

CORRES. CONTROL
OUTGOING LTR. NO.

DOE ORDER # 4700.1

04-RF-00857



| DIST. | LTR | ENC |
|----------------|-----|-----|
| DIETER, T.J. | | |
| FERRERA, D.W. | X | |
| LINDSAY, D.C. | | |
| LONG, J. | | |
| LYLE, J.L. | | |
| MARTINEZ, L.A. | | |
| PIZZUTO, V.M. | | |
| SHELTON, D.C. | | |
| SPEARS, M.S. | | |
| TUOR, N.R. | | |

| | | |
|-----------------|---|---|
| BEAN, C. | | |
| BUTLER, J.L. | | |
| DECK, C. | | |
| FRANCIS, M. | X | X |
| FREIBOTH, C. | | |
| GEIS, A. | | |
| GIBBS, F. | X | |
| HUMISTON, T. | | |
| HUNTER, D. | | |
| KNAPP, S. | | |
| LINSIBIGLER, H. | | |
| MARSCHALL, J.R. | | |
| MYERS, K. | | |
| NESTA, S. | X | X |
| O'BRIEN, J.J. | | |
| OMAN, K. | | |
| PLAPPERT, R. | | |
| PRIMROSE, A. | | |
| RICHARDELLA, R. | | |
| ROSENMAN, A. | | |
| SNYDER, D.P. | | |
| SWARTZ, J.M. | | |
| WIEMELT, K. | X | X |
| SELAN, J. | | |
| SILLS, S. | | |

| | | |
|-------------------|---|---|
| CORRES. CONTROL | X | X |
| ADMIN RECRD/T130G | X | X |
| TRAFFIC | | |
| PATS/130 | | |

| | | |
|-------------------|---|---|
| CORRES. CONTROL | X | X |
| ADMIN RECRD/T130G | X | X |
| TRAFFIC | | |
| PATS/130 | | |

| CLASSIFICATION: | |
|-----------------|--|
| UCNI | |
| UNCLASSIFIED | |
| CONFIDENTIAL | |
| SECRET | |

AUTHORIZED CLASSIFIER
SIGNATURE:

Date:
IN REPLY TO RFP CC NO.:

ACTION ITEM STATUS:
 PARTIAL/OPEN
 CLOSED
LTR APPROVALS:

ORIG. & TYPIST INITIALS:
SMN:pvt

RF-46469(Rev. 9/94)

August 18, 2004

04-RF-00857

Gary Morgan, Functional Lead
Cadre Project Management Division
DOE, RFPO

RSOP FOR FACILITY DISPOSITION NOTIFICATION LETTER FOR BUILDING 705
FEG-024-04

Attached is a draft transmittal letter to the Colorado Department of Public Health and Environment for the RSOP notification for Building 705 facility disposition. The draft transmittal letter has been prepared from DOE building point of contact to CDPHE building point of contact; however, it could also be addressed from DOE RFCA coordinator to CDPHE RFCA coordinator.

Please contact Steve Nesta X6386 with questions or concerns.

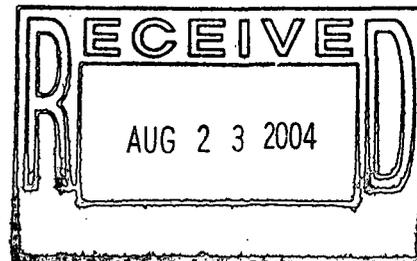
Dennis Jensen

Frank E. Gibbs
Deputy Project Manager

Attachment:
As Stated

Org. and 1 cc - Gary Morgan

cc:
Joe Legare



1/8

ADMIN RECORD

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

RSOP FOR FACILITY DISPOSITION NOTIFICATION LETTER FOR BUILDING 705

Mr. Kruchek:

In accordance with the Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) for Facility Disposition, this letter and its attachments is notification for RSOP implementation. This notification is for all activities required to demolish and disposition Building 705.

The Reconnaissance Level Characterization Report for Building 705 was submitted to CDPHE, and received official concurrence on 07/17/03. Building 705 has been determined to be a Type 2 facility due to widespread Be contamination. A fixative has been applied to the Be remaining in the building to reduce the Be-potential for release during demolition. Building demolition debris will meet the unrestricted release criteria and will be disposed as non-beryllium, non-routine sanitary waste.

This work will be conducted by Kaiser-Hill Company, L.L.C (K-H). The requirements, methods, controls, and processes outlined in the RSOP will be followed. This work will be conducted in accordance with the work control documentation prepared by K-H and its subcontractor. The exact methods and process and progress of the activities will be communicated to DOE/LRA through the consultative process. A schedule for this work is attached.

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 me at (303) 966-2133.

Gary Morgan
U.S. Department of Energy

DESCRIPTION OF PLANNED ACTIVITIES

Facility Description and Scope of Demolition

Building 705 was constructed in 1966 and functioned as the R&D ceramics laboratory and the coatings laboratory. Building 705 was a 3700 sq. ft, single-story structure with a high bay laboratory area. The building was constructed with concrete block walls, a poured in place concrete slab floor and a metal roof with built-up roofing. Two additions were constructed - in 1969 the measurement room (Room 103) south of the original structure, and in 1975, the two story mechanical room east of the original structure. In 1991 the sanitary floor drains in the laboratory areas were grouted.

Building 705 was serviced by the following utilities: electric, plant sanitary, plant water, and plant steam. Fire protection was provided by overhead sprinkler system and wall mounted fire extinguishers. The building originally had hydrogen, helium, and nitrogen and oxygen gas supplied by tanks located on the exterior of the south side of the building. These tanks have been removed.

Demolition of the structure will be executed by heavy equipment. The demolition equipment will begin on the east side of the building and proceed westward. A potential beryllium (Be) release exists during demolition that has been addressed by use of a fixative. However, all building debris, including the slab, will be managed as non-routine sanitary waste and disposed at an RFETS approved landfill (Front Range or BFI - Commerce City).

Reconnaissance Level Characterization Report (RLCR)

During the RLC, surveys identified beryllium (Be) contamination throughout the facility. The Be contaminated areas have been decontaminated and/or removed under implementation of the Facility Component Removal, Size Reduction, and Decontamination Activities RSOP. A Pre-Demolition Survey report (PDSR) has been prepared that verifies the effectiveness of the decontamination process and establishes the building as being ready for demolition. The PDSR is being submitted concurrently with this RSOP notification.

Project-specific Administrative Record File Index

Attached

Deviations or Exceptions to the to the RSOP

None

Level One Schedule for Project Implementation

Attached

Point of Contact

The principle point of contact for this project is Karen Wiemelt, (303) 966-9883.

**ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY**

There are 13 records in this set and a total of 72 pages.

| <u>Doc. No. / Date</u> | <u>Routine</u> | <u>Internal Code</u> | <u>Title / Subject</u> |
|--|--|--|---|
| B705 A 000001 08/14/2001 1 Pages PUBLIC | YES, ROUTINE <u>Author(s)</u> GUTHRIE, C. "VERN" | N/A <u>Recipient(s)</u> KRUCHEK, DAVID | Purpose of Contact: Discusses the tour of Building 705 and the clean out preparation for characterization and closing the facility. |
| B705 A 000002 05/01/2003 1 Pages PUBLIC | YES, ROUTINE <u>Author(s)</u> DISALVO, RICHARD | 03-DOE-00490; 00431-RF-03 <u>Recipient(s)</u> GUNDERSON, STEVE | Forwards the attached [000003] Reconnaissance Level Characterization Report (RLCR) for Building 705, Revision 0 dated April 23, 2003 Type 2 facility for concurrence. |
| B705 A 000003 04/23/2003 49 Pages PUBLIC | YES, ROUTINE <u>Author(s)</u> NOT INDICATED | Ref: 03-RF-00660; DWF-030-03; 00677-RF-03 <u>Recipient(s)</u> DISTRIBUTION | Reconnaissance Level Characterization Report (RLCR) Building 705, Revision 0 April 23, 2003. [Type 2] |
| B705 A 000004 04/24/2003 1 Pages PUBLIC | YES, ROUTINE <u>Author(s)</u> FERRERA, DENNIS W. | 03-RF-00660; DWF-030-03 <u>Recipient(s)</u> TOWER, STEVE | Submits the attached [000003] Reconnaissance Level Characterization Report (RLCR) for Building 705, Revision 0 dated April 23, 2003 for approval. |
| B705 A 000005 07/17/2003 1 Pages PUBLIC | YES, ROUTINE <u>Author(s)</u> GUNDERSON, STEVE | 00677-RF-03 <u>Recipient(s)</u> LEGARE, JOSEPH A. | The Colorado Department of Public Health and Environment (CDPHE) concurs with the Reconnaissance Level Characterization Report (RLCR) Type 2 designation for Building 705, Revision 0 dated April 23, 2003. |

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
 CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY

There are 13 records in this set and a total of 72 pages.

| <u>Doc. No. / Date</u> | <u>Routine</u> | <u>Internal Code</u> | <u>Title / Subject</u> |
|--|--|--|---|
| B705 A 000006 12/09/2003 13 Pages PUBLIC | YES, ROUTINE <u>Author(s)</u> LEGARE, JOSEPH A. | 03-DOE-01621; 01095-RF-03 <u>Recipient(s)</u> GUNDERSON, STEVE | In accordance with the Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) for Component Removal, Size Reduction (SR) and Decontamination Activities, this letter and its enclosure are notification for RSOP implementation. This notification is for component removal in Building 705. The work that will be undertaken under this notification is disconnection, packaging, and decontamination of equipment within building 705. |
| B705 A 000007 12/17/2003 1 Pages PUBLIC | YES, ROUTINE <u>Author(s)</u> GUNDERSON, STEVE | 01120-RF-03 <u>Recipient(s)</u> LEGARE, JOSEPH A. | The Colorado Department of Public Health and Environment (CDPHE), Hazardous Material (HM) and Waste Management (WM) Division has received December 9, 2003 letter notifying of the intent to utilize the Component Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) for disconnection, packaging, removal, and decontamination of equipment and building surface within B705. D US Department of Energy (DOE) is hereby concurring that this activity may proceed utilizing the Component RSOP. |
| IA A 000819 08/14/2001 1 Pages PUBLIC | YES, ROUTINE N/A <u>Author(s)</u> KRUCHEK, DAVID | <u>Recipient(s)</u> GUTHRIE, C. "VERN" | Regulatory Contact Record: Documents discussions during tour of Building 705, August 16, 2001. This facility contains areas where Beryllium (Be) is present. The task is to clean out the building in preparation for characterization and closing the facility. |
| IA A 000873 12/18/2001 4 Pages PUBLIC | YES, ROUTINE <u>Author(s)</u> LEGARE, JOSEPH A. | 01-DOE-02244; 00815-RF-01 <u>Recipient(s)</u> GUNDERSON, STEVE | Forwards the attached list of activities that are currently planned under the Decommissioning Program Plan (DPP) for Fiscal Year 2002 (FY02). |

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
 CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY

There are 13 records in this set and a total of 72 pages.

| Doc. No. / Date | Routine | Internal Code | Title / Subject |
|--|--|--|--|
| <p><u>IA</u> <u>A</u> <u>INFO</u> 01/01/1992 0 Pages PUBLIC</p> | <p>YES, ROUTINE <u>Author(s)</u> NOT INDICATED</p> | <p>N/A; SW-A-000189 <u>Recipient(s)</u> FILE</p> | <p>Information Only Entry: Historical Release Report (HRR) for the Rocky Flats Plant (RFP); January, 1992 - The 700 Area is located in the north-central portion of the RFP. The more important buildings and features in this area are as follows: Building 701 was originally a carpentry and paint shop. Currently, this building is used for research and development of new waste treatment systems. Building 705 was placed into service in 1966, and was originally used for ceramics research and development. Currently, this building is a research and development laboratory for vapor metal disposition. Building 707 was placed into service in 1970, and is the main Plutonium (Pu) component production facility at he RFP. Building 750 mixed hazardous storage area was established in the mid-1980s. Building 771 was place into service in 1953, and was the original Pu component production facility at the RFP. Building 774 (1953) is used for the treatment of high-level radioactive aqueous wastes, waste oils and non-radioactive waste photographic solutions. B776 (1957) was used as a Pu foundry. B777 (1957) was used for production of Pu components. B778 (1957) houses the plant's laundry facility for non-radioactive clothing along with personnel locker rooms and maintenance shops. B779 (1969) houses minor production and Pu recovery operations, but is primarily a research and development facility. B788 is a Pondcrete processing, repackaging, and reprocessing plant. There are numerous other buildings located in the 700 Area. These are primarily support buildings such as cooling towers, emergency generator buildings, compressor buildings, and filter plenum buildings.</p> |

**ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY**

There are 13 records in this set and a total of 72 pages.

| <u>Doc. No. / Date</u> | <u>Routine</u> | <u>Internal Code</u> | <u>Title / Subject</u> |
|---|---|--|--|
| <u>IA A INFO</u> 02/04/2002 0 Pages PRELIM | <u>Author(s)</u> DELLAGUARDIA, GARY | N/A <u>Recipient(s)</u> NOTE TO FILE | Note to File: Property Id. 705 - Coating Lab RISS D&D 705, RISS Area: 2; Group-1, Cluster: N/A Facility Grouping No.: FGN-12, Facility Area: 1-3-5-9, Facility Type 2 |
| <u>IA A INFO</u> 02/04/2002 0 Pages PRELIM | <u>Author(s)</u> DELLAGUARDIA, GARY | N/A <u>Recipient(s)</u> NOTE TO FILE | Note to File: Property Id. Tank 205 - Nitrogen Storage Tank (northwest of 705)??? RISS D&D Tank 205, RISS Area: N/A; Group-N/A, Cluster: N/A Facility Grouping No.: FGN-17, Facility Area: 1-3-5-9, Facility Type N/A |
| <u>IA A INFO</u> 04/01/2003 0 Pages PUBLIC | YES, ROUTINE <u>Author(s)</u> NOT INDICATED | IA-A-001533 <u>Recipient(s)</u> DISTRIBUTION | Information Only Entry: Reconnaissance Level Characterization Report (RLCR) for Building 705, April 23, 2003; Historical Site Assessment (HSA) Report, April 2003 - Building 705 is the old R&D ceramics laboratory and coating laboratory constructed in 1966. The ceramic R&D laboratory shaped, formed and heated experimental ceramic parts. The coating R&D laboratory experimented with vapor metal deposition coatings. Building 705 was also used to train site personnel to use the waste stabilization treatment process. This was a training activity, which utilized clean gloveboxes, and did not involve any radiological or hazardous material. Operation in 705 stopped in 1998 and is currently being prepared for D&D. This facility is not associated with any IHSSs, PACs, and UBCs. |

| Activity ID | Activity Description | % Comp | Orig Dur | Rem Dur | Current Early Start | Current Early Finish | FY04 | | | | | | | | FY05 | | | | |
|---------------------------|-------------------------------|--------|----------|---------|---------------------|----------------------|------|----|----|----|-----|----|----|----|------|----|----|----|--|
| | | | | | | | AUG | | | | SEP | | | | OCT | | | | |
| | | | | | | | 9 | 16 | 23 | 30 | 6 | 13 | 20 | 27 | 4 | 11 | 18 | 25 | |
| Demolition Crew | | | | | | | | | | | | | | | | | | | |
| 705 - Coatings Lab | | | | | | | | | | | | | | | | | | | |
| 1EFD4595 | B705 RTW Demolition / Loadout | 0 | 0 | 0 | 23AUG04* | | | | | | | | | | | | | | |
| 1EFD4127 | B705 Demolition | 0 | 12 | 12 | 30AUG04 | 20SEP04 | | | | | | | | | | | | | |
| 1EFD4137 | B705 Load Out | 0 | 5 | 5 | 21SEP04 | 28SEP04 | | | | | | | | | | | | | |

Start Date 01FEB99
 Finish Date 18JUL06
 Data Date 17AUG04
 Run Date 18AUG04 10:33

PODC
 RISS
 Building 705 Demo Schedule
 August 18th

Sheet 1 of 1

8-2