

Generic ALARA Evaluation Comparison Worksheet

Survey Area: <u>NOL-06</u>		Survey Unit: <u>01</u>	
Reference Generic ALARA Evaluation No.: <u>YA-REPT-00-003-05</u>			
Applicable Generic ALARA AL: <u>165</u>			
Radionuclide	Average Concentration	DCGL	fraction DCGL
1. <u>Cs 137</u>	<u>0.25</u>	<u>30 pCi/g</u>	<u>0.083</u>
2. <u>Co 60</u>	<u>0.09</u>	<u>1.4 pCi/g</u>	<u>0.064</u>
3. _____	_____	_____	_____
4. _____	_____	_____	_____
$\Sigma(\text{fraction DCGL}) =$			<u>0.147</u>

If the $\Sigma(\text{fraction DCGL}) <$ the generic ALARA AL, then the generic ALARA evaluation is applicable to the survey unit.

Check one:

Generic ALARA AL **IS** satisfied.

Generic ALARA AL **IS NOT** satisfied.

Prepared by: J. Buesm Date: 8-16-05
 FSS Radiological Engineer

Reviewed by: Alma / DC Smith Date: 8-26-05
 FSS Project Manager/Radiation Protection Manager

Generic ALARA Evaluation Comparison Worksheet

Survey Area: <u>NOL-06</u>		Survey Unit: <u>02</u>	
Reference Generic ALARA Evaluation No.: <u>YA-REPT-00-003-05</u>			
Applicable Generic ALARA AL: <u>165</u>			
Radionuclide	Average Concentration	DCGL	fraction DCGL
1. <u>Co-60</u>	<u>0.102 pCi/g</u>	<u>1.4</u>	<u>0.07</u>
2. <u>Cs-137</u>	<u>0.04 pCi/g</u>	<u>3.0</u>	<u>0.01</u>
3. _____	_____	_____	_____
4. _____	_____	_____	_____
		$\Sigma(\text{fraction DCGL}) =$	<u>0.08</u>
<p>If the $\Sigma(\text{fraction DCGL}) <$ the generic ALARA AL, then the generic ALARA evaluation is applicable to the survey unit.</p>			
Check one:			
<input checked="" type="checkbox"/> Generic ALARA AL <u>IS</u> satisfied.			
<input type="checkbox"/> Generic ALARA AL <u>IS NOT</u> satisfied.			
Prepared by: <u>Renshaw M</u>		Date: <u>5-25-06</u>	
FSS Radiological Engineer			
Reviewed by: <u>Marta C. Smith</u>		Date: <u>5/25/06</u>	
FSS Project Manager			

Generic ALARA Evaluation Comparison Worksheet

Survey Area: <u>NOL-06</u>		Survey Unit: <u>03</u>	
Reference Generic ALARA Evaluation No.: <u>YA-REPT-00-003-05</u>			
Applicable Generic ALARA AL: <u>165</u>			
Radionuclide	Average Concentration	DCGL	fraction DCGL
1. <u>Co-60</u>	<u>0.08 pCi/g</u>	<u>1.4 pCi/g</u>	<u>0.06</u>
2. <u>Cs-137</u>	<u>0.03 pCi/g</u>	<u>3.0 pCi/g</u>	<u>0.01</u>
3. _____	_____	_____	_____
4. _____	_____	_____	_____
$\Sigma(\text{fraction DCGL}) =$			<u>0.07</u>

If the $\Sigma(\text{fraction DCGL}) <$ the generic ALARA AL, then the generic ALARA evaluation is applicable to the survey unit.

Check one:

Generic ALARA AL **IS** satisfied.

Generic ALARA AL **IS NOT** satisfied.

Prepared by: J. Brason Date: 11-15-05
FSS Radiological Engineer

Reviewed by: [Signature] Date: 11/16/05
FSS Project Manager/Radiation Protection Manager