

ATTACHMENT J
HAZARDOUS WASTE MANAGEMENT UNIT TABLES

(This page intentionally blank)

ATTACHMENT J
HAZARDOUS WASTE MANAGEMENT UNIT TABLES

LIST OF TABLES

<u>Table</u>	<u>Title</u>
<u>Table J-1</u>	<u>Waste Handling Building (WHB) Container Storage Unit</u>
<u>Table J-2</u>	<u>Parking Area Container Storage Unit</u>
<u>Table J-3</u>	<u>Underground Hazardous Waste Disposal Units</u>

(This page intentionally blank)

Table J-1
Waste Handling Building (WHB) Container Storage Unit

Description	Area	Maximum Capacity	Container Equivalent
<u>CH Bay Storage Area</u>	<u>26,151 ft²</u> <u>(2,430 m²)</u>	<u>4,800 ft³</u> <u>(135.9 m³)</u>	<u>13 loaded facility pallets</u> <u>and 4 CH Packages at the</u> <u>TRUDOCKS</u>
<u>CH Bay Surge Storage Area</u>	<u>included in CH Bay Storage Area</u>	<u>1,600 ft³</u> <u>(45.3 m³)</u>	<u>5 loaded facility pallets</u>
<u>Derived Waste Storage Area</u>	<u>included in CH Bay Storage Area</u>	<u>66.3 ft³</u> <u>(1.88 m³)</u>	<u>1 Standard Waste Box</u>
<u>Total for CH Waste</u>	<u>26,151 ft²</u> <u>(2,430 m²)</u>	<u>6,466.3 ft³</u> <u>183.1 m³</u>	
<u>RH Bay</u>	<u>12,552 ft²</u> <u>(1,166 m²)</u>	<u>156 ft³</u> <u>(4.4 m³)</u>	<u>2 loaded casks and 1 drum</u> <u>of derived waste</u>
<u>Cask Unloading Room</u>	<u>382 ft²</u> <u>(36 m²)</u>	<u>74 ft³</u> <u>(2.1 m³)</u>	<u>1 loaded cask</u>
<u>Hot Cell</u>	<u>1,841 ft²</u> <u>(171 m²)</u>	<u>94.9 ft³</u> <u>(2.7 m³)</u>	<u>12 drums and 1 drum of</u> <u>derived waste</u>
<u>Transfer Cell</u>	<u>1,003 ft²</u> <u>(93 m²)</u>	<u>31.4 ft³</u> <u>(0.89 m³)</u>	<u>1 canister</u>
<u>Facility Cask Loading Room</u>	<u>1,625 ft²</u> <u>(151 m²)</u>	<u>31.4 ft³</u> <u>(0.89 m³)</u>	<u>1 canister</u>
<u>Total for RH Waste</u>	<u>17,403 ft²</u> <u>(1,617 m²)</u>	<u>387.7 ft³</u> <u>(11.0 m³)</u>	
<u>WHB Unit Total</u>	<u>43,554 ft²</u> <u>(4,047 m²)</u>	<u>6,854 ft³</u> <u>(194.1 m³)</u>	

Table J-2
Parking Area Container Storage Unit

<u>Description</u>	<u>Area</u>	<u>Maximum Capacity</u>	<u>Container Equivalent</u>
<u>Parking Area</u>	<u>137,050 ft²</u> <u>(12,730 m²)</u>	<u>6,734 ft³</u> <u>(191 m³)</u>	<u>40 Contact-Handled Packages containing waste and 8 Remote-Handled Packages containing waste. The total number of Contact-Handled Packages containing waste in the Parking Area Unit cannot exceed 50.</u>
<u>Parking Area Surge Storage</u>	<u>Included in Parking Area</u>	<u>2,129 ft³</u> <u>(60 m³)</u>	<u>12 Contact-Handled Packages and 4 Remote-Handled Packages. The total number of Contact-Handled Packages containing waste in the Parking Area Unit cannot exceed 50.</u>

Table J-3
Underground Hazardous Waste Disposal Units

<u>Description</u> ¹	<u>Waste Type</u>	<u>Maximum Capacity</u> ²	<u>Container Equivalent</u>
<u>Panel 1</u>	<u>CH TRU</u>	<u>636,000ft³</u> <u>(18,000 m³)</u>	<u>86,500 55-Gallon Drums</u>
<u>Panel 2</u>	<u>CH TRU</u>	<u>636,000 ft³</u> <u>(18,000 m³)</u>	<u>86,500 55-Gallon Drums</u>
<u>Panel 3</u>	<u>CH TRU</u>	<u>662,150 ft³</u> <u>(18,750 m³)</u>	<u>90,150 55-Gallon Drums</u>
<u>Panel 4</u>	<u>CH TRU</u>	<u>662,150 ft³</u> <u>(18,750 m³)</u>	<u>90,150 55-Gallon Drums</u>
	<u>RH TRU</u>	<u>12,570 ft³</u> <u>(356 m³)</u>	<u>400 RH TRU Canisters</u>
<u>Panel 5</u>	<u>CH TRU</u>	<u>662,150 ft³</u> <u>(18,750 m³)</u>	<u>90,150 55-Gallon Drums</u>
	<u>RH TRU</u>	<u>15,720 ft³</u> <u>(445 m³)</u>	<u>500 RH TRU Canisters</u>
<u>Panel 6</u>	<u>CH TRU</u>	<u>662,150 ft³</u> <u>(18,750 m³)</u>	<u>90,150 55-Gallon Drums</u>
	<u>RH TRU</u>	<u>18,860 ft³</u> <u>(534 m³)</u>	<u>600 RH TRU Canisters</u>
<u>Panel 7</u>	<u>CH TRU</u>	<u>662,150 ft³</u> <u>(18,750 m³)</u>	<u>90,150 55-Gallon Drums</u>
	<u>RH TRU</u>	<u>22,950 ft³</u> <u>(650 m³)</u>	<u>730 RH TRU Canisters</u>
<u>Panel 8</u>	<u>CH TRU</u>	<u>662,150 ft³</u> <u>(18,750 m³)</u>	<u>90,150 55-Gallon Drums</u>
	<u>RH TRU</u>	<u>22,950 ft³</u> <u>(650 m³)</u>	<u>730 RH TRU Canisters</u>
<u>Total</u>	<u>CH TRU</u>	<u>5,244,900 ft³</u> <u>(148,500 m³)</u>	<u>713,900 55-Gallon</u> <u>Drums</u>
	<u>RH TRU</u>	<u>93,050 ft³</u> <u>(2,635 m³)</u>	<u>2960 RH TRU</u> <u>Canisters</u>

¹ The area of each panel is approximately 124,150 ft² (11,533 m²).

² "Maximum Capacity" is the maximum volume of TRU mixed waste that may be emplaced in each panel. The maximum repository capacity of "6.2 million cubic feet of transuranic waste" is specified in the WIPP Land Withdrawal Act (Pub. L. 102-579, as amended)