



ELECTROCHEMICAL DISCOVERIES LTD.

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SURVEY REPORT OF LOCATIONS WHERE BY-PRODUCT MATERIALS HAD BEEN, PRIOR TO APRIL 2, 1982

By-product material comprising glass containers in which tritium and tritium derivatives were present existed at my residence at 5246 South 76 East Avenue, and otherwise as indicated in Coleman Smith's letter of June 2, a copy of which is attached hereto.

In addition to the tests conducted by Smith, I conducted tests with a geiger counter having beta ray window arrangements, and surveyed the inside of a temporary storage location on the west boundary of the Downtown Airpost located on West 36 Street North, Tulsa. I surveyed the interior of the temporary structure in lanes six inches wide, covering the whole interior. No excess of impulses was observed appreciably above the background level. The survey was performed slowly occupying approximately 30 minutes in all.

In addition, I also slowly surveyed the vicinity of the building, which has since been destroyed, and the concrete area on which it had rested. No gamma ray count appreciably above the background was found in 30 minutes. It is the conclusion that, as Smith says in his letter, no significant radioactive contamination existed anywhere in the vicinity of this temporary storage facility. This structure was 4' X 8' X 6'.

This survey and those reported in Coleman Smith's letter were all completed and found satisfactory prior to the time when the material was received from us by Pacific Intermountain Express, and permanently left the premises. The surveys included all places where any by-product material had been. No by-product material remains in our hands.

By: Robert E. Teason
Date: 6/22/82

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State Department of Health

1000 Northeast 10th Street
Post Office Box 53551
Oklahoma City, Oklahoma 73152

June 2, 1982

Mr. Robert Fearon
Electro Chemical Discovery, Ltd.
Suite i
Tulsa, Oklahoma 74145

Dear Mr. Fearon:

This letter is to denote the results of the tests for radioactive contamination that were performed in your residence at 5246 S. 76 Ave., on a concrete storage building, and upon the exterior of a drum containing sources to be sent for disposal.

Tests were conducted using dry filter paper swipes which were immediately immersed in 10 ml of deionized water. This water was mixed with a scintillation medium and counted on a Packard Tri-Carb liquid scintillation counter. All swipes were taken over a 100 cm sq area.

Original swipes taken in your garage in the area of isotope storage indicated that H3 contamination was present in one location. The activity monitored was 7084.8 DPM \pm 21 DPM. Background on the counter is 125 DPM \pm 5 DPM. Final swipes taken in your garage had activities of 530 DPM \pm 18 DPM or less.

Swipes taken on the shipping drum and your office and shop area indicated that no significant contamination existed. All activities monitored were less than 635 DPM \pm 20 DPM. The shipping drum had an activity of 375 DPM \pm 15 DPM.

The activities monitored on the last swipes taken on each area or item indicate that no significant radioactive contamination exists.

Should you have further questions, please feel free to write or telephone me.

Very truly yours,

Coleman H. Smith
Radiation Advisory Officer