

Tarleton

file: RFI. 1.7  
Building rubble



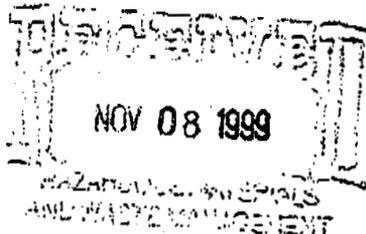
Department of Energy

ROCKY FLATS FIELD OFFICE  
P.O. BOX 928  
GOLDEN, COLORADO 80402-0928

NOV - 4 1999

00-00408

Tom Brunner, Chair  
Rocky Flats Coalition of Local Governments  
8461 Turnpike Drive, Suite 205  
Westminster, CO 80031



Dear Mr. Brunner:

I am writing to summarize the results of the meeting held at the Rocky Flats Environmental Technology Site (Site) October 28, 1999, between a delegation from Rocky Flats Coalition of Local Governments (RFCLOG) and numerous Site personnel, including myself, in regard to issues surrounding the demolition of Building 779 and the management of the rubble from the Building 779 demolition. The Site believes the program we currently have in place is based on the best technical evidence available, and is protective of public health and the environment. However, we are pleased to offer the clarifications and modifications described below.

We discussed six discrete issues. I will list them below along with the results of our conversation relevant to that issue.

1) Water Monitoring. The RFCLOG delegation expressed a concern about monitoring water that may flow from the demolition rubble from the Building. The Site officials explained that the rubble pile will be bermed, and that in the event of a significant rain event there may be water accumulation within the berm. The Site explained that we would monitor this water as it accumulates prior to its release as part of the Site's Incidental Waters program, to ensure appropriate disposition.

2) Air Monitoring. The RFCLOG delegation expressed the need for project specific monitoring during building demolition. We explained that there is project-specific air monitoring during demolition. This monitoring is for radionuclides and dusts. The details of the monitoring are contained in the Building 779 demolition plan and the Integrated Work Control Program (We can make both of these documents available to you.)

3) Volumetric Sampling. The RFCLOG delegation expressed the need for volumetric sampling of the demolition debris, to confirm that the debris is safe and appropriate to recycle onsite. The Site agreed to develop a program for such volumetric sampling for radionuclides. The sampling will take place on a statistically valid basis. The debris will be sampled after demolition occurs but prior to placing the debris in a pile. The Site explained that this project is proceeding rapidly and that if RFCLOG wants input on the protocol for this sampling program it needs to work closely with the Site in the next week to meet our project schedule. The RFCLOG should work directly with Jeff Stevens of Kaiser Hill Company, L.L.C. (K-H) (303) 966-5797.



ADMIN RECCRD

B779-A-000160

1/3

4) Worker Monitoring. The RFCLOG delegation expressed concern about monitoring workers engaged in the demolition work. The Site explained that some workers would be wearing lapel air monitors during demolition work. These lapel air monitors will not be worn by all workers,

but will be worn by a subset of the worker population. (You can get more information on this program from Jeff Stevens (303) 966-5797 or Dave Shelton (303) 966-9877).

5) Protection from the Elements. The RFCLOG delegation expressed concern about exposure of the rubble pile to the elements. The Site personnel explained that the pile would be sprayed as necessary with a surfactant, a material designed to keep the rubble protected from the elements. The pile will be inspected regularly and after major wind and rain events. It is our intention to conduct these inspections every two weeks initially. After some time, we may re-evaluate to see what inspection schedule makes the most sense.

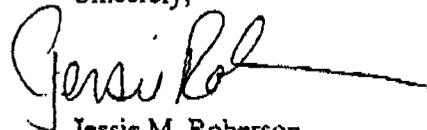
6) Sampling of Fines. The RFCLOG delegation expressed concern about the possibility of fines running off the rubble pile after a rain event. The Site agreed to test possible accumulations of fines after such an event. The details of this sampling program still need to be worked out. We encourage RFCLOG to work closely with David Shelton of K-H on this issue.

The Department of Energy is comfortable with all of these agreements. Please be aware that these agreements are specifically for the demolition of Building 779. We will continue to work closely with RFCLOG and with the entire community to develop protocols and procedures to ensure that our building demolition work, and all of our closure activities, take place safely. We look forward to continuing this dialog and to continuing to provide information. However, we cannot commit now that these procedures for Building 779 demolition will necessarily be the same procedures we use for future building demolitions. Also, the Site will continue to review our monitoring program for the rubble pile to ensure that we are utilizing the most effective and efficient monitoring practices, and not using programs that do not add to our technical understanding of rubble storage.

I appreciate RFCLOG's interest and attention to these issues. I trust that our agreements described above have helped provide the community greater confidence in the overall safety of our demolition program.

Thank you very much.

Sincerely,



Jessie M. Roberson  
Manager

Mr. Brunner  
00-00408

3

NOV - 4 1999

cc:  
S. Gunderson, CDPHE  
T. Rehder, EPA Region VIII  
J Kinsinger, Chair, Rocky Flats Citizens Advisory Board

3/3

Nov 8 1999 16:00 P.04

FAX:303-759-5355