

Package ID: SR21524413
Net wt, g (lb): 790,300 (1,741)
Date: 7/17/2013

Contact Radiation, uSv/h (mrem/h): 140 gamma, 90 neutron
14 gamma, 9 neutron
Smearable Contamination: none detected

Radionuclide	Activity, TBq (Ci)	Uncertainty 1-sigma, TBq (Ci)	Total Activity +1- sigma, TBq (Ci)	A2 Value, TBq (Ci)	A2 Fraction
SR-90	5.37E-07 (1.45E-05)	3.64E-08 (9.82E-07)	5.73E-07 (1.55E-05)	3.00E-01 (8.10E+00)	1.91E-06
CS-137	5.37E-07 (1.45E-05)	3.64E-08 (9.82E-07)	5.73E-07 (1.55E-05)	6.00E-01 (1.62E+01)	9.56E-07
U-234	2.95E-02 (7.96E-01)	7.59E-03 (2.05E-01)	3.71E-02 (1.00E+00)	6.00E-03 (1.62E-01)	6.18E+00
U-235	1.93E-07 (5.22E-06)	3.28E-08 (8.85E-07)	2.26E-07 (6.11E-06)	unlimited unlimited	N/A
NP-237	6.07E-06 (1.64E-04)	3.23E-07 (8.73E-06)	6.40E-06 (1.73E-04)	2.00E-03 (5.40E-02)	3.20E-03
PU-238	1.67E+02 (4.50E+03)	4.30E+01 (1.16E+03)	2.10E+02 (5.66E+03)	1.00E-03 (2.70E-02)	2.10E+05
PU-239	1.61E-01 (4.34E+00)	4.19E-02 (1.13E+00)	2.03E-01 (5.47E+00)	1.00E-03 (2.70E-02)	2.03E+02
PU-240	1.03E-01 (2.79E+00)	5.85E-02 (1.58E+00)	1.62E-01 (4.37E+00)	1.00E-03 (2.70E-02)	1.62E+02
AM-241	1.86E-01 (5.01E+00)	5.15E-02 (1.39E+00)	2.37E-01 (6.40E+00)	1.00E-03 (2.70E-02)	2.37E+02
PU-241	1.46E+00 (3.93E+01)	3.81E-01 (1.03E+01)	1.84E+00 (4.96E+01)	6.00E-02 (1.62E+00)	3.06E+01
PU-242	2.33E-04 (6.29E-03)	1.39E-04 (3.75E-03)	3.72E-04 (1.00E-02)	1.00E-03 (2.70E-02)	3.72E-01
Total	1.69E+02 (4.55E+03)		2.12E+02 (5.73E+03)		2.10E+05