

From Radioactive Contam. Status of Bldgs. in 1964-1965

TO : S. E. Russo, ENG-3
THRU : Dean D. Meyer, Group Leader, H-1
FROM : Carl Buckland, Leader, General Monitoring Section, H-1
SUBJECT: FINAL RADIOACTIVE CONTAMINATION SURVEY OF CERTAIN STRUCTURES
IN TA-1
SYMBOL : H-1

DATE: April 21, 1964

TA-1-11, D-5 Vault (Sigma Bldg cluster)

Outside grounds - Oil spills north of first security fence (upon leaving vault) read 7000 c/m alpha and 1 mr/hr (open shield Geiger tube instrument). Southeast of vault, .2 mr/hr on the ground. It is recommended that the top layer of dirt be removed from these isolated spots under H-1's surveillance and disposed of at the contaminated waste area. It is not known how far down in the soil the contamination extends.

Rest room and sprinkler utility room - Both consist of frame construction. They are free from contamination and may be released.

Vault proper - Safe combination doors are free from contamination and may be released. Shelving is contaminated and should be removed under H-1 surveillance and placed in the contaminated dump. Four of the five rooms do have alpha contamination that can still be detected with hand survey instruments (200 to 500 c/m on floors and walls). A fire involving U²³⁵ contaminated rags occurred in the vault many years ago. Following this incident, the floor was given a heavy coat of Ammercoat paint. The extent of contamination that remains under this paint is unknown. It is our opinion that this building should be removed to the contaminated waste area.

TA-1-16, Delta Building

Remove duct work and SS tank under H-1 surveillance for disposal in the contaminated dump. Building including floor is not contaminated and can be sold. The floor drains are suspect and will require monitoring by H-1 upon removal.

TA-1-19, Building F

Free from contamination.

TA-1-20, Building FP

Free from contamination.

Received by ER-RPF
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