

Vault Target Storage

ISAC Storage Vault Status as of January 15 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				
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			
2A	102	UC #5	12/06/12	32.6mSv/hr				
2B	83	SiC #23	10/20/10	143mSv/hr				
			10/31/12	5.30mSv/hr	Assayed			
2C								
3A	96	SiC #27	07/06/12	178mSv/hr				
			09/29/11	111mSv/hr				
3B	90	Ta #36						
3C	99	UC <sub>x</sub> #4	09/14/12	55.3mSv/hr				
4A	101	NiO #1	10/24/12	35.5mSv/hr				
4B	104	TiC #3	01/15/13	98.7mSv/hr				
4C								
5A								
5B	85	Nb #5	01/11/11	230 mSv/hr				
			11/01/12	7.70mSv/hr	Assayed			
5C	95	Nb #6	06/11/12	152mSv/hr				

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	411mSv/hr				
7A								
7B	92	TaC#1	11/16/11	239mSv/hr				
7C	81	ZrC#5	08/25/10	292mSv/hr				
			11/01/12	5.80mSv/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°				
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