

ATG INC.

ALLIED TECHNOLOGY GROUP

September 16, 1997

To: John May, Radiological Safety Officer, Fort McClellan, AL
From: Frank Whitaker, Project Manager, Allied Technology Group (ATG) *Frank Whitaker*
Subj: Background Surveys, Fort McClellan

During ATG's characterization, surveys, and remediation of Building 3192 'Hot Cell' - Building 3182 'Military Police Museum', and the surrounding grounds, background surveys were performed.

For Building 3192, 'Hot Cell', and Building 3182, 'Military Police Museum', background samples were performed at the Military Police School across the road in an "unaffected area" of the site. This building was of the same age and construction as the two affected buildings. Background surveys ranged from 6 to 8 $\mu\text{R/hr}$ with a Ludlum Model 19 Micro-R meter. Background surveys ranged from 40 to 100 counts per minute (cpm) with a Ludlum Model 9 Count Rate meter with a HP-280 GM Pancake probe. Background surveys for the Model 19 meter with a 44-9 probe (100 cm^2 probe) were in the range of 400 cpm. Background surveys were verified in each of the affected areas by taking free air surveys away from any affected areas.

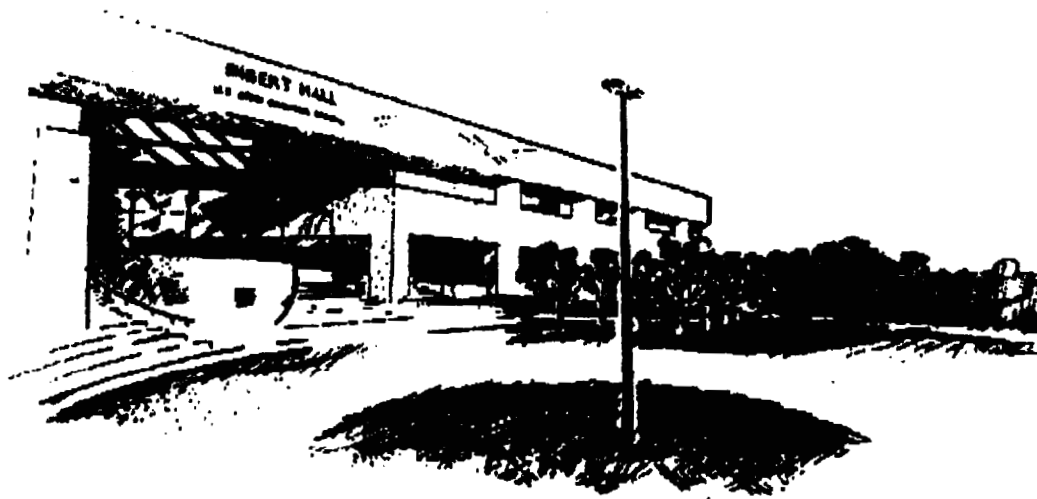
For the outside areas surrounding Building 3192 'Hot Cell' and Building 3182 'Military Police Museum', background surveys and soil samples were taken in each quadrant of the site (north, south, east, and west) outside of the affected area. Background surveys ranged from 7 to 13 $\mu\text{R/hr}$.

Background analysis for the Ludlum Model 2929 Counter/Scaler with a 44-10-1 probe for alpha and beta-gamma were performed in a counting room of a trailer which was located on the concrete berm directly behind the MP Museum. The background for this instrumentation ranged from 0 to 2 cpm alpha. Beta-gamma background activity ranged from 52 to 92 cpm.

Please call if I may be of further assistance on these issues.

cc: Mike Styvaert, IOC

Facsimile Transmittal Header Sheet



U.S. ARMY CHEMICAL SCHOOL



TO: CRYSTIA MASZYK Bailey
U.S. CRC Region II
Fax (404) 562-4955

FROM: John May
ATTN: ATZN-CM AHP
FT McCLELLAN, AL 36205
DSN: 865-5737
FAX: COMM 205-848-4615
DSN 865-4615

CLASSIFICATION

PRECEDENCE

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SIGNATURE OF AUTHORITY

REMARKS As requested

A handwritten signature in cursive script, appearing to read "John May".