

ENVIRONMENTAL RESEARCH GROUP, INC.



117 N. First Ann Arbor, Michigan 48104 (313) 662-3104

May 14, 1985

U.S. Nuclear Regulatory Commission
Region III
799 Roosevelt Road
Glen Ellyn, IL 60137

RE: Letter dated April 30, 1985 - Control No. 77708

Dear Ms. Whiston:

The following is more detailed information needed to process the amendment to our license making me an authorized user as well as Radiation Protection Officer for ERG, Inc.

I have worked for three years using neutron activation analysis and I am familiar with the rules of handling radioactive materials. In addition to activated samples, I have used up to 0.1 μ Ci of the following

Sr-90: Environmental Standard

Po-208: Spike recovery for Pb-210 analysis

C-14: Biological tracer studies

Ir-192,194: Recovery determination for iridium analysis after radiochemical separations

I have also used up to 35 nCi of Ra-226, Ra-228 and Am-241 for environmental standards and 5 nCi tritium also for environmental work.

I am the only person at ERG who deals directly with radioactive materials. Therefore, I oversee all activities which pertain to radionuclides. Typically, my duties include monitoring areas where radioactive materials are used. I also handle incoming and outgoing shipments of radioactive materials, check for proper packaging and determine if any leakage has occurred. I perform leak tests for Ni-63 every 6 months on our gas chromatography detectors. I am presently in the process of inventorying our stocks of radionuclides.

As stated above, I am the only person here authorized to use radioactive materials other than sealed sources. Consequently, I have the authority and responsibility to terminate any and all projects which may pose a hazard to health or property. Since we use fairly low levels of activity in our laboratory, the chances of a threatening situation are very remote.

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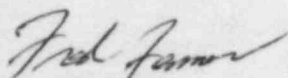
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We are preparing to relocate the Nuclear Studies section to another room. The room will be dedicated to Nuclear Studies and will be better equipped to handle radioisotope work including both storage and disposal. We are also in the process of hiring a new person to assist me with my work. My duties then will be to familiarize the new employee with our operation and to review basic radiological safety.

Enclosed, please find a statement from the management of ERG, Inc. authorizing me to represent ERG in matters pertaining to our NRC license.

If you have further questions or desire more information, please feel free to contact me.

Sincerely,



Fred Fenner, Manager
Nuclear Studies

Enclosure

FF/ks

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To Whom It May Concern:

This is to certify that Fred Fenner is an authorized user of radioactive materials at ERG, Inc.

A handwritten signature in dark ink, appearing to read "Thomas F. Cullen, Jr.", is written over the printed name.

Thomas F. Cullen, Jr.
Division Manager, Analytical Services