

Vault Target Storage

ISAC Storage Vault Status as of July 29 2013

Tray #	Pail #	Target	Installed (m/d/y)	Reading (mSv/Hr)	Comments	Date Removed	Reading(mSv/Hr)	Comments
1A	98	UO#3	09/07/12	42.0mSv/hr				
			06/20/13	3.86mSv/hr	Assayed			
1B	94	SiC #26	05/05/12	118mSv/hr				
			03/13/12	11.7mSv/hr				
1C	93	UC <sub>x</sub> #3	10/31/12	1.89mSv/hr	Assayed			
			12/06/12	32.6mSv/hr				
2A	102	UC #5	06/20/13	2.26mSv/hr	Assayed			
			10/20/10	143mSv/hr				
2B	83	SiC #23	06/20/13	3.18mSv/hr	Assayed			
			05/31/13	24.8mSv/hr				
2C	105	SiC #28						
3A	96	SiC #27	07/06/12	178mSv/hr				
			09/29/11	111mSv/hr				
3B	90	Ta #36	06/20/13	4.64mSv/hr	Assayed			
			09/14/12	55.3mSv/hr				
3C	99	UC <sub>x</sub> #4	06/20/13	0.913mSv/hr	Assayed			
			10/24/12	35.5mSv/hr				
4A	101	NiO #1	06/20/13	1.50mSv/hr	Assayed			
4B	104	TiC #3	01/15/13	98.7mSv/hr				
4C	106	Ta #39	07/02/13	95.3mSv/hr				
5A	107	Ta #40	07/29/13	224mSv/hr				
			01/11/11	230mSv/hr				
5B	85	Nb #5	06/20/13	3.05mSv/hr	Assayed			
			06/11/12	152mSv/hr				
5C	95	Nb #6						

All readings are taken at 1m from centre of pail. Sealant (111) is used under lid rim. No contamination found unless other wise noted.

All lids have the lever lock ring and cable lifting setup. This ring must be locked with a thin piece of metal before shipping.

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6A	103	Nb # 7	11/09/12	178mSv/hr				
6B	97	Ta#38	08/02/12	226 mSv/hr	Bolts might be contaminated			
6C	88	Ta#35	07/25/11 06/20/13	411mSv/hr 8.26mSv/hr	<b>Assayed</b>			
7A								
7B	92	TaC#1	11/16/11 06/20/13	239mSv/hr 3.55mSv/hr	<b>Assayed</b>			
7C	81	ZrC#5	08/25/10 06/20/13	292mSv/hr 2.65mSv/hr	<b>Assayed</b>			
8A								
8B								
8C								
Tray #	Description of Item	Date Installed	Reading (mSv/Hr)	Comments	Date Removed	Reading(mSv/Hr)	Comments	
9	Used source tray from TM #2	01/15/09	5.6 to 16.4 mSv/hr thru 360°	Tray surveyed on 11/02/12 2.07 to 4.39 mSv/hr though 360°				
10	Used source tray from TM #1	05/12/11	1.66 to 3.50 mSv/hr thru 360°	The source tray was taken apart for inspection Tray surveyed on 11/02/12 1.83 to 3.23 mSv/hr though 360°				
<p><b>All readings are taken at 1m from centre of pail. Sealant (111) is used under lid rim. No contamination found unless other wise noted.</b></p> <p><b>All lids have the lever lock ring. This ring must be locked with a thin piece of metal before shipping.</b></p>								

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