

Battelle <small>The Business of Innovation</small>		Radiological Control Record Radiological Survey Report		Survey Report Number 325-07-11-162							
Date 11/26/07	Time 1410	Purpose of Survey: <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Demand <input type="checkbox"/> RCHP Pre Drum for shipment									
Room(s) / Item(s) MS/ Source + Drum		Building 325	TWD(s)# 4.2.02	RWP Number PUB-07-RCT1							
Dose Rate Measurements											
Item Description	Inst. #	Distance	OW	CW	CF _{Beta}	mrem/h β	CF _{Gamma}	mrem/h γ	CF _{Other}	Smear #	
			See	Above							
Contamination Measurements											
#	Location		β-γ	Inst. #	β-γ CF	α	Inst. #	α CF			
M1 + M2	1/5 + 2/5 OF DRUM		<MDA	1,2	10	<MDA	3	7			
①	Pu source		<MDA	5	2.5	<MDA	5	2.96			
②-⑥	3/5 OF DRUM		<MDA	5	2.5	<MDA	5	2.96			
Instruments Used 1. <u>CARBET-0123</u> 2. <u>DT-859-0416</u> 3. <u>ALUNA-0105</u> 4. <u>1CEB4-1463</u>											
5. <u>SCLL4-0001</u> 6. _____ 7. _____ 8. _____ 9. _____											
Signature on this survey form indicates that 1) the instruments above have been source checked in accordance with RCP-5.5.06, Portable Radiological Survey Instruments, and 2) RCT actions in the applicable TWDs related to this job have been reviewed in accordance with RCP-3.4.09, Radiological Job Coverage and Emergency Response.											
<small> ### γ = mrem/h gamma ### β = mrem/h beta ### η = mrem/h whole body neutron * = mrem/h Contact E = mrem/h Extremity [D#] = Direct Survey (dpm/100cm²) [M#] = Smear (dpm/smear) [A#] = Air Sample [T#] = Technical Smear (dpm/100 cm²) [S#] = Special Smear (dpm/100 cm²) <MDA: MDAs for portable survey instruments are found in RCP-5.5.11, Radiological Surveys, Section 4. SAC-4 = < _____ dpm α; BC-4 = < _____ dpm β-γ; Lucium-2029 = < <u>73</u> dpm β-γ and = < <u>11</u> dpm α; Lucium 2200/G2LE = < _____ dpm β-γ </small>											
RCT Name and Signature <i>[Signature]</i>				Date 11/26/07		Reviewed By RCT Supervisor <i>[Signature]</i>				Date 11-26-07	

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