

January 20, 1965

6. j. 3095
RECOMMENDED PROTECTIVE MEASURES AGAINST RADIOACTIVE CONTAMINATION FOR PERSONNEL
DURING DEMOLITION OF TA-21-20 AND TA-21-33

GENERAL

Structure TA-21-20 (Laundry Building) is to be demolished and disposed of in the contaminated disposal pit. Loose contamination exists in the exhaust ductwork and in the ventilators located on the roof. Contamination inside the building is limited to slight dust contamination on overhead pipes. Fixed contamination was detected on walls, insulated steam lines and in the concrete floor trenches.

It is recommended that the exhaust ductwork, ventilators, and all service lines in the building be removed and hauled to the contaminated disposal pit before demolition of the building is started.

A headache ball will be used to demolish the building. Combustible and non-combustible material will be sorted and taken to designated areas in Pit #4, Area G, Mesita del Buey for disposal. The material is to be covered with a tarp after being loaded into trucks to prevent loss of material or spread of contamination during transit. The concrete floor slab in the building will be broken up and dumped into the canyon south of the building.

Health monitoring service will be provided by the DP West Monitoring Section. Protective clothing and respiratory equipment may be obtained in the clothing dispensary in Building 1, DP West.

PROTECTIVE MEASURES

1. A complete change into government furnished protective clothing will be required for all workers during removal of exhaust ductwork, ventilators, piping, and during demolition of the building.

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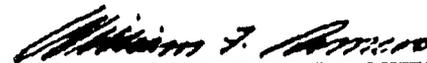
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2. Workmen must report to the H-1 Office, Room 6, Building 1 before work is started. Lockers will be assigned and protective clothing issued.
3. Workmen will be monitored at noon and at the end of the work day and will be advised to change into clean coveralls if necessary. All protective clothing must be returned to the Hot Locker Room.
4. Shower facilities are available at DP West. Showering at the end of the work day is recommended for men working in areas of loose contamination.
5. All tools used in demolition of the building must be monitored before being removed from the area.
6. The health monitor will contact John Enders each time a load of material is hauled to the contaminated pit and make arrangements to have an H-1 representative at the dump.
7. All injuries must be reported to the health monitor. First aid treatment is available in Room 13, Building 1, DP West.

DISPOSAL OF STRUCTURE TA-21-33 (Waste Treatment Lab)

The hoods, tables, work benches and miscellaneous items in this building are contaminated to 15-K c/m alpha. Perchloric acid has been used in the hoods and presents an additional hazard. It was decided to have the building cut into two sections and hauled to the contaminated disposal pit. Loose debris and small items in the building should be packaged before the building is removed. The open ends of the building should be covered with a tarp to prevent spread of contamination during transit.

Structure TA-21-62 (Septic Tank) located south of the building and drain lines leading to the tank are contaminated and should be removed and disposed of in the contaminated disposal pit. The same protective measures as outlined for disposal of TA-21-20 will apply to this job.



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