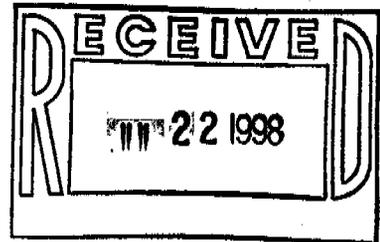




Safe Sites of Colorado & Rocky Mountain Remediation Services

## 779 Closure Project



### INTEROFFICE CORRESPONDENCE

DATE: July 16, 1998

TO: Kevin Daniels, Kaiser-Hill, Bldg. 130, X5844

FROM: Mike Grube, Final Survey Radiological Engineer, 779 Closure Project, B706, X2863

SUBJECT: RESPONSE TO CLOSEOUT RADIOLOGICAL SURVEY PLAN COMMENTS

This memo is in response to your e-mail comments dated 6/19/98 on Rev. 1 of the Closeout Radiological Survey Plan. I have attached a copy of your comments with responses inserted after each comment. Also included for your review, are Bob Bistline's comments on the Closeout Radiological Survey Plan again with responses inserted after each comment.

The Closeout Radiological Survey Plan is presently being circulated for signature and should be approved within the next few days. As soon as it is approved, distribution of the document will occur.

If you have any questions, or care to discuss this further, please call me at extension 2863 at your convenience.

mg

cc:  
w/2 attachments

R. W. Bistline, DOE  
S. K. Crowe, K-H  
T. G. Hedahl, K-H  
M. E. Hickman, RMRS  
K. K. Korenko, SSOC  
A. Parker, K-H  
D. Parsons, DOE  
K. D. Trice, RMRS  
J. W. Whiting, K-H  
file



AR  
ADMIN RECORD

Author: Kevin Daniels at INDIA18  
Date: 6/19/98 9:28 AM  
Priority: Normal  
TO: Mike Grube at Mail23  
CC: Steve Crowe at Mail2  
CC: Tim Hedahl at Mail7  
CC: Alan Parker at Mail3  
CC: Duane Parsons at RFFO  
Subject: 779 Final survey plan

----- Message Contents -----

Mike

The main comment I have is exactly the same as Parsons' comment about lessons learned from B123. The lessons learned session came up with broader problems, but you need to look at the comments that were used to generate these problems in order to get the type of detail you need. Many of Duane's other comments are also related to lessons learned issues from 123. I had similar comments to Duane's, but will not rewrite them. I would like to see how you have addressed each of his comments.

**Response:**

Will incorporate lessons learned from B123. Will cc you when I respond to Duane's comments.

I provided a copy of the draft plan to Bob Bistline at DOE also because he has a lot of historical site knowledge. I have not heard back from him, but will give you input if necessary when I do.

**Response:**

Will address Bob's comments and provide the response to you and to Bob.

1. On 123 the plan for taking solid samples was not well spelled out and justified. Although it may be hard to specify the details of the solid sampling plan up front, it should be included in the survey package for each area. Basically, what I would expect for each area to be surveyed, would be a prepared package for radiological ops to execute that had survey maps and specific locations for all surveys required in the area.

**Response:**

Formal written instructions and maps will be provided to the person obtaining the solid media/paint samples for B779.

2. Some problems were encountered because the grids in 123 were square yards vs square meters. To better match with automated survey systems (such a shonka) square meters should be required.

**Response:**

All grids will be delineated in square meters not yards.

3. Required MDA's and criteria to be used for no-rad-added should be clearly identified in the survey plan. Additionally, when using labs the MDA required as well as any other information needed should be formally communicated to the lab. Some of the problems encountered in 123 were the inability to get the weight of paint samples from the labs and an MDA that was greater than the no-rad-added value being used for release.

**Response:**

Will incorporate required MDAs for solid samples in the CRSP. Will provide information for MDA requirements in the sampling instructions for solid samples

4. The characterization survey should be comprehensive enough to validate your determination that release surveys should be alpha only.

**Response:**

Will perform beta characterization surveys in Class 1 areas after strip-out to put the potential beta contamination issue to rest.

You may want to prepare a draft final survey package (what you would hand to Rad Ops) for one room so that comments on the format and plans can be obtained early on in the process.

**Response:**

Will prepare a typical survey package and circulate for comments in the near future.

Kevin

United States Government

Department of Energy

Rocky Flats Field Office

# memorandum

DATE: 06/15/1998

REPLY TO:

ATTN OF: Robert W. Bistline, DOE RFFO/SPD

SUBJECT: Comments on Closeout Radiological Survey Plan (CRSP) For The 779 Cluster

TO: Kevin Daniels

Provided are some comments on the CRSP for the 779 Cluster that you asked me to look at.

- The numbering system for 5.1.3 does not appear consistent. It goes from 5.1.3.1 to 5.1.3.4.

**Response:**

Fixed the numbering in the CRSP.

- Last paragraph of 5.1.3.1. This statement would be better understood if there was an explanation of what the limits are for alpha and beta and why this statement is true.

**Response:**

Added further explanation in CRSP.

- 5.1.3.4
  - Process knowledge from 39 processes as reported by the Waste Stream and Residue Identification and Characterization (WSRIC) book ??? Provided what information???

**Response:**

Added further explanation in CRSP.

- A thorough review of the source registry ??? Resulted in what???

**Response:**

Added further explanation in CRSP.

- Interviews with long-term building personnel with first hand knowledge of processes ??? Provided what information???

**Response:**

Added further explanation in CRSP.

- Make sure you look at the spectrum of alpha energies, because I know that some of those guys were looking at or considering elements such as Cf. I think it was Cf-252 at one time, and there may have been others. I recall some discussions of Bk, etc., however I don't know if trace quantities of these were ever brought in. I do know that traces of Cf were on site because I was provided a plancheted source for calibration at the lung counter in case of an incident, and, R&D people of 779 were involved. However, I can't say with 100% certainty that it was used in 779, or, what lab it may have been used in.

**Response:**

Will evaluate other potential alpha energies from different nuclides to ensure alpha monitoring instrumentation is adequate.