

Mello Aff #2, Par 22; erratum in affidavit: should be 138,000 cubic yards of radioactive waste plus 1,235,000 lbs. of hazardous waste, over presumed 50 year life.

<i>Resource/Material Categories</i>	<i>No Action Alternative</i>	<i>Alternative 1 (relocate CMR AC and MC operations to TA-55)<sup>a</sup></i>	<i>Alternative 2 (relocate CMR AC and MC operations to TA-6)<sup>a</sup></i>	<i>Alternative 3 (relocate CMR AC and MC operations to TA-55)<sup>b</sup></i>	<i>Alternative 4 (relocate CMR AC and MC operations to TA-6)<sup>b</sup></i>
<b>Accidents (Maximum Annual Cancer Risk, LCF)</b>					
Population	0.0024	0.0005	0.00048	0.0005	0.00048
MEI	$4.3 \times 10^{-6}$	$1.5 \times 10^{-6}$	$3.3 \times 10^{-7}$	$1.5 \times 10^{-6}$	$3.3 \times 10^{-7}$
Noninvolved worker	0.00019	$5.0 \times 10^{-6}$	0.000054	$5.0 \times 10^{-6}$	0.000054
<b>Environmental Justice</b>	No disproportionately high and adverse impacts on minority or low-income populations				
<b>Waste Management (cubic yards of solid waste per year unless otherwise indicated):</b> Waste would be disposed of properly with small impact.					
Transuranic waste	19.5	61	61	61	61
Mixed Transuranic waste	8.5	27	27	27	27
Low-level <sup>f</sup> radioactive waste	1,217	2,640	2,640	2,640	2,640
Mixed low-level radioactive waste	6.7	26	26	26	26
Hazardous waste (pounds per year)	10,494	24,692	24,692	24,692	24,692
<b>Transportation</b>					
<b>Accidents<sup>g</sup></b>	<i>Dose</i>	<i>Dose</i>	<i>Dose</i>	<i>Dose</i>	<i>Dose</i>
MEI (rem per year)	$7.7 \times 10^{-7}$	0	0.00015	0	0.00015

LCF = latent cancer fatality; MEI = maximally exposed individual member of the public.

<sup>a</sup> Relocate CMR AC and MC and actinide research and development activities to a new CMRR Facility consisting of an administrative offices and support functions building and Hazard Category 2 and 3 buildings.

<sup>b</sup> Relocate CMR AC and MC and actinide research and development activities to a new CMRR Facility consisting of only Hazard Category 2 and 3 buildings.

<sup>c</sup> Construction impacts are based on Construction Option 1, which is bounding.

<sup>d</sup> Acreage reflects building footprints, parking lot, and new roads as applicable.

<sup>e</sup> CMR operations would require no additional workers beyond what was projected by the Expanded Operations Alternative analyzed in the LANL SWEIS. Increased CMRR Facility operations at LANL would require up to 550 workers. This would be an increase of 346 workers over current requirements. The Expanded Operations Alternative presented in the LANL SWEIS addressed the impact of this increase in employment.

<sup>f</sup> Volumes of low-level radioactive waste includes solid waste generated by the treatment of liquid low-level radioactive waste generated by CMR operations.

<sup>g</sup> Population transportation impacts would be bounded by the normal operation and accident impacts evaluated for the various alternatives.