

**FERMILAB AREAS AUTHORIZED FOR OTHER ACCOUNTABLE NUCLEAR MATERIALS USE AND STORAGE  
(CATEGORY IV, ATTRACTIVENESS LEVEL E)**

	A	B	C	D	E	F	G	H	I	J	K
		Material and Material Type Code (MTC)	Description	Element Weight	Isotope Weight	Inventory Frequency	Material in Process	Inventory Technique	FNAL Numbers	MBA Custodian	MBA Custodian Signature & Date for Physical Inventory Verification
7	DZero Assembly Building	Depleted Uranium (MTC 10)	DZero Calorimeter Containing Depleted Uranium Plates in Collision Hall Behind Shield Wall	237,792 Kg	476 Kg	Every 2 years	N/A	Shield Wall Verification- Cannot Conduct Container or Item Count	See inventory list	Pete Simon (02972N, pgs@fnal.gov, x2852)	<i>Pete Simon</i> 8/6/20
8	DZero Assembly Building Outdoor Storage	Depleted Uranium (MTC 10)	DZero Prototype Cryostat in Outdoor Area Behind Dzero Assembly Building	21,016 Kg	42 Kg	Every 2 years	N/A	Container Verification	See inventory list	Pete Simon (02972N, pgs@fnal.gov, x2852)	<i>Pete Simon</i> 8/6/20
9	Railhead Fenced Storage Area West of Lundy Barn	Deuterium (MTC 86)	Deuterium Tanks and Cylinders at the Railhead	Not Reported	78.8 Kg	Every 2 years	N/A	Item Count (125 cylinders and 4 tanks)	9003	Tom Miller (13091N, tjmiller@fnal.gov, x3585, x2898)	

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2	Radiation Physics Calibration Facility	Am-241Be Sealed Neutron Sources (MTC 44)	Am-241 Beryllium Sealed Neutron Sources Stored in the Neutron Source Storage Safe in Cave 1	11 Grams	11 Grams	Every 2 years (conducted monthly per radioactive source program)	N/A	Item Count (4 AmBe sources)	9000	Dan Curatolo (15611N, danc@fnal.gov, x3743)	
3	Site 40	Depleted Uranium (MTC 10)	Depleted Uranium in the Large Safe	2 Kg	Below Reporting Threshold	Every 2 years	N/A	Item Count (6 items)	124, 125, 126, 127, 129, 3603	Dan Curatolo (15611N, danc@fnal.gov, x3743)	
4	ME7 North	Depleted Uranium (MTC 10)	28 Depleted Uranium Plates Contained inside a Locked Canister	98 Kg	0.2 Kg	Every 2 years	N/A	Container Verification (Canister)	3605-3632	Dave Hockin (06020N, hockin@fnal.gov, x4498)	
5	ME7 North	Depleted Uranium (MTC 10)	Central Calorimeter Electromagnetic Module (CCEM) Containing Depleted Uranium Plates	529 Kg	1 Kg	Every 2 years	N/A	Container Verification (CCEM module)	829	Dave Hockin (06020N, hockin@fnal.gov, x4498)	
6	NM4 Enclosure	Depleted Uranium (MTC 10)	Hadron Calorimeter Containing 16 Depleted Uranium Plates	1,863 Kg	4 Kg	Every 2 years	N/A	Container Verification (16 Plates in Array - as accessible)	830-845	Rick Tesarek (12680N, tesarek@fnal.gov, x8609)	

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1	Am-241Be	Sealed Neutron Sources			Every 2 years		Item Count (4 sources)	9000	Dan Curatolo (15611N, danc@fnal.gov, x3743)	
2	Facility	Sealed Neutron Sources Stored in the Neutron Source Storage Safe in Cave 1	11 Grams	11 Grams	source radioactive (conducted monthly per program)	N/A	Item Count (6 items)	124, 125, 126, 127, 129, 3603	Dan Curatolo (15611N, danc@fnal.gov, x3743)	
3	Site 40	Depleted Uranium in the Large Safe	2 Kg	Below Threshold	Every 2 years	N/A	Container Verification (Canister)	3605-3632	Dave Hockin (06020N, hockin@fnal.gov, x4498)	
4	MEZ North	Depleted Uranium Plates Contained Inside a Locked Canister	98 Kg	0.2 Kg	Every 2 years	N/A	Container Verification (Canister)	3605-3632	Dave Hockin (06020N, hockin@fnal.gov, x4498)	
5	MEZ North	Depleted Uranium (CCEM) Containing Central Calorimeter	529 Kg	1 Kg	Every 2 years	N/A	Container Verification (CCEM module)	829	Dave Hockin (06020N, hockin@fnal.gov, x4498)	
6	NM	Depleted Uranium Containing 16 Depleted Hadron Calorimeter	1,863 Kg	4 Kg	Every 2 years	N/A	Container Verification (16 Plates in Array - as accessible)	830-845	Rick Tesarek (12680N, tesarek@fnal.gov, x8609)	<i>Richard Tesarek</i> 8/7/20
7	Depleted Uranium Building	Depleted Uranium Plates in Containing Depleted DZero Calorimeter	237,792 Kg	476 Kg	Every 2 years	N/A	Verification-Container or Item Count	See Inventory list	Pete Simon (02972N, pgs@fnal.gov, x2852)	
8	Depleted Uranium Storage	Depleted Uranium Area Behind Dzero Prototype Assembly Building	21,016 Kg	42 Kg	Every 2 years	N/A	Container Verification	See Inventory list	Pete Simon (02972N, pgs@fnal.gov, x2852)	
9	Depleted Uranium Storage Area West of Lundy Barn	Depleted Uranium Tanks and Cylinders at the Railroad	Not Reported	78.8 Kg	Every 2 years	N/A	Item Count (125 cylinders and 4 tanks)	9003	Tom Miller (13091N, tmiller@fnal.gov, x3585, x2898)	

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3	Site 40	Depleted Uranium (MTC 10)	Depleted Uranium in the Large Safe	2 Kg	Below Reporting Threshold	Every 2 years	N/A	Item Count (6 items)	124, 125, 126, 127, 129, 3603	Dan Curatolo (15611N, danc@fnal.gov, x3743)	<i>Dan Curatolo</i> 8-31-20
4	ME7 North	Depleted Uranium (MTC 10)	28 Depleted Uranium Plates Contained inside a Locked Canister	98 Kg	0.2 Kg	Every 2 years	N/A	Container Verification (Canister)	3605-3632	Dave Hockin (06020N, hockin@fnal.gov, x4498)	<i>Dave Hockin</i> 8/31/2020
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