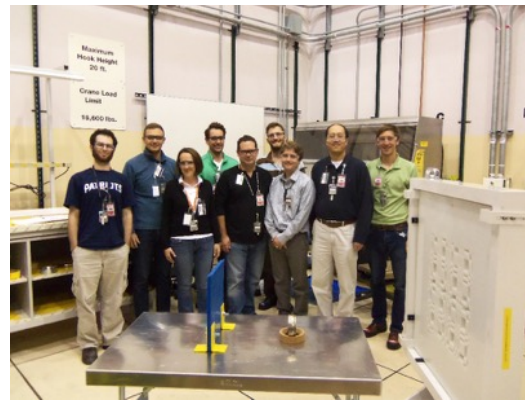


Device Assembly Facility



Fissionable Material	Mass Limit
Pu in metal /compounds /dry residues	$\leq 3,000$ g
^{233}U in metal /compounds /dry residues	$\leq 3,000$ g
Pu in oxide	$\leq 4,400$ g
^{233}U in oxide	$\leq 4,400$ g
^{235}U in hydride	$\leq 3,000$ g
^{235}U in metal /compounds (excluding hydride) /dry residues	$\leq 10,000$ g
^{237}Np Sphere	~ 6 kg Np
BeRP Ball	~ 4.5 kg Pu
Rocky Flats Shells (1-24)	~ 13.7 kg HEU
One Thor Core Piece	$\sim 2\text{-}4$ kg Pu



Reflector Material	Type	Thickness Restriction
Copper	A	Total thickness of these reflectors shall not exceed 1 inch
Nickel		
Stainless Steel 304		
Tungsten		
Natural Uranium		
Depleted Uranium		
Cadmium	B	The total combined thickness of Type A and B reflectors shall not exceed 1 inch if Type A reflectors are present. If no Type A reflectors are used, an unlimited thickness of Type B reflectors may be used.
Carbon Steel		
Iron		
Lead		
Lucite		
Polyethylene		
Borated Polyethylene		
Manganese		
Boroflex	C	Unlimited thickness of these materials in any combination may be used.
Aluminum		
Thorium		
Mock HE1		
Mock HE2		
Mock HE3		

