

Pieces Parts

Assume that the Piece Parts-A and -B shipments contain 110 kg of WG Pu metal per shipment, and that they are shipped in 9975s in an SST/SGT. This is based on 5 CPAs per SST/SGT, 5 9975s per CPA, and 4.4 kg of Pu metal per 9975 ($5 \times 5 \times 4.4 = 110$ kg). This is consistent with the product shipping, only we are assuming the material is metal not oxide. Again, these assumptions should not be used to determine the amount of material that would be shipped, only to provide an estimate (bounding) of the material at risk in a shipment.

MD-2

MD-2, the diameter is 28" and the height is 36". Attached is a graphic from Y-12 that serves as the reference for the dimensions. I suggest that we pass on just the dimensions and not the graphic, in order to avoid any misunderstanding with Y-12. It should be noted that our engineering drawings have slightly different dimensions [29.16" (D) x 36.65" (H)], but the differences are not significant because it is the containment vessel inside the container that actually holds the radioactive material, and it is smaller than either set of dimensions.