

Rocky Mountain Peace and Justice Center

P. O. Box 1156, Boulder, CO 80306 (303)444-6981 FAX (303)444-6523

23 June 1998

Mr. Russell McCallister
DOE Rocky Flats, Regulatory Liaison Group
P. O. Box 928
Golden, CO 80402-0928

Dear Mr. McCallister: *Russ*

As you know, I have sought funding for Iggy Litaor to be able to complete for publication work he did at Rocky Flats on migration of plutonium in the soil. He had hoped to be able to travel to Colorado this summer to do this work. Kaiser-Hill, however, declined to provide the funds required. They did offer to send Litaor the computer software and data needed for him to complete the task in Israel. I am pleased to report that in the enclosed letter to me dated 2 June he has agreed to this approach. In an attachment to the letter he specifies software and data needed.

I am forwarding his letter to you at his request. From this point forward it would be better for you or Christine Dayton to be in direct contact with him regarding any arrangements that need to be made to be sure he gets the required materials in a timely manner. He gives his mail address in Israel at the end of his letter. He can be reached by telephone at 011-972-5-690-0985 or via FAX at 690-0978. His E-mail address is litaori@telhai.ac.il.

Thank you very much for your attention to this matter. If I can be of any further assistance please call me at the above number or at 447-2779. I will be out of town 28 June till 8 July.

Yours sincerely,

LeRoy Moore
LeRoy Moore

cc: M. Iggy Litaor, Tel Hai College, Israel
Christine Dayton, Kaiser-Hill Rocky Flats
Steve Gunderson, CDPHE
Tim Rehder, EPA
Rocky Flats Citizens Advisory Board
Rocky Flats Radionuclide Soil Action Level Oversight Panel

ADMIN RECORD

SW-A-005980

4/4

June 2, 1998

Dr. LeRoy Moore
Rocky Mountain Peace and Justice Center
Box 1156, Boulder CO 80306
USA

Dear Dr. Moore

Thank you for your letter dated May 14, 1998. It helped me to better understand the forces you are up against. I was not surprised from the fierce opposition to get me back on site. After all, the issue of the actinides migration in the environment exists today only because of my work and my persistence to bring it up with the regulatory agencies and the public.

The following are answers and comments to your letter as well as K-H letter.

I know the rules of publications on Site. This bureaucratic obstacle course did not prevent me from publishing in the past and I will continue my efforts to publish the remaining pieces of my work in the near future. However, as I indicated in my previous correspondence to you, direct and continuous contact with the Site technical staff during the summer could have improved significantly the quality of the work.

The high cost analysis of my proposed work at the site done by K-H is wrong and misleading. To assume that my work will cost \$ 40,000 is preposterous. I did not ask for a salary or expert's fees, just travel and living expenses while in Colorado. All the requested software is already on Site, thus K-H willingness to purchase the software at a cost higher than I have asked in my original proposal clearly indicates that their judgment is flawed. In any event, if they can not find the requested software, K-H should re-purchase it...

Attached, please find my software and data requests for this project. K-H should provide me with the software and data as soon as possible. The proposed time frame for this work is July through September, 1998.

K-H claims that all data funded by DOE are the property of DOE. All the data published by the defunct soil study team is already in public domain and in DOE disposal. All the hydrogeochemistry data are residing in the central computer located in the former soil study laboratory. Moreover, most of the raw data are filed and stored in the various master theses published by my graduate students (Daniels, 1996; Litus, 1996; Moffitt, 1996; & Zika, 1996).

It is interesting to note that the dissolved oxygen data that K-H is so adamant to get were collected while I was already expelled from the site and was done against their wishes. One of my graduate student had obtained a DOE permit to visit the site and was collecting the data using a University of Colorado DO meter. So, I am wondering to whom these data belong to? My work was heavily and publicly criticized by K-H for not collecting redox potential information which they refused to let me collect in spite of repeated requests. Moreover, one of the reviewer of ES&T was sure that I have accumulated 1000's of redox measurements during the 1995 flood event and could not understand why I am 'hiding' this important information. How can I tell this reviewer and the scientific community at large that most of the

Attachment

Software needed that should be on Site or re-purchased:

Visual MODFLOW

Complete SPSS

Surfer

Grafer

Data needed:

All wells information (e.g., coordinates, elevation, depth to casing, water depth, etc.) during 1995, 1996, 1997, and 1998 for wells number: 191, 13591, 2687, 1587, and 11791. Other wells may be requested in a latter date.

All the flow data collected at the South Interceptor Ditch between March to December of 1995.

Files in a DXF format that can be read by Visual Modflow and Surfer:

(1) The area encompasses the 903 Pad, well 191, well 2687, sw057, sw053, and the old shooting range. The file should also include the areas within 50 meter east of well 2687, 50 meters south and east of SW057, 10 meters north of wells 191 and 2687. Please include the fence and the dirt roads within the requested area. Please do not provide information outside the requested area or other irrelevant information within the requested area.

(2) The area encompasses the 903 Pad, well 191, well 2687, sw057, sw053, and the section of the South Interceptor Ditch between the 903 Pad and well 2687. Do not provide the SID information outside the requested area. The file should also include the areas within 50 meter east of well 2687, 10 meters north of wells 191 and 2687. Please include the fence and the dirt roads within the requested area. Please do not provide information outside the requested area or other irrelevant information within the requested area.

data gleaned during the most significant hydrological event in the Site's history was collected under the umbrella of intimidation, concealment, and bad faith imposed by the K-H management? In any event, the data will be made available to the public.

All data calculations associated with the current work will be provided on diskette to K-H. All software purchased by K-H will be returned promptly to the site upon completion of the project (i.e., a letter from the publisher that the paper has been accepted and no further revision is required).

The results of this work must be given to the actinides migration study. After all, its very existence stemmed from my work.

You have asked me to provide name(s) of potential researcher(s) to continue the work on site. I regret to say that I do not know of any American scientist who will be qualified and independent enough to carry this work further. This is exactly the reason why they so strongly refused my involvement with the research on site.

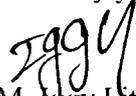
I am willing to be part of the public oversight process of the Actinides Migration Studies. Please feel free to add my name to the list.

I would appreciate if you distribute this letter to Steve Gunderson of CDPHE, Russell McCallister of DOE, Tim Rehder of EPA, and the Rocky Flats Citizen's Advisory Board.

Once again, thank you for your support and encouragement during the last 3 years.

If you have more questions and comments regarding this comment please do not hesitate to write.

Sincerely yours,



M. Iggy Litaor
Associate Professor
Department of Biotechnology and Environmental Sciences
Tel-Hai College
Upper Galilee, 12210
Israel

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