

ARGONNE NATIONAL LABORATORY

DATE July 19, 1949

TO J. E. Rose and I. D. Marinelli DEPARTMENT Health Physics

FROM G. C. Payne and J. E. Pingel DEPARTMENT " "

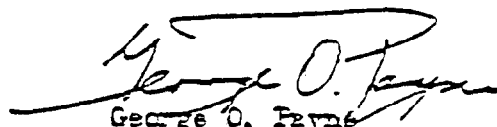
SUBJECT Final Survey of the East Pavilion of the Museum of Science & Industry

A final survey of the East Pavilion of the Museum of Science and Industry for radioactive contamination was completed July 12, 1949. No contamination above background levels of the instruments could be detected on any parts of the building or equipment remaining in the building. Background levels of the instruments were less than 200 dis/min for portable alpha counters and less than 0.5 μ r/m for portable beta-gamma counters.

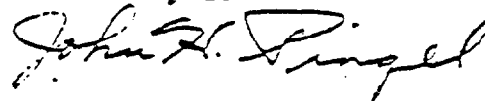
Two contaminated articles found and removed from the building were:

1. The masonite bottom of a box which had alpha and beta contamination to the extent of 2-12 μ dis/min and 1/1 μ S;
2. A large burlap bag with beta or gamma contaminant giving readings as high as 2/1 μ S.

Instruments used were portable alpha counters, portable alpha floor counter and Precision portable GM counters. Surveying was done by G. C. Payne, E. P. Schlant, Wm. J. Friedman, and J. E. Pingel.


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GCP:em

cc: Reading File