



LOS ALAMOS SCIENTIFIC LABORATORY

UNIVERSITY OF CALIFORNIA  
LOS ALAMOS, NEW MEXICO 87545  
Telephone Ext:

## OFFICE MEMORANDUM

TO : M. A. Rogers, H-12, MS 490

DATE: 26 December 78

FROM : J. L. Warren, H-7

SUBJECT : REVISIED RADIOUCLIDE SUMMARY

SYMBOL : H7A-78-444

MAIL STOP: 517

1740  
7A-21

The attached is a revised Radionuclide Summary Table for waste disposal at LASL through September, 1978. The table is "accurate" in that the table published previously has been updated with current disposal data. However, I feel that there are inaccuracies in the table which date back to the original, published in LA-5614-PR (1974). In particular, there is no  $^{239}\text{Pu}$ ,  $^{238}\text{Pu}$ , or  $^{241}\text{Am}$  assigned to the Area C shafts. Some or all of these nuclides, in "significant" quantities, likely will be found once we have entered the Area C shaft disposal data into our computer records. Similarly, data for other areas we expect will be upgraded as the past disposal data is recorded and tabulated in the computer system. We will keep you informed of any changes that are made.

JLW:pb  
Attachment - a/s



10126

Estimated Total Radionuclide Content of Materials Placed in  
 Subsurface Disposal and Storage as of ~~January, 1977~~ a  
 SEPT 30, 1978

Disposal Shafts

Isotope	Area C (1960-1969)	Area G (1965-1978)	Area T (1968-1978)	Total in Dis- posal Pits and Absorption Beds	TRU-Retrieval- able Solid Waste Storage		Total
					G	T	
<sup>3</sup> H	35500	191221		4			226725
<sup>22</sup> Na	9	9					18
<sup>60</sup> Co	9	107					116
<sup>90</sup> Sr- <sup>90</sup> Y	25	265		2570			2860
<sup>137</sup> Cs		5					5
<sup>233</sup> U	5	6	7		41		41
U <sup>b</sup>	<.1	<.1	<.1	84	<.1	<.1	84
<sup>238</sup> Pu		4	48	41	76845	47	76985
<sup>239</sup> Pu <sup>c</sup>		98	195	373	1592	61	2319
<sup>241</sup> Am			3775	2204	25	10253	1625
MFP	24	1462	3	575			2064
MAP	8	169		19			196

TOTAL 327670

- a All va
- b Includ
- c Weapon  
gram.

} same  
footnotes