

OFFICE MEMORANDUM

TO : Distribution

DATE: October 7, 1974

FROM : Merlin Wheeler, H-8 *mw*

SUBJECT : TRITIUM CONTENT OF DISPOSAL AREAS

SYMBOL : H8-WM-290

TA-50

In recent months several tabulations have been prepared of radionuclide content of LASL disposal areas. The records concerning disposals are scattered and many. A thorough compilation of all records is presently underway, and until complete, all data on nuclide contents should be considered preliminary.

Tritium comprises the bulk of the activity in the disposal areas, and proportionate to its large volume accounts for the most significant changes in inventory tabulations. A recent check of all available records indicate some corrections are necessary in the data appearing in the October-December Quarterly Report of LASL Waste Management R & D (LA-5614-PR).

One factor contributing to this revision was the recent recognition, on my part, that curie tabulations which originate with the Accountability Office are based on the curie content at the end of the then-current decade. That is, curie content of material issued during 1960-1970 is based on what the curie content will be in 1970, etc. This procedure alters the computation of decay corrections.

The values given in the following table should be treated as preliminary, but correct to the best of my knowledge as of the date of this memo.

TRITIUM IN DISPOSAL AREAS

as of 1 January 1973 ^(a)

Use Dates:	Area C	Area G		TOTAL
	Shafts <u>1960-1969</u>	Shafts <u>1965-present</u>	Pits <u>1958-present</u>	
Isotope				
H ³	49 136	77 661	4	126 801

(a) All values in curies, decay corrected to 1/1/73

error should have been placed in Area T
 12-10-74
 personal communication from Mark Co



TO: Distribution

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MLW:jc

Distribution:

A. Stoker, H-8 MS 490

~~A. Stoker, H-8 MS 490~~

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