This data was obtained from the Sealed Source Disposal and National Security: Problem Statement and Solution Set, Deliverable (Part 1) of the Removal and Disposition of Disused Sources Focus Group of the Radioisotopes Subcouncil of the Nuclear Government and Sector Coordinating Councils, December, 2009, Table 2, page 12.

The Current Commercial Sealed Source Disposal Landscape

		r	Maximum Limit Al	lowed ^a		
Radionuclide		Non-GTCC Sources			GTCC Sources	
		Barnwell Facility (3 States)	Richland Facility (11 States)	No Facility (36 States)	GTCC Facility ^b	
Americium-241 Plutonium-238 Plutonium-239		10 nCi/gm	100 nCi/gm	No Disposal (ND)	>100 nCi/gm	
Californium-252		10 Ci	13 Ci ^c	ND	Not applicable ^d (NA)	
Curium-244		100 nCi/gm	100 nCi/gm	ND	>100 nCi/gm	
Cobalt-60		10 Ci	145 Ci ^c	ND	NA	
Cesium-137		10 Ci	976 Ci	ND	>976 Ci	
Iridium-192		10 Ci	13 Ci ^c	ND	NA	
Strontium-90		10 Ci	1,486 Ci	ND	>1,486 Ci	
Radium-226		Disposal of radium-226 is available to all states at Richland NA facility up to 1.2 Ci per source. ^e				
Color Code						
	Disposal a applicable	posal available commercially for Compact States up to maximum Class C limits for plicable radionuclides, considering concentration averaging.				
	Disposal a C limits for acceptance	sal available commercially for Compact States but maximum limit is less than Class its for applicable radionuclides due to site-specific administrative limits, waste stance criteria, or license conditions				
	Disposal o	osal capability being developed by DOE ^b				
	No dispos	No disposal available				
 a The maximum curve of activity mint anowed for an individual sealed source containing the specified radionuclide based on site-specific administrative limits, waste acceptance criteria, application of concentration averaging, or license conditions. b A GTCC LLRW disposal facility does not currently exist; DOE is preparing an Environmental Impact Statement analyzing potential disposal alternatives for this waste. The maximum limit for the facility will be determined during the implementation and licensing phase for the selected alternative and will be greater than the Class C waste classification values shown in the Table (which assumes application of concentration averaging). c The facility may accept sources in excess of this limit on a case-by-case basis based on worker exposure and other site-specific considerations. d Sealed sources consisting of these radionuclides are not classified as GTCC LLRW when sent for disposal because there is no maximum Class C limit for the radionuclide or the radionuclide is not included in the list of radionuclides in 10 CFR 61.55, Tables 1 and 2 that determine LLRW classification. 						
disposal, but discrete Ra-226 sources are now considered "byproduct material" per the NRC and						

compatible Agreement State regulations. However, the 2005 *Energy Policy Act* has excluded radium-226 sources as LLRW, and some compact regulations still consider radium-226 containing waste as NORM. Disposal options are therefore still available to all states.