



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VIII
1860 LINCOLN STREET
DENVER, COLORADO 80203

October 2, 1974

RECEIVED

OCT 3 1974

Utah State Division of Health
44 Medical Drive
Salt Lake City, Utah 84113

Attn: Dennis Dalley, Chief

Radiation & Occupational Health Div.

Utah State Div. of Health
Environmental Health

OFFICE OF DIRECTOR
UTAH STATE HEALTH DIVISION

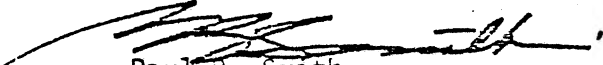
OCT 7 1974

Dear Dennis:

In accordance with our previous discussions relative to the collection of soil samples for plutonium analyses, I am enclosing instructions for collecting these samples. As you are aware, this document comes from our Las Vegas facility which will be doing the analyses. In regard to this question, I have been informed that the Office of Radiation Programs Lab in Las Vegas has a considerable backlog of samples, which means that your samples would require several months before analytical results would be forthcoming.

Of particular interest to you, I think, will be the AEC Health & Safety Lab Report titled "Plutonium Fallout in Utah," which I am enclosing for your use. It is noteworthy that the maximum plutonium in soil values for certain locations in Utah are up to 3.8 times the maximum values found anywhere else in the United States. It is also surprising that everyone but the Utah Department of Social Services - Division of Health has been involved in making this report possible, while your Division is directly concerned with this problem and has been involved in extensive radiation monitoring efforts since the early 50's (see the Report's acknowledgment section). In order that you may better interpret the plutonium data for Utah, I am supplying you with a simplified conversion table for various plutonium units used to express activity of plutonium contamination in soil. In follow-up to our telephone conversation of October 2, I hope that we have an opportunity to discuss in more detail some aspects of the HASL report which you may wish to pursue.

Sincerely,


Paul B. Smith
Chief

Radiation/Noise Control Branch

Enclosures