6-Jan-14	1.69E+00	3.75E-01	Yes
S-004	Gross B	4-Feb-13	2.44E+01	2.48E+00	Yes
S-004	Gross B	4-Mar-13	1.04E+01	1.79E+00	Yes
S-004	Gross B	1-Apr-13	5.84E+00	1.23E+00	Yes
S-004	Gross B	6-May-13	1.99E+01	2.28E+00	Yes
S-004	Gross B	3-Jun-13	1.94E+01	1.64E+00	Yes
S-004	Gross B	1-Jul-13	2.12E+01	3.61E+00	Yes
S-004	Gross B	5-Aug-13	1.78E+01	3.38E+00	Yes
S-004	Gross B	3-Sep-13	6.92E+00	1.54E+00	Yes
S-004	Gross B	7-Oct-13	9.22E+00	1.70E+00	Yes
S-004	Gross B	4-Nov-13	6.24E+00	9.74E-01	Yes
S-004	Gross B	2-Dec-13	1.48E+01	2.00E+00	Yes
S-004	Gross B	6-Jan-14	2.81E+01	2.52E+00	Yes
TB-2 Outfall at Road 1A	Gross B	4-Feb-13	5.59E-01	3.32E-01	No
TB-2 Outfall at Road 1A	Gross B	4-Mar-13	1.01E+00	3.52E-01	Yes
TB-2 Outfall at Road 1A	Gross B	1-Apr-13	1.39E+00	3.71E-01	Yes
TB-2 Outfall at Road 1A	Gross B	6-May-13	1.48E+00	4.03E-01	Yes
TB-2 Outfall at Road 1A	Gross B	3-Jun-13	3.27E+00	3.57E-01	Yes
TB-2 Outfall at Road 1A	Gross B	1-Jul-13	1.86E+00	4.13E-01	Yes

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
TB-2 Outfall at Road 1A	Gross B	5-Aug-13	1.71E+00	3.80E-01	Yes
TB-2 Outfall at Road 1A	Gross B	3-Sep-13	1.23E+00	3.71E-01	Yes
TB-2 Outfall at Road 1A	Gross B	7-Oct-13	1.02E+00	3.47E-01	Yes
TB-2 Outfall at Road 1A	Gross B	4-Nov-13	4.35E-01	2.74E-01	No
TB-2 Outfall at Road 1A	Gross B	2-Dec-13	1.44E+00	3.74E-01	Yes
TB-2 Outfall at Road 1A	Gross B	6-Jan-14	1.03E+00	3.35E-01	Yes
TB-3 M-Area Effluent at Road D	Gross B	4-Feb-13	1.13E-01	1.00E+00	No
U3R-2A ETF Outfall at Road C	Gross B	7-Jan-13	2.63E+00	1.19E+00	No
U3R-2A ETF Outfall at Road C	Gross B	22-Jan-13	5.43E+00	1.41E+00	Yes
U3R-2A ETF Outfall at Road C	Gross B	4-Feb-13	4.62E+00	1.35E+00	Yes
U3R-2A ETF Outfall at Road C	Gross B	11-Feb-13	2.31E+00	1.15E+00	No
U3R-2A ETF Outfall at Road C	Gross B	19-Feb-13	4.38E+00	1.35E+00	Yes
U3R-2A ETF Outfall at Road C	Gross B	25-Feb-13	2.70E+00	1.19E+00	No
U3R-2A ETF Outfall at Road C	Gross B	4-Mar-13	1.22E+00	1.06E+00	No
U3R-2A ETF Outfall at Road C	Gross B	11-Mar-13	1.92E+00	1.12E+00	No
U3R-2A ETF Outfall at Road C	Gross B	18-Mar-13	2.95E+00	1.23E+00	No
U3R-2A ETF Outfall at Road C	Gross B	25-Mar-13	5.46E+00	1.43E+00	Yes
U3R-2A ETF Outfall at Road C	Gross B	1-Apr-13	6.38E-01	8.51E-01	No
U3R-2A ETF Outfall at Road C	Gross B	8-Apr-13	4.22E+00	1.31E+00	Yes
U3R-2A ETF Outfall at Road C	Gross B	15-Apr-13	3.49E+00	9.04E-01	Yes
U3R-2A ETF Outfall at Road C	Gross B	22-Apr-13	5.92E+00	1.44E+00	Yes
U3R-2A ETF Outfall at Road C	Gross B	6-May-13	8.89E+00	1.63E+00	Yes
U3R-2A ETF Outfall at Road C	Gross B	13-May-13	1.66E+01	2.07E+00	Yes
U3R-2A ETF Outfall at Road C	Gross B	20-May-13	1.37E+01	1.91E+00	Yes
U3R-2A ETF Outfall at Road C	Gross B	24-Jun-13	1.10E+01	1.75E+00	Yes
U3R-2A ETF Outfall at Road C	Gross B	1-Jul-13	1.75E+01	2.10E+00	Yes
U3R-2A ETF Outfall at Road C	Gross B	8-Jul-13	5.81E+02	8.04E+00	Yes
U3R-2A ETF Outfall at Road C	Gross B	15-Jul-13	1.44E+02	5.46E+00	Yes
U3R-2A ETF Outfall at Road C	Gross B	22-Jul-13	1.88E+02	6.23E+00	Yes
U3R-2A ETF Outfall at Road C	Gross B	29-Jul-13	9.89E+01	4.55E+00	Yes
U3R-2A ETF Outfall at Road C	Gross B	5-Aug-13	1.27E+02	5.25E+00	Yes
U3R-2A ETF Outfall at Road C	Gross B	12-Aug-13	6.81E+01	3.81E+00	Yes
U3R-2A ETF Outfall at Road C	Gross B	19-Aug-13	5.49E+00	1.38E+00	Yes
U3R-2A ETF Outfall at Road C	Gross B	26-Aug-13	2.25E+00	1.12E+00	No
U3R-2A ETF Outfall at Road C	Gross B	3-Sep-13	1.11E+00	7.85E-01	No
U3R-2A ETF Outfall at Road C	Gross B	9-Sep-13	1.42E+00	1.08E+00	No
U3R-2A ETF Outfall at Road C	Gross B	16-Sep-13	3.05E+00	8.76E-01	Yes
U3R-2A ETF Outfall at Road C	Gross B	23-Sep-13	1.08E-01	8.72E-01	No
U3R-2A ETF Outfall at Road C	Gross B	1-Oct-13	1.03E+00	1.04E+00	No
U3R-2A ETF Outfall at Road C	Gross B	14-Oct-13	2.26E+00	1.17E+00	No
U3R-2A ETF Outfall at Road C	Gross B	9-Dec-13	1.15E+00	1.06E+00	No
U3R-2A ETF Outfall at Road C	Gross B	23-Dec-13	9.24E-01	1.01E+00	No
U3R-2A ETF Outfall at Road C	Gross B	30-Dec-13	2.16E+00	1.12E+00	No
Z-01 Outfall	Gross B	13-Feb-13	1.11E+03	1.18E+01	Yes
Z-01 Outfall	Gross B	26-Feb-13	2.46E+03	1.78E+01	Yes
Z-01 Outfall	Gross B	7-May-13	4.27E+02	1.12E+01	Yes
Z-01 Outfall	Gross B	10-Jun-13	3.86E+02	6.79E+00	Yes
Z-01 Outfall	Gross B	10-Jun-13	6.59E+02	8.92E+00	Yes

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
Z-01 Outfall	Gross B	17-Jun-13	4.84E+02	7.78E+00	Yes
Z-01 Outfall	Gross B	10-Jul-13	1.43E+02	3.94E+00	Yes
Miscellaneous					
HP-52 H-Area Tank Farm	Gross B	5-Feb-13	5.19E+00	5.89E-01	Yes
HP-52 H-Area Tank Farm	Gross B	5-Mar-13	6.54E+00	6.39E-01	Yes
HP-52 H-Area Tank Farm	Gross B	2-Apr-13	6.49E+00	6.56E-01	Yes
HP-52 H-Area Tank Farm	Gross B	7-May-13	7.95E+00	7.04E-01	Yes
HP-52 H-Area Tank Farm	Gross B	4-Jun-13	8.46E+00	5.14E-01	Yes
HP-52 H-Area Tank Farm	Gross B	2-Jul-13	5.05E+00	5.79E-01	Yes
HP-52 H-Area Tank Farm	Gross B	6-Aug-13	6.68E+00	4.65E-01	Yes
HP-52 H-Area Tank Farm	Gross B	3-Sep-13	6.05E+00	4.26E-01	Yes
HP-52 H-Area Tank Farm	Gross B	3-Dec-13	5.00E+00	5.83E-01	Yes
Onsite					
F-012 281-8F Retention Basin	Gross A	17-Feb-13	2.76E+00	1.21E+00	Yes
F-012 281-8F Retention Basin	Gross A	1-Mar-13	1.39E+00	9.17E-01	No
F-012 281-8F Retention Basin	Gross A	28-Mar-13	1.12E+00	6.90E-01	No
F-012 281-8F Retention Basin	Gross A	5-May-13	1.42E+00	9.17E-01	No
F-012 281-8F Retention Basin	Gross A	16-Jun-13	9.92E-01	7.93E-01	No
F-012 281-8F Retention Basin	Gross A	26-Jun-13	5.49E-01	6.59E-01	No
F-012 281-8F Retention Basin	Gross A	13-Jul-13	5.27E-01	6.75E-01	No
F-012 281-8F Retention Basin	Gross A	29-Jul-13	5.30E-01	6.79E-01	No
F-012 281-8F Retention Basin	Gross A	7-Aug-13	5.24E-01	6.74E-01	No
F-012 281-8F Retention Basin	Gross A	23-Aug-13	-2.95E-01	1.35E-01	No
F-012 281-8F Retention Basin	Gross A	13-Dec-13	3.78E-01	6.05E-01	No
F-012 281-8F Retention Basin	Gross A	1-Jan-14	-4.38E-03	4.62E-01	No
F-013 200-F Cooling Basin	Gross A	5-Mar-13	1.09E+00	8.88E-01	No
F-013 200-F Cooling Basin	Gross A	9-May-13	1.23E+00	8.76E-01	No
F-013 200-F Cooling Basin	Gross A	12-Jun-13	1.08E-01	5.02E-01	No
F-013 200-F Cooling Basin	Gross A	29-Jul-13	1.83E-01	5.14E-01	No
F-013 200-F Cooling Basin	Gross A	7-Aug-13	1.51E+00	9.82E-01	No
F-013 200-F Cooling Basin	Gross A	22-Aug-13	3.11E+00	1.30E+00	Yes
F-013 200-F Cooling Basin	Gross A	3-Sep-13	-3.05E-01	1.41E-01	No
F-013 200-F Cooling Basin	Gross A	9-Sep-13	5.54E-01	7.05E-01	No
F-013 200-F Cooling Basin	Gross A	21-Oct-13	1.57E+00	7.65E-01	No
F-013 200-F Cooling Basin	Gross A	17-Dec-13	1.38E-02	4.92E-01	No
F-05	Gross A	4-Feb-13	1.07E+00	7.38E-01	No
F-05	Gross A	4-Mar-13	1.32E+00	5.32E-01	Yes
F-05	Gross A	1-Apr-13	4.35E-01	3.65E-01	No
F-05	Gross A	6-May-13	3.84E-01	3.39E-01	No
F-05	Gross A	3-Jun-13	1.15E+00	5.25E-01	Yes
F-05	Gross A	1-Jul-13	3.32E-02	2.07E-01	No
F-05	Gross A	5-Aug-13	-1.22E-01	5.57E-02	No
F-05	Gross A	3-Sep-13	1.05E+00	3.72E-01	Yes
F-05	Gross A	2-Dec-13	4.14E-01	3.83E-01	No
F-05	Gross A	6-Jan-14	7.43E-01	4.34E-01	No
FM-1C H-Area Effluent	Gross A	4-Feb-13	1.55E+00	5.90E-01	Yes
FM-1C H-Area Effluent	Gross A	4-Mar-13	1.61E+00	6.01E-01	Yes

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
FM-1C H-Area Effluent	Gross A	1-Apr-13	2.78E+00	7.67E-01	Yes
FM-1C H-Area Effluent	Gross A	6-May-13	1.80E+00	6.40E-01	Yes
FM-1C H-Area Effluent	Gross A	3-Jun-13	2.84E+00	5.73E-01	Yes
FM-1C H-Area Effluent	Gross A	1-Jul-13	1.87E+00	6.53E-01	Yes
FM-1C H-Area Effluent	Gross A	5-Aug-13	3.14E+00	8.50E-01	Yes
FM-1C H-Area Effluent	Gross A	3-Sep-13	4.68E+00	1.00E+00	Yes
FM-1C H-Area Effluent	Gross A	7-Oct-13	1.00E+00	5.04E-01	No
FM-1C H-Area Effluent	Gross A	4-Nov-13	2.24E+00	6.42E-01	Yes
FM-1C H-Area Effluent	Gross A	2-Dec-13	2.16E+00	6.91E-01	Yes
FM-1C H-Area Effluent	Gross A	6-Jan-14	1.65E+00	6.04E-01	Yes
FM-3 F-Area Effluent	Gross A	4-Feb-13	-7.03E-03	2.37E-01	No
FM-3 F-Area Effluent	Gross A	4-Mar-13	6.43E-01	4.20E-01	No
FM-3 F-Area Effluent	Gross A	1-Apr-13	1.92E+00	6.63E-01	Yes
FM-3 F-Area Effluent	Gross A	6-May-13	5.70E-01	4.06E-01	No
FM-3 F-Area Effluent	Gross A	3-Jun-13	2.05E+00	6.25E-01	Yes
FM-3 F-Area Effluent	Gross A	1-Jul-13	1.95E+00	6.45E-01	Yes
FM-3 F-Area Effluent	Gross A	5-Aug-13	1.12E+00	3.68E-01	Yes
FM-3 F-Area Effluent	Gross A	3-Sep-13	8.78E-01	4.53E-01	No
FM-3 F-Area Effluent	Gross A	7-Oct-13	3.49E+00	6.78E-01	Yes
FM-3 F-Area Effluent	Gross A	4-Nov-13	1.96E+00	6.44E-01	Yes
FM-3 F-Area Effluent	Gross A	2-Dec-13	5.38E+00	1.10E+00	Yes
FM-3 F-Area Effluent	Gross A	6-Jan-14	2.05E+00	6.67E-01	Yes
H-004	Gross A	4-Feb-13	8.57E-01	7.09E-01	No
H-004	Gross A	4-Mar-13	1.71E+00	9.32E-01	No
H-004	Gross A	1-Apr-13	1.25E+00	6.54E-01	No
H-004	Gross A	6-May-13	4.54E-01	5.53E-01	No
H-004	Gross A	3-Jun-13	5.73E-01	4.05E-01	No
H-004	Gross A	1-Jul-13	8.16E-01	6.76E-01	No
H-004	Gross A	5-Aug-13	1.33E+00	7.97E-01	No
H-004	Gross A	29-Aug-13	1.66E+00	9.93E-01	No
H-004	Gross A	3-Sep-13	2.53E+00	1.06E+00	Yes
H-004	Gross A	7-Oct-13	-4.19E-01	1.53E-01	No
H-004	Gross A	2-Dec-13	7.30E-01	6.74E-01	No
H-004	Gross A	6-Jan-14	6.57E-01	5.96E-01	No
H-017 281-8H Retention Basin	Gross A	26-Jan-13	6.41E+00	1.84E+00	Yes
H-017 281-8H Retention Basin	Gross A	17-Feb-13	4.27E-01	6.65E-01	No
H-017 281-8H Retention Basin	Gross A	27-Feb-13	3.22E+00	1.30E+00	Yes
H-017 281-8H Retention Basin	Gross A	21-Mar-13	5.51E+00	1.73E+00	Yes
H-017 281-8H Retention Basin	Gross A	27-Mar-13	5.24E-01	5.55E-01	No
H-017 281-8H Retention Basin	Gross A	5-Apr-13	1.02E+00	8.18E-01	No
H-017 281-8H Retention Basin	Gross A	17-Apr-13	3.70E+00	1.37E+00	Yes
H-017 281-8H Retention Basin	Gross A	3-May-13	9.73E-01	8.16E-01	No
H-017 281-8H Retention Basin	Gross A	11-May-13	3.78E+00	1.41E+00	Yes
H-017 281-8H Retention Basin	Gross A	15-Jun-13	9.84E-01	7.94E-01	No
H-017 281-8H Retention Basin	Gross A	26-Jun-13	2.81E+00	1.21E+00	Yes
H-017 281-8H Retention Basin	Gross A	6-Jul-13	1.61E-01	3.66E-01	No
H-017 281-8H Retention Basin	Gross A	18-Jul-13	2.31E+00	1.13E+00	No
H-017 281-8H Retention Basin	Gross A	27-Jul-13	9.62E-01	8.12E-01	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
H-017 281-8H Retention Basin	Gross A	7-Aug-13	7.05E-02	5.11E-01	No
H-017 281-8H Retention Basin	Gross A	17-Aug-13	4.81E-01	7.04E-01	No
H-017 281-8H Retention Basin	Gross A	20-Aug-13	2.49E+00	1.16E+00	No
H-017 281-8H Retention Basin	Gross A	19-Sep-13	2.13E+00	1.12E+00	No
H-017 281-8H Retention Basin	Gross A	9-Oct-13	3.35E+00	1.03E+00	Yes
H-017 281-8H Retention Basin	Gross A	5-Nov-13	1.49E+00	5.72E-01	Yes
H-017 281-8H Retention Basin	Gross A	6-Dec-13	1.58E+01	2.80E+00	Yes
HP-15 Tritium Facility Outfall	Gross A	4-Feb-13	2.06E-01	3.15E-01	No
HP-15 Tritium Facility Outfall	Gross A	4-Mar-13	4.38E-01	3.65E-01	No
HP-15 Tritium Facility Outfall	Gross A	1-Apr-13	6.84E-01	4.33E-01	No
HP-15 Tritium Facility Outfall	Gross A	6-May-13	4.19E-02	2.18E-01	No
HP-15 Tritium Facility Outfall	Gross A	3-Jun-13	3.27E-01	2.31E-01	No
HP-15 Tritium Facility Outfall	Gross A	1-Jul-13	4.03E-02	2.35E-01	No
HP-15 Tritium Facility Outfall	Gross A	5-Aug-13	9.49E-01	4.89E-01	No
HP-15 Tritium Facility Outfall	Gross A	3-Sep-13	3.14E-01	3.28E-01	No
HP-15 Tritium Facility Outfall	Gross A	7-Oct-13	-1.94E-02	2.58E-01	No
HP-15 Tritium Facility Outfall	Gross A	4-Nov-13	3.22E-02	2.86E-01	No
HP-15 Tritium Facility Outfall	Gross A	2-Dec-13	-1.84E-02	2.43E-01	No
HP-15 Tritium Facility Outfall	Gross A	6-Jan-14	6.84E-01	4.26E-01	No
K Canal	Gross A	4-Feb-13	-2.26E-01	9.32E-02	No
K Canal	Gross A	4-Mar-13	2.73E-02	2.34E-01	No
K Canal	Gross A	1-Apr-13	2.57E-01	3.16E-01	No
K Canal	Gross A	6-May-13	1.02E-01	2.34E-01	No
K Canal	Gross A	3-Jun-13	-1.01E-02	1.26E-01	No
K Canal	Gross A	1-Jul-13	-1.68E-01	1.19E-01	No
K Canal	Gross A	5-Aug-13	-1.37E-01	6.36E-02	No
K Canal	Gross A	3-Sep-13	-1.35E-01	6.25E-02	No
K Canal	Gross A	7-Oct-13	-1.58E-02	2.10E-01	No
K Canal	Gross A	4-Nov-13	1.94E-01	2.48E-01	No
K Canal	Gross A	2-Dec-13	-1.60E-02	2.16E-01	No
K Canal	Gross A	6-Jan-14	5.00E-02	2.17E-01	No
L-07	Gross A	4-Feb-13	1.20E-01	1.84E-01	No
L-07	Gross A	4-Mar-13	6.41E-01	3.11E-01	No
L-07	Gross A	1-Apr-13	6.08E-01	2.91E-01	No
L-07	Gross A	6-May-13	4.51E-01	2.63E-01	No
L-07	Gross A	3-Jun-13	2.54E-01	1.49E-01	No
L-07	Gross A	1-Jul-13	4.86E-01	2.68E-01	No
L-07	Gross A	5-Aug-13	-7.30E-02	3.36E-02	No
L-07	Gross A	3-Sep-13	4.22E-02	1.18E-01	No
L-07	Gross A	7-Oct-13	-9.54E-03	1.23E-01	No
L-07	Gross A	4-Nov-13	2.05E-01	1.71E-01	No
L-07	Gross A	2-Dec-13	4.73E-01	2.74E-01	No
L-07	Gross A	6-Jan-14	-8.62E-02	3.60E-02	No
S-004	Gross A	4-Feb-13	3.70E+00	1.49E+00	Yes
S-004	Gross A	4-Mar-13	3.24E+00	1.30E+00	Yes
S-004	Gross A	1-Apr-13	1.71E+00	7.99E-01	No
S-004	Gross A	6-May-13	1.81E+00	1.17E+00	No
S-004	Gross A	3-Jun-13	2.08E+00	9.52E-01	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
S-004	Gross A	1-Jul-13	5.70E+00	2.76E+00	No
S-004	Gross A	5-Aug-13	2.78E+00	2.07E+00	No
S-004	Gross A	3-Sep-13	1.71E+00	1.02E+00	No
S-004	Gross A	7-Oct-13	1.87E+00	1.08E+00	No
S-004	Gross A	4-Nov-13	3.08E+00	8.84E-01	Yes
S-004	Gross A	2-Dec-13	1.73E+00	1.00E+00	No
S-004	Gross A	6-Jan-14	1.56E+00	9.28E-01	No
TB-2 Outfall at Road 1A	Gross A	4-Feb-13	1.88E+00	4.57E-01	Yes
TB-2 Outfall at Road 1A	Gross A	4-Mar-13	1.16E+00	3.83E-01	Yes
TB-2 Outfall at Road 1A	Gross A	1-Apr-13	5.68E-01	2.72E-01	No
TB-2 Outfall at Road 1A	Gross A	6-May-13	2.04E+00	4.65E-01	Yes
TB-2 Outfall at Road 1A	Gross A	3-Jun-13	2.25E+00	3.45E-01	Yes
TB-2 Outfall at Road 1A	Gross A	1-Jul-13	1.53E+00	4.06E-01	Yes
TB-2 Outfall at Road 1A	Gross A	5-Aug-13	3.95E-01	2.36E-01	No
TB-2 Outfall at Road 1A	Gross A	3-Sep-13	1.84E+00	4.65E-01	Yes
TB-2 Outfall at Road 1A	Gross A	7-Oct-13	9.35E-01	3.34E-01	Yes
TB-2 Outfall at Road 1A	Gross A	4-Nov-13	3.76E-01	2.05E-01	No
TB-2 Outfall at Road 1A	Gross A	2-Dec-13	8.22E-01	3.14E-01	Yes
TB-2 Outfall at Road 1A	Gross A	6-Jan-14	4.70E-01	2.22E-01	No
TB-3 M-Area Effluent at Road D	Gross A	4-Feb-13	1.42E+00	8.12E-01	No
U3R-2A ETF Outfall at Road C	Gross A	7-Jan-13	-1.18E-02	3.99E-01	No
U3R-2A ETF Outfall at Road C	Gross A	22-Jan-13	-1.30E-02	4.07E-01	No
U3R-2A ETF Outfall at Road C	Gross A	4-Feb-13	-3.35E-01	1.26E-01	No
U3R-2A ETF Outfall at Road C	Gross A	11-Feb-13	-3.76E-01	1.55E-01	No
U3R-2A ETF Outfall at Road C	Gross A	19-Feb-13	7.95E-01	6.61E-01	No
U3R-2A ETF Outfall at Road C	Gross A	25-Feb-13	-3.76E-01	1.55E-01	No
U3R-2A ETF Outfall at Road C	Gross A	4-Mar-13	-3.27E-01	1.26E-01	No
U3R-2A ETF Outfall at Road C	Gross A	11-Mar-13	-3.86E-01	1.60E-01	No
U3R-2A ETF Outfall at Road C	Gross A	18-Mar-13	3.62E-01	5.52E-01	No
U3R-2A ETF Outfall at Road C	Gross A	25-Mar-13	4.24E-01	5.53E-01	No
U3R-2A ETF Outfall at Road C	Gross A	1-Apr-13	-3.03E-01	1.26E-01	No
U3R-2A ETF Outfall at Road C	Gross A	8-Apr-13	8.51E-02	3.93E-01	No
U3R-2A ETF Outfall at Road C	Gross A	15-Apr-13	-2.81E-01	1.44E-01	No
U3R-2A ETF Outfall at Road C	Gross A	22-Apr-13	4.62E-01	5.50E-01	No
U3R-2A ETF Outfall at Road C	Gross A	6-May-13	5.84E-01	5.78E-01	No
U3R-2A ETF Outfall at Road C	Gross A	13-May-13	5.68E-02	4.17E-01	No
U3R-2A ETF Outfall at Road C	Gross A	20-May-13	-2.29E-01	1.04E-01	No
U3R-2A ETF Outfall at Road C	Gross A	24-Jun-13	8.65E-02	4.10E-01	No
U3R-2A ETF Outfall at Road C	Gross A	1-Jul-13	7.38E-02	4.62E-01	No
U3R-2A ETF Outfall at Road C	Gross A	8-Jul-13	-3.43E-01	3.06E-01	No
U3R-2A ETF Outfall at Road C	Gross A	15-Jul-13	2.61E-02	4.48E-01	No
U3R-2A ETF Outfall at Road C	Gross A	22-Jul-13	-3.73E-01	2.17E-01	No
U3R-2A ETF Outfall at Road C	Gross A	29-Jul-13	4.22E-01	5.82E-01	No
U3R-2A ETF Outfall at Road C	Gross A	5-Aug-13	-3.08E-01	1.21E-01	No
U3R-2A ETF Outfall at Road C	Gross A	12-Aug-13	-3.24E-01	2.14E-01	No
U3R-2A ETF Outfall at Road C	Gross A	19-Aug-13	1.50E-01	4.20E-01	No
U3R-2A ETF Outfall at Road C	Gross A	26-Aug-13	5.54E-01	5.82E-01	No
U3R-2A ETF Outfall at Road C	Gross A	3-Sep-13	-3.05E-01	2.17E-01	No

2013 Radioactivity in Liquid Effluent : Units are pCi/L

Location	Nuclide	CollectDate	SampleCon	SampleStd	Sig
U3R-2A ETF Outfall at Road C	Gross A	9-Sep-13	7.57E-02	4.37E-01	No
U3R-2A ETF Outfall at Road C	Gross A	16-Sep-13	2.52E-01	3.09E-01	No
U3R-2A ETF Outfall at Road C	Gross A	23-Sep-13	-2.52E-01	1.17E-01	No
U3R-2A ETF Outfall at Road C	Gross A	1-Oct-13	-4.03E-01	1.47E-01	No
U3R-2A ETF Outfall at Road C	Gross A	14-Oct-13	3.46E-01	5.50E-01	No
U3R-2A ETF Outfall at Road C	Gross A	9-Dec-13	-2.81E-02	4.00E-01	No
U3R-2A ETF Outfall at Road C	Gross A	23-Dec-13	6.81E-01	6.17E-01	No
U3R-2A ETF Outfall at Road C	Gross A	30-Dec-13	3.51E-01	5.29E-01	No
Z-01 Outfall	Gross A	13-Feb-13	1.28E+00	5.94E-01	No
Z-01 Outfall	Gross A	26-Feb-13	7.92E+01	4.05E+00	Yes
Z-01 Outfall	Gross A	7-May-13	-4.59E-01	3.84E-01	No
Z-01 Outfall	Gross A	10-Jun-13	1.37E-01	2.78E-01	No
Z-01 Outfall	Gross A	10-Jun-13	3.54E-02	2.82E-01	No
Z-01 Outfall	Gross A	17-Jun-13	2.40E-01	3.22E-01	No
Z-01 Outfall	Gross A	10-Jul-13	5.30E-01	3.76E-01	No
Miscellaneous					
HP-52 H-Area Tank Farm	Gross A	5-Feb-13	2.11E+00	4.74E-01	Yes
HP-52 H-Area Tank Farm	Gross A	5-Mar-13	1.58E+00	4.41E-01	Yes
HP-52 H-Area Tank Farm	Gross A	2-Apr-13	3.22E+00	6.56E-01	Yes
HP-52 H-Area Tank Farm	Gross A	7-May-13	2.40E+00	5.65E-01	Yes
HP-52 H-Area Tank Farm	Gross A	4-Jun-13	1.85E+00	3.47E-01	Yes
HP-52 H-Area Tank Farm	Gross A	2-Jul-13	1.25E+00	4.01E-01	Yes
HP-52 H-Area Tank Farm	Gross A	6-Aug-13	1.64E+00	3.28E-01	Yes
HP-52 H-Area Tank Farm	Gross A	3-Sep-13	7.30E-01	1.99E-01	Yes
HP-52 H-Area Tank Farm	Gross A	3-Dec-13	2.38E+00	5.11E-01	Yes