

RECEIVED

Revised 11/01

CORRES. CONTROL
INCOMING LTR NO.



Department of Energy DEC 20 P 1:58

ROCKY FLATS FIELD OFFICE
10808 HIGHWAY 93, UNIT A
GOLDEN, COLORADO 80403-8200
CORRESPONDENCE CONTROL

00821 RFO L

DUE DATE
ACTION

DEC 20 2001

01-DOE-02287

DIST.	LTR	ENC
BOGENBERGER, V.		
BOGNAR, E.		
BRALSFORD, M.D.		
BURNS, T. F.		
DECK, C. A.	X	X
DEGENHART, K.		
DIETERLE, S. E.		
FERRERA, D.W.		
FERRI, M.S.		
GERMAIN, A. L.		
GIACOMINI, J.		
HALL, L.		
ISOM, J. H.		
MARTINEZ, L.A.	X	X
NORTH, K.		
PARKER, A.M.	X	X
POWERS, K.		
RAAZ, R. D.		
RODGERS, A. D.		
SCOTT, G.K.	X	X
SHELTON, D.C.	X	X
SPEARS, M.S.		
TRICE, K.D.		
TUOR, N.B.	X	X
VOORHEIS, G.M.		
WILLIAMS, J. L.		
GIBBS, F.	X	X
DARR, K.	X	X
FOSS, D.	X	X
BROOKS, L.	X	X

Mr. Steven H. Gunderson
RFCA Coordinator
Colorado Department of Public Health and Environment (CDPHE)
4300 Cherry Creek Drive South
Denver, CO 80222-1530

Dear Mr. Gunderson:

Please find enclosed a completed Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) for Component Removal notification form for buildings 883 and 879 component removal.

In accordance with the Component Removal RSOP, this memorandum and its enclosure are notification for RSOP implementation. This notification is for all activities required to bring buildings 883 and 879 to the unrestricted release criteria with the exception of RCRA unit closure for which a separate RSOP notification will occur. RSOP work under this notification will involve component removal, size reduction, and decontamination activities utilizing the methods specified in the RSOP. A decommissioning strategy for building 883 was included in the Remediation, Industrial Decontamination and Decommissioning, and Site Services (RISS) Project Management Plan (PMP), and this strategy included building 879. Once the technical approach is received from the selected subcontractor, it will be compared to this strategy; a scoping meeting will be held with CDPHE to discuss the differences between the original strategy and the subcontractor's strategy.

Open or active RCRA units associated with these facilities will be closed in accordance with the RSOP, but notification requirements will be addressed under a separate notification. Once the pre-demolition is complete and the facility meets the unrestricted release criteria, an additional notification letter will be prepared to implement the RSOP for Facility Disposition.

The requirements, methods, controls and processes outlined in the RSOP have been included in the scope of work for the contract. If the subcontractor would like to use a method or process not included in the RSOP then the subcontractor is required to notify the prime contractor and an additional RSOP notification will be initiated and decision document modification pursued.

The subcontractor will conduct work in accordance with his work control documentation. The exact methods and process selection will be communicated with CDPHE through an active consultation process including monthly RISS Production Meetings and weekly south side meetings. The building shell, including the floor, will not be breached during component removal activities.

COB CONTROL	X	X
ADMIN RECORD	X	X
PATS/130		

Reviewed for Addressee
Corres. Control RFP

12/20/01
Date *by*

Ref. Ltr. #

DOE ORDER #
NONE



DOCUMENT CLASSIFICATION
REVIEW WAIVER PER
CLASSIFICATION OFFICE

ADMIN RECORD
B883-A-000014

1/10

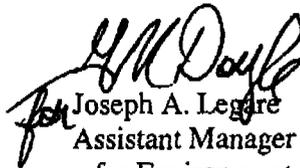
Steven H. Gunderson
01-DOE-02287

2

DEC 20 2001

As indicated in the RSOP, the Lead Regulatory Agency 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 that period, the project will proceed as planned.

Questions can be directed to Steve Tower, RFFO, AMP at (303) 966-2133.


for Joseph A. Legare
Assistant Manager
for Environment and Stewardship

Enclosure

cc w/o Encl:

Tim Rehder, EPA Region VIII

F. Gibbs, K-H, RISS

K. Dorr, K-H, RISS, D&D

D. Foss, K-H, RISS, D&D

cc w/ Encl:

Building 850 Administrative Record

2

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

Project scope: Buildings 883 and 879 component removal, size reduction, and decontamination	
Facility description: Building 883, Uranium Rolling and Forming Facility Building 879, Filter Plenum B883 Zone 1	
Description of planned activity(ies): The decontamination, size reduction, and component removal required bringing Buildings 883 and 879 to the unrestricted release criteria.	
Facility/rooms/sets/areas involved: Building 883, Sets 1 and 2 and Area AA-AK Building 879, Area AL	
Is RCRA unit closure(s) part of the planned activity?	
If RCRA units are included, attach unit specific information sheets and drawings	
*RCRA Unit closure information will be addressed under a separate notification letter	
Attach checklists from Appendix A of the RSOP.	
<i>Complete checklists by room/set/area/facility, as appropriate</i>	
<input checked="" type="checkbox"/>	Component Removal/Size Reduction
<input checked="" type="checkbox"/>	Decontamination
RLCR Status	RLCR complete and concurrence received:
<input checked="" type="checkbox"/>	RLCR initiated but incomplete; concurrence anticipated: Submitted to CDPHE 11/27/01
	RLC has not been initiated ¹ and is scheduled for initiation on:
If RLCR is not complete or initiated, what data will be used to plan the work activities?	
Activity requires modification to the ARARs listed in the RSOP.	Yes, attach to letter
	<input checked="" type="checkbox"/> No
Attach Administrative Record file requirements for the activity.	
Point of contact for each facility/activity: Kent Dorr, 303-966-6034	
Duration of work activities: 12 months	Anticipated work start: January 1, 2002
Attach schedule for each facility or activity for information purposes.	
Does the activity involve removing contaminated portions of the building shell? Include a description of the activity, contamination levels and controls	
	Yes, LRA consultation and concurrence required
<input checked="" type="checkbox"/>	No

¹ 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)?		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		
<input type="checkbox"/> Additional RFCA decision document required (PAM – IM/IRA)		
<input type="checkbox"/> Major modification to RSOP	<input type="checkbox"/> Field change to RSOP	
<input type="checkbox"/> Minor modification to RSOP	<input type="checkbox"/> 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 checked="" 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
		<input type="checkbox"/> 30 days, RCRA unit closure involved

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

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

Building: 883

Closure Project Manager: Kent Dorr

COMPONENT REMOVAL/SIZE REDUCTION

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*	

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):

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

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

DECONTAMINATION

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*	

Wiping/scrubbing/washing with water or detergents	✓
Vacuuming	✓
Strippable Coating	✓
Grinding	✓
Scarifying	✓
Scabbling	✓
Paving breaker/chipping hammer	✓
Spalling	✓
Abrasive/grit blasting	✓
CO ₂ blasting	
Hydrolasing	✓
Strong mineral acids	
Organic or weak acids	
Additional oxidants, such as cerium and other similar metals	
Other *	

* Describe "Other" Component(s) and/or Decontamination Technique(s):

Note: In the event a planned activity falls outside the scope of this RSOP, the closure project manager will consult with DOE and the LRA to determine whether this RSOP should be modified to include the activity, or whether a separate decision document should be written.

Prepared by: 

Date: 12/3/01

6

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

Building: 879

Closure Project Manager: Kent Dorr

COMPONENT REMOVAL/SIZE REDUCTION

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*	

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):

1

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

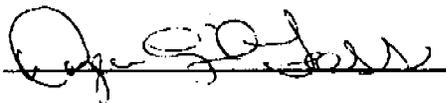
DECONTAMINATION

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*	

Wiping/scrubbing/washing with water or detergents	✓
Vacuuuming	✓
Strippable Coating	✓
Grinding	✓
Scarifying	✓
Scabbling	✓
Paving breaker/chipping hammer	✓
Spalling	✓
Abrasive/grit blasting	✓
CO ₂ blasting	
Hydrolasing	✓
Strong mineral acids	
Organic or weak acids	
Additional oxidants, such as cerium and other similar metals	
Other *	

* Describe "Other" Component(s) and/or Decontamination Technique(s):

Note: In the event a planned activity falls outside the scope of this RSOP, the closure project manager will consult with DOE and the LRA to determine whether this RSOP should be modified to include the activity, or whether a separate decision document should be written.

Prepared by: 

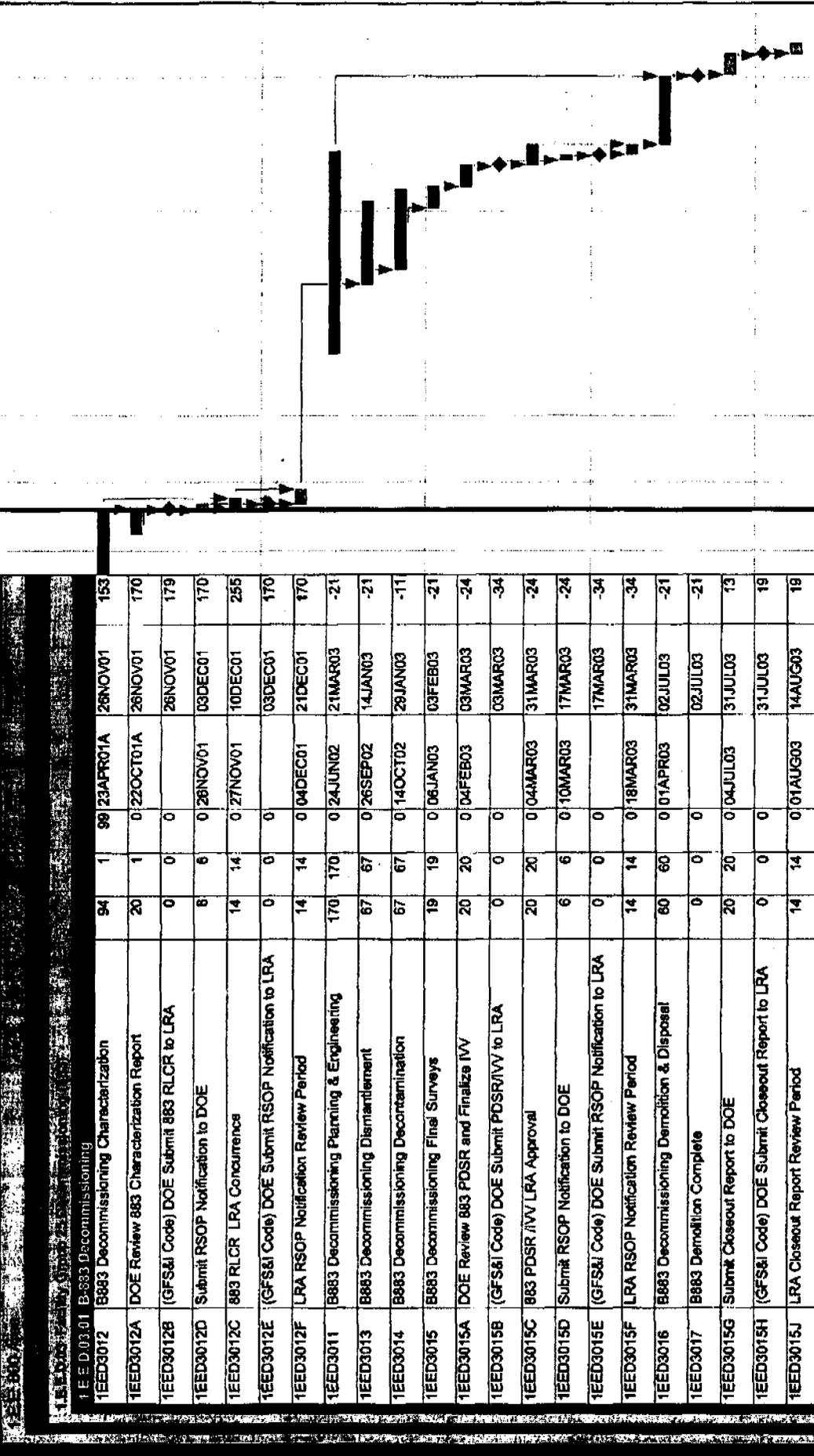
Date: 12/3/01

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 883 Cluster Closure Project
- Building 883 Closure Project Scoping Meeting Minutes/Disposition
- Notification Letter and subsequent CDPHE correspondence, if appropriate

1 Rocky Flats Closure Project

1.E Industrial and Site Services Project



Activity ID	Activity Description	Orig. Plan	%	Early Start	Early Finish	Total Float
1EED0301	B-883 Decommissioning					
1EED03012	B883 Decommissioning Characterization	94	1	99 23APR01A	26NOV01	153
1EED03012A	DOE Review 883 Characterization Report	20	1	0 22OCT01A	26NOV01	170
1EED03012B	(GFS&I Code) DOE Submit 883 RLCR to LRA	0	0		26NOV01	179
1EED03012D	Submit RSOP Notification to DOE	8	6	0 26NOV01	03DEC01	170
1EED03012C	883 RLCR LRA Concurrence	14	14	0 27NOV01	10DEC01	255
1EED03012E	(GFS&I Code) DOE Submit RSOP Notification to LRA	0	0		03DEC01	170
1EED03012F	LRA RSOP Notification Review Period	14	14	0 04DEC01	21DEC01	170
1EED03011	B883 Decommissioning Planning & Engineering	170	170	0 24JUN02	21MAR03	-21
1EED03013	B883 Decommissioning Dismantlement	67	67	0 26SEP02	14JAN03	-21
1EED03014	B883 Decommissioning Decontamination	67	67	0 14OCT02	28JAN03	-11
1EED03015	B883 Decommissioning Final Surveys	19	19	0 06JAN03	03FEB03	-21
1EED03015A	DOE Review 883 PDSR and Finalize IVV	20	20	0 04FEB03	03MAR03	-24
1EED03015B	(GFS&I Code) DOE Submit PDSR/IVV to LRA	0	0		03MAR03	-34
1EED03015C	883 PDSR /IVV LRA Approval	20	20	0 04MAR03	31MAR03	-24
1EED03015D	Submit RSOP Notification to DOE	6	6	0 10MAR03	17MAR03	-24
1EED03015E	(GFS&I Code) DOE Submit RSOP Notification to LRA	0	0		17MAR03	-34
1EED03015F	LRA RSOP Notification Review Period	14	14	0 18MAR03	31MAR03	-34
1EED03016	B883 Decommissioning Demolition & Disposal	60	60	0 01APR03	02JUL03	-21
1EED03017	B883 Demolition Complete	0	0		02JUL03	-21
1EED03015G	Submit Closeout Report to DOE	20	20	0 04JUL03	31JUL03	13
1EED03015H	(GFS&I Code) DOE Submit Closeout Report to LRA	0	0		31JUL03	19
1EED03015J	LRA Closeout Report Review Period	14	14	0 01AUG03	14AUG03	19

Start Date: 01FEB99
 Finish Date: 15DEC05
 Data Date: 26NOV01
 Print Date: 03DEC01 13:02

CPBA - RBSS

KAISER-HILL COMPANY
 Facility Group 25 (883)
 Demolition Schedule

Sheet 1 of 1

10/10