

OFFICE MEMORANDUM

TO : J. E. Dummer, H-1

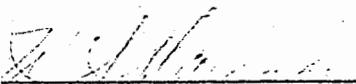
DATE: April 17, 1973

FROM : W. J. Maraman, CMB-11

SUBJECT : General's Tanks

SYMBOL : CMB-11

W. B. Gibson prepared a response to D. D. Meyer's questionnaire on the General's tanks. Both memos are attached for your information.


W. J. Maraman

WJM:arm

cc: R. D. Baker, CMB-DO
File

1238
7A 21



OFFICE MEMORANDUM

TO : W. J. Maraman, CMB-11

DATE: December 6, 1971

FROM : W. B. Gibson, CMB-11

SUBJECT: General's Tanks - Memo from Dean D. Meyer, December 3, 1971

SYMBOL : CMB-11

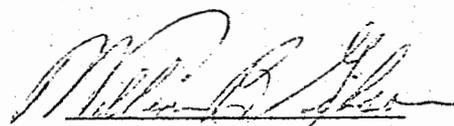
Area A

Champion's records, which were made at the time solutions were transferred into the tanks, on the basis of radioassay (total alpha) of the individual trailer tank loads, showed a total of 344 grams into the two tanks.

Inasmuch as records at that time were kept to the nearest 0.01 grams, this is probably a reasonable figure for total alpha equivalent.

A corroborative sampling of each tank was performed about 1950 or 1951, and the results were in good enough agreement with the above that no corrections were thought to be necessary. So far as I know, no records of this sampling are still in existence, but I seem to vaguely recall that the NaOH supernatant tank had about 180 grams in 50,000 gallons, and the NH₄OH tank had about 160 grams in 35,000 gallons.

How much of this is actually Pu, and how much is due to Am is open to speculation, but a reasonable guess might be about 20-30 grams of Pu, and the rest due to Am, but that is probably irrelevant, since the primary question is not how much Pu, but rather how much activity.


W. B. Gibson

WBG:arm

copy sent to 118, 11/22/71

7013

OFFICE MEMORANDUM

TO : W. J. Maraman, Group Leader, CMB-11

DATE: Dec. 3, 1971

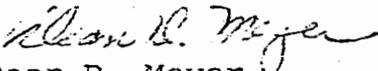
FROM : Dean D. Meyer, Group Leader, H-1

SUBJECT: GENERAL'S TANKS

SYMBOL : H-1-71-302

In the area between DP West and DP East, there are two tanks designated as structures TA-21-107 and TA-21-108 on the Engineering Technical Area Structure location plans. During the latter part of 1946 to an unknown date, these tanks were used to store solutions containing plutonium-239.

Sometime, these tanks will have to be removed. It will be important at that time to know approximately how much ^{239}Pu is in the tanks and what was the chemical nature of the solutions stored. If possible, I would like to have this information for the records.


Dean D. Meyer

DDM/eh

cc: File