

~~CONFIDENTIAL~~Observed Radiations in Americium Fractions

<u>Component</u>	12-hour activity			50-hour activity		
	<u>Observed relative activity</u>	<u>Assumed counting efficiency (percent)</u>	<u>Relative No. of events</u>	<u>Observed relative activity</u>	<u>Assumed counting efficiency (percent)</u>	<u>Relative No. of events</u>
L x-radiation	2.7	1.5	0.9	2.8	1.5	0.9
K x-radiation	1.0	0.5	1.0	1.0	0.5	1.0
285 kev gamma radiation	0.4	0.5	0.4			
1.3-1.4 Mev gamma radia- tion				2.3	1.2	0.95
200-240 kev electrons	38.3	100	0.2			
1.2-1.3 Mev electrons				11.5	100	0.06

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