

CORRES. CONTROL  
OUTGOING LTR. NO.

DOE ORDER # 4700.1

**03-RF-01099**



DIST.	LTR	ENC
DIETER, T.		
FERRERA, D.W.		
FERRI, M.S.		
LINDSAY, D.		
LYLE, J.		
MARTINEZ, L.A.		
PARKER, A.		
POWERS, K.		
SHELTON, D.C.		
SPEARS, M.S.		
TRICE, K.D.		
TUOR, N. R.		

July 23, 2003

03-RF-01099

AGUILAR, P.		
ALBIN, C.		
AUBLE, M.		
BEAN, C.		
BUTLER, J. L.		
CERCLA AR (T130G)	X	X
DECK, C.		
FRANCIS, M.	X	X
FREIBOTH, C.		
GEIS, A.		
GIBBS, F.	X	
HUMSTON, T.		
KNAPP, S.		
MYERS, K.	X	X
NESTA, S.	X	X
NININGER, R.		
OLIVER, R.		
OMAN, K.		
PLAPPERT, R.		
PRIMROSE, A.		
ROSENMAN, A.		
SNYDER, D.P.	X	
THOMPSON, J.		
WIEMELT, K.	X	X

Joseph A. Legare  
Assistant Manager for  
Environment and Stewardship  
DOE, RFFO

**RSOP FOR COMPONENT REMOVAL ACTIVITIES NOTIFICATION LETTER FOR THE  
B991 TUNNEL INCLUDING VAULTS 996, 997, AND 999 – FEG-020-03**

Attached is a draft transmittal letter to the Colorado Department of Public Health and Environment for the RSOP notification for the 991 Tunnel, including vaults 996, 997, and 999.

The draft transmittal letter has been prepared from DOE RFCA coordinator to CDPHE RFCA coordinator.

Please contact Steve NESTA x6386 with questions or concerns.

*Frank E. Gibbs*

Frank E. Gibbs  
Deputy Project Manager  
Remediation, Industrial D&D, and Site Services

CORRES. CONTROL	X	X
ADMIN RECRD/T130G		
TRAFFIC		
PATS/T130		

Attachments:

As Stated

MF:pvt

Orig. and 1 cc – Joseph A. Legare

cc: Steve Tower

CLASSIFICATION:		
UCNI		
UNCLASSIFIED		
CONFIDENTIAL		
SECRET		

AUTHORIZED CLASSIFIER		
SIGNATURE:		
DOCUMENT CLASSIFICATION		
REVIEW WAIVER PER		
CLASSIFY. TION OFFICE		
IN REPLY TO RFP CC NO.:		

ACTION ITEM STATUS:		
<input type="checkbox"/> PARTIAL/OPEN		
<input type="checkbox"/> CLOSED		
LTR APPROVALS:		

ORIG. & TYPIST INITIALS:		
MA:pvt		



ADMIN RECORD

Steven H. Gunderson  
Colorado Department of Health and Environment  
4300 Cherry Creek Drive South  
Denver, CO 80222-1530

**RSOP FOR COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION  
ACTIVITIES NOTIFICATION LETTER FOR THE B991 TUNNEL INCLUDING VAULTS 996,  
997, AND 999**

**Mr. Gunderson:**

In accordance with the Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) for Component Removal, Size Reduction, and Decontamination Activities, this letter and its attachments is notification for RSOP implementation. This notification is for all activities required to bring Building 991 Tunnel and Vaults 996, 997 & 999 to the unrestricted release criteria. This will involve component removal and size reduction activities utilizing the methods specified in the RSOP.

Once the pre-demolition survey is complete, and the facility meets the unrestricted release criteria, an additional notification letter will be prepared to implement the RSOP for Facility Disposition.

Kaiser-Hill or a decommissioning subcontractor will conduct this work. If Kaiser-Hill or the subcontractor would like to use a method or process not included in the RSOP, then they are required to notify Kaiser-Hill or DOE. If Kaiser-Hill or the subcontractor proposes to use alternate methods, an additional notification will be made and, in consultation with DOE/LRA, the RFCA process for decision document modification will be used.

The appropriate checklists and information required by the RSOP are attached to this letter and should provide the necessary information. This work will be conducted in accordance with the work control documentation prepared by Kaiser-Hill or the subcontractor. The exact methods and process selected by Kaiser-Hill or the subcontractor and progress of the activities will be communicated to DOE/LRA through the consultative process, particularly the weekly RISS area managers' meetings.

As indicated in the RSOP, the LRA has 14 days to review the RSOP notification letter and provide feedback, including a definitive reason for not proceeding with the project. If no feedback is received within 14 days, the project will proceed as planned.

If you have any questions regarding this, please contact Steve Tower at (303) 966-2133.

Joseph A. Legare  
U.S. Department of Energy

**RSOP for Component Removal, Size Reduction, and Decontamination Activities Checklist**

<b>Project scope:</b> Building 991 Tunnel component removal		
<b>Facility description:</b> Building 991 Tunnel, including vaults 996, 997, and 999		
<b>Description of planned activity(ies):</b> Remove utility lines, including ventilation duct		
<b>Facility/rooms/sets/areas involved:</b> Building 991 Tunnel, including vaults 996, 997, and 999		
<b>Is RCRA unit closure(s) part of the planned activity?</b>		<b>Yes</b>
<b>If RCRA units are included, attach unit specific information sheets and drawings</b>		<input checked="" type="checkbox"/> <b>No</b>
<b>Attach checklists from Appendix A of the RSOP.</b>		<input checked="" type="checkbox"/> <b>Component Removal/Size Reduction</b>
		<input type="checkbox"/> <b>Decontamination</b>
<b>RLCR Status</b>	<input checked="" type="checkbox"/>	<b>RLCR complete and concurrence received: 03/21/03</b>
	<input type="checkbox"/>	<b>RLCR initiated but incomplete; concurrence anticipated:</b>
	<input type="checkbox"/>	<b>RLC has not been initiated<sup>1</sup> and is scheduled for initiation on:</b>
<b>If RLCR is not complete or initiated, what data will be used to plan the work activities?</b>		
<b>Activity requires modification to the ARARs listed in the RSOP.</b>		<input type="checkbox"/> <b>Yes, attach to letter</b>
		<input checked="" type="checkbox"/> <b>No</b>
<b>Attach Administrative Record file requirements for the activity.</b>		
<b>Point of contact for each facility/activity:</b> Karen Wiemelt – (303) 966-9883		
<b>Duration of work activities:</b> 1 month <b>Anticipated work start:</b> 08/04/03		
<b>Attach schedule for each facility or activity for information purposes.</b>		
<b>Does the activity involve removing contaminated portions of the building shell.</b>		<input type="checkbox"/> <b>Yes, LRA consultation and concurrence required</b>
		<input checked="" type="checkbox"/> <b>No</b>

<sup>1</sup> Evaluate using DPP, Sections 1.1.4 and 1.1.5 and the consultative process to implement activities

**RSOP for Component Removal, Size Reduction, and Decontamination Activities Checklist**

Are there deviations/exceptions to the RSOP for the proposed activity(ies)?										<input type="checkbox"/>	Yes
										<input checked="" type="checkbox"/>	No
Provide an explanation of deviation/exception to the RSOP: Not applicable											
C. Check the appropriate resulting action box below											
Additional RFCA decision document required (PAM – IM/IRA)											
Major modification to RSOP						Field change to RSOP					
Minor modification to RSOP						LRA consultation					
Activity(ies) will result in the following waste types										<input type="checkbox"/>	Process waste
										<input checked="" type="checkbox"/>	Remediation waste
<input type="checkbox"/>	TRU	<input type="checkbox"/>	LLW	<input type="checkbox"/>	LLMW	<input type="checkbox"/>	Haz.	<input checked="" type="checkbox"/>	Sanitary	<input checked="" type="checkbox"/>	Other: recyclable/re-use
LRA Notification Review Time					<input checked="" type="checkbox"/>	14 days, no RCRA unit closure involved					
						30 days, RCRA unit closure involved					

**FACILITY COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION  
 ACTIVITY CHECKLIST**

**Building:** Building 991 Tunnel

**Closure Project Manager:** Karen Wiemelt

**COMPONENT REMOVAL/SIZE REDUCTION**

Component Type	
Gloveboxes	
Tanks and ancillary equipment (located both inside and outside the facility)	
Fume hoods	
Ventilation/filtration systems (both inside and outside the facility)	✓
Utilities and other equipment (both inside and outside the facility; including electrical, steam, and fire suppression systems)	✓
Walls	
Floors	
Ceilings	
Roofs	
Other structural members	
Other*	

Removal/Size Reduction Technique	
Small tools	✓
Paving breaker, jackhammer and/or similar tools used to break up concrete	
Excavators, such as backhoes, to excavate underground components, such as tanks and ancillary equipment	
Hoists and cranes	
Plasma arc cutter	
Diamond wire saw	
Wachs cutter	
Laser cutter	
Oxy-torch cutter	
Hydraulic shears	
Shear baler	
Water cutter using abrasives	
Arc air slice	
Arbor press	
Non-explosive cracking agent	
Other *	

\* Describe "Other" Component Type(s) and/or Removal/Size Reduction Technique(s):  
 \_\_\_\_\_  
 \_\_\_\_\_

**Administrative Record Requirements for this Activity**

- Final Rocky Flats Cleanup Agreement (RFCA)
- RFETS Decommissioning Program Plan (DPP)
- RFCA Standard Operating Protocol for Component Removal, Size Reduction, and Decontamination Activities
- Reconnaissance Level Characterization Report for Group Area 2 Group 2 Facilities
- Notification Letter and subsequent CDPHE correspondence, if appropriate

**Schedule of Activities  
996 Tunnel  
Building 991**

- |  |   |
|--|---|
| 1. Lower asbestos Line to allow safe removal of duct | Start August 6, 03<br>Finish August 7, 03         |
| 2. Remove ducts and conduit                          | Start August 11, 03<br>Finish September 4, 03     |
| 3. Asbestos abatement on insulated water line        | Start September 8, 03<br>Finish September 16, 03  |
| 4. Asbestos clearance                                | Start September 17, 03<br>Finish September 18, 03 |