



UNION CARBIDE CORPORATION

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STERLING FOREST
RESEARCH CENTER

January 22, 1974

Mr. R. Gilmer
Union Carbide Corporation
P. O. Box 500
Lawrenceburg, Tennessee 38464

Dear Mr. Gilmer:

On January 8 & 9, 1974, I conducted a radiation and contamination survey of Building No. 10 located at the Carbon Products Division's site in Lawrenceburg, Tennessee.

The purpose of this survey was to determine the effectiveness of the decontamination work performed by Todd Research and Technical Division under Contract No. 70-743-1.

This survey included analysis of over 100 wipe samples for loose activity and multiple direct surface measurements for fixed activity.

Instrumentation used for this survey were:

1. Eberline Portable Alpha Counter Model PAC-1SA coupled to a Model AC-3 Alpha Scintillation Detector.
2. Eberline Scintillation Alpha Counter Model SAC-2.
3. Packard Instrument Co. Windowless 2π Flow Counter coupled to a Tracerlab Scaler.
4. Eberline Model E-120 Portable Survey Meter coupled with a Model HP-177B Beta-Gamma Probe.

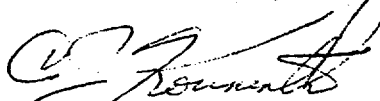
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Results obtained from my survey substantially agree with the survey results obtained by Todd Nuclear Division and indicate that radiation and contamination levels in all areas of the building are within the limits specified in Table II, Page 3 of the AEC publication entitled "Guidelines For Decontamination Of Facilities And Equipment Prior To Release For Unrestricted Use Or Termination Of Licenses For ByProduct, Source, Or Special Nuclear Material".

I found nothing in my survey which would indicate the need for additional decontamination prior to unconditional release of this building.

Should you need any additional information, please give me a call. My phone number is (914) 351-2131 Ext. 303.

Very truly yours,



C. J. Konnerth

Supervisor, Health Physics
Sterling Forest Research Ctr.
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CJK:js