

C. W. Christenson, H-7 Group Leader

1/8/59

John Enders, H-1

GENERAL DESCRIPTION OF BETA-GAMMA ACTIVE WASTE RESIDUE FROM 10-SITE.

H-1

As per your telephone call on 1/7/59, the following is a rough general description of the procedures used by CMB-DO-GS for disposal of their radioactive residue.

At infrequent intervals these residues are accumulated in the cells, dried and put into a Dural container. The container is about 12 inches in length and about 4 inches in diameter. It has a cone shaped bottom.

After the material is in this Dural container a plug is put in the top of the can, and it is then put into a 4 inch diameter iron casing. This casing then has a lid soldered to it and is placed in a lead transport container. The container now in use is adequate for up to 40 Curies of material.

The transport container is placed on the back of a $1\frac{1}{2}$ ton truck and secured in place with chain. The truck is driven to the Disposal area (Area "C") and parked at the edge of the disposal hole.

A tripod is set up near the hole. A long (about 10 ft.) boom fixed to the tripod is brought over the transport container and a string holding the iron casing is fastened to a rope that runs through a pulley on the end of the boom. The casing is then pulled up out of the transport container and swiveled over the hole. The string is cut and the casing drops into the hole. Dirt is then shoveled over the casing. Usually a few shovel fulls is enough to reduce the activity at ground level to one mr/hr.



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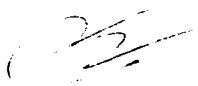
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General

C.W. Christenson, H-7 Grp.Ldr.

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The holes mentioned were dug in February, 1958. Twelve holes measuring 2 ft. by 12 ft. in depth are located between Pit #5 and Pit #4, Area "C". The distance between each hole is about 10 ft. Space is available for at least fifty more holes.

The disposal operation is carried out by CMB-DO-GS personnel. An H-1 monitor is always present during the operation. To date several such deliveries have been made and no significant exposures have been received by the personnel doing the work..


John W. Enders
H-1 Section Ldr.
CMR-Bldg.

CC: Dean Meyer, H-1 Group Leader
John Schulte, CMB-DO-GS Group Leader
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