

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