



Colorado Department
of Public Health
and Environment



April 10, 2001

Mr. Joseph A Legare
Assistant Manager for Environment and Infrastructure
U.S. Department of Energy, Rocky Flats Field Office
10808 Highway 93, Unit A
Golden, CO 80403-8200

RE: Decontamination and Decommissioning Characterization Protocol (DDCP), the Pre-Demolition Survey Plan (PDSP), and the Reconnaissance Level Characterization Plan (RLCP) – Approval/Concurrence

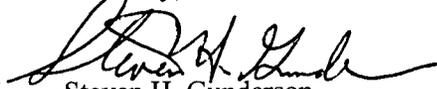
Dear Mr. Legare:

The Colorado Department of Public Health and Environment and the Environmental Protection Agency have reviewed the DDCP, PDSP, and RLCP as provided on March 27, 2001. These documents are all indicated to be Revision 3 and dated April 23, 2001.

We are hereby approving or concurring with the DDCP, RLCP, and the PDSP as appropriate. This approval is contingent on DOE adhering to its commitment to conduct independent verification of pre-demolition surveys, as described in its letter to the regulators dated February 9, 2001 (copy attached).

If you have any questions regarding this correspondence please contact Steve at (303) 692-3367 or Tim at (303) 312-6293.

Sincerely,


Steven H. Gunderson
CDPHE


Timothy Rehder
EPA

cc: Fred Gerdeman, FC, RFFO
David Shelton, KH
Jeff Stevens, KH
Steve Tarlton, CDPHE
Administrative Records, Building 850

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ADMIN RECORD

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General D&D
DoE/KH Correspondence
Department of Energy

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Mr. Steven H. Gunderson
Rocky Flats Cleanup Agreement Project Coordinator
Colorado Department of Public Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80222-1530

Mr. Timothy Rehder
U.S. Environmental Protection Agency
Region VIII
Attn: Rocky Flats Project Manager 8EPR-FT
999 18th Street, Suite 500, 8WM-C
Denver, Colorado 80202-2405

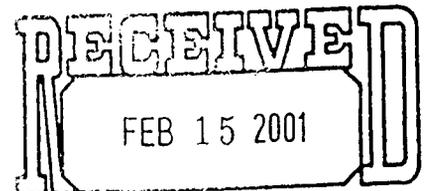
Dear Gentlemen:

This letter responds to requests from the Colorado Department of Public Health and Environment (CDPHE) and the U. S. Environmental Protection Agency (EPA) for the Rocky Flats Field Office (RFFO) to conduct independent verification (IV) of pre-demolition surveys.

We anticipate performing IVs on approximately 20 to 35 facilities. The final number will be determined based on the results of the data quality objective (DQO) process which will be used for developing a sitewide IV plan. The following summarizes the RFFO plan for conducting IVs.

- Facilities currently listed in the *Decommissioning Program Plan* as expected to be Type 3: 771/774, 776/777, 707, 559, and 371/374
- Type 2 facilities, consistent with the aforementioned DQOs (we anticipate this will encompass ten to twenty Type 2 facilities)
- Type 1 facilities, again consistent with the aforementioned DQOs (we anticipate this will encompass five to ten Type 1 facilities)

Our intent is to develop a single, sitewide IV plan. The enclosed table documents how the IVs fit into the overall characterization and monitoring program. The sitewide IV plan will be developed using the DQO process to ensure the plan is comprehensive, cost effective, and facilitates using a graded approach. The sitewide IV plan format will follow a tiered approach similar to that used for the *Pre-demolition Survey Plan*. The consultative process will be used in developing the sitewide IV plan DQOs.



HAZARDOUS MATERIALS
AND WASTE MANAGEMENT

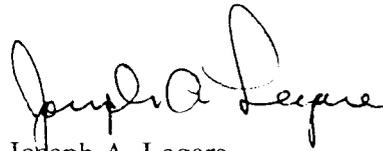
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Mr. Steven H. Gunderson
Mr. Timothy Rehder
01-DOE-00119

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FEB 09 2001

We look forward to working with you in developing the sitewide IV plan. Please let us know who your point of contact will be. If you have any questions, please call me at (303) 966-5918 or Fred Gerdeman at (303) 966-6203.



Joseph A. Legare
Assistant Manager
for Environment and Infrastructure

Enclosure

cc w/ Enc.:

B. Mazurowski, OOM, RFFO
P. Golan, OOM, RFFO
H. Dalton, AMFD, RFFO
G. Doyle, AMEI, RFFO
F. Gerdeman, FC, RFFO
R. McCallister, AI, RFFO
R. DiSalvo, OCC, RFFO
W. Prymak, ESD, RFFO
J. Rampe, DAMEI, RFFO
D. Shelton, K-H
L. Brooks, K-H
T. Scott, K-H
J. Stevens, K-H
J. Corsi, K-H
CERCLA Administrative Record Coordinator, K-H

Characterization or Monitoring Activity	Selected Drivers	Scope/Purpose	LRA Action¹
Historical Release Report	<i>Rocky Flats Cleanup Agreement</i>	<ul style="list-style-type: none"> • Identification of historical releases of hazardous substances 	<ul style="list-style-type: none"> • Annual review and approval
Scoping Characterization	<i>Decommissioning Program Plan, The D&D Characterization Protocol</i>	<ul style="list-style-type: none"> • Initial decommissioning assessment of hazardous substance and radiological contamination and physical hazards • Used during each project's scoping meeting with the LRA 	<ul style="list-style-type: none"> • <i>The D&D Characterization Protocol</i> has been developed with EPA and CDPHE input
Reconnaissance level characterization	<i>Reconnaissance Level Characterization Plan</i>	<ul style="list-style-type: none"> • Preliminary identification of the type of contamination or safety hazard • Building typing 	<ul style="list-style-type: none"> • Concurrence with each reconnaissance level characterization report • The plan requires CDPHE and EPA concurrence
In-process characterization	Site procedures that implement Integrated Safety Management and IWCP	<ul style="list-style-type: none"> • Hazards that could impact worker health and safety • Detect hazardous substance releases • Property and waste categorization • Determines that decision document clean up goals were met • Iwcp INCLUDES Environmental Management System (EMS) 	<ul style="list-style-type: none"> • IWCPs and surveys are available for review
Pre-demolition survey	<i>Pre-demolition Survey Plan</i> (plan requires approval by CDPHE)	<ul style="list-style-type: none"> • Confirms decision document clean up goals were met 	<ul style="list-style-type: none"> • Review (approves if required by RFCA decision document)
Independent verification (for selected facilities)	<i>Sitewide Independent Verification Plan</i>	<ul style="list-style-type: none"> • Confirms the pre-demolition survey adequately confirmed that the clean up goals were met 	<ul style="list-style-type: none"> • Available for review • Plan will be drafted with EPA, CDPHE and stakeholder input
Ongoing environmental monitoring during decommissioning activities	<i>Integrated Monitoring Plan</i>	<ul style="list-style-type: none"> • Detect hazardous substance releases 	<ul style="list-style-type: none"> • Review
Monitoring during demolition	<i>Integrated Monitoring Plan</i>	<ul style="list-style-type: none"> • Detect hazardous substance releases 	<ul style="list-style-type: none"> • Review
Post-demolition monitoring	<i>Integrated Monitoring Plan</i>	<ul style="list-style-type: none"> • Detect hazardous substance releases 	<ul style="list-style-type: none"> • Review
Post-demolition survey (if needed)	<i>Decommissioning Program Plan</i>	<ul style="list-style-type: none"> • Conducted if a specific need is identified to ensure that the PDSP (and IV, if conducted) were adequate and accurate 	<ul style="list-style-type: none"> • Input into plan • Review

¹ Ongoing actions such as oversight and enforcement are not shown.

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