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Certificate of Calibration

Radioactive material, Limited Quantity NOS UN2910,
Exempt Quantity 10CFR30.18, BS 5288/C11111

This source has been calibrated using a HPGe detector whose efficiency was established with the NIST traceable mixed nuclide standard SRS: 80899-854. The stated activity is the weighted average of the measured gamma lines with an estimated uncertainty of 5%.

Radionuclide: Cs-137

Half-Life: 30.07 years

Decay Constant: 0.02305

Serial Number: 112102

Calibration Date: January 12, 2010 **Activity:** 1.00 uCi. 37,000 Bq.

Photon Energy (keV)	Intensity (%)	Emission Rate (sec-1)
661.66	85.1	31,487

Sample

Certified by:

Date: September 9, 2010