

**ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
REGULATORY CONTACT RECORD**

Date/Time: 02/12/03 - 1345

Site Contact(s): C. J. Freiboth (KH) – (CJF-062)
Phone: (303) 966-2823

Regulatory Contact: David Kruchek, CDPHE
Phone: (303) 692-3328

Agency: CDPHE

Purpose of Contact: State (CDPHE) concurrence on completing asbestos abatement activities in Building 441 prior to State concurrence with the Pre-Demolition Survey (PDS) / Reconnaissance Level Characterization (RLC) Report

Meeting Attendance

C. J. Freiboth, KH PM Davis Kruchek, CDPHE

Discussion

On February 4, 2003, at 0855, a telephone conversation was held with the State (Kruchek) related to protecting the two portions of the Building 441 slab that have identified fixed radiological contamination. The cover needs to be protective enough to prevent gauging of the area during facility demolition and secured in a manner to prevent removal during waste loadout activities.

On February 10, 2003, at 0640, a telephone conversation was held with the State (Kruchek) related to the Pre-Demolition Survey Report (PDSR). The State (Kruchek) had some specific questions related to the PDSR, which are summarized as below:

- (1) **Request:** Needs chemical data for all sample coring conducted in Building 441 - specifically, Metals, VOC's, and SVOC's.

Response: The requested information was provided data to the State (Kruchek) on February 10, 2003, at 1500.

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DOCUMENT CLASSIFICATION
REVIEW WAIVER PER
CLASSIFICATION OFFICE
CEX-105-01



ADMIN RECORD
IA-A-001275

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- (2) **Question:** Were there any beryllium swipes conducted in the overheads?

Response: A meeting was held with Duane Parsons, C. J. Freiboth, and the State (Kruchek) on February 10, 2003, at 1500 in T124A. Based on the information presented at this meeting, it was agreed that the overhead area of Building 441 is sufficiently characterized from a beryllium perspective.

- (3) **Question:** Are there any potentials for the contamination in the slab (radiological) becoming airborne? Should the removal of the contaminated portion of the slab and the drains and piping be conducted while the structure is still in place?

Response: This question was addressed during a later contact.

- (4) What are the concerns with leaving the asbestos residual on the slab?

Response: No concerns from an asbestos containing material perspective.

- (5) What are the PDS requirements for leaving asbestos on the slab. See SOP – Facility Disposition requirements.

Response: This question was addressed during a later contact.

- (6) What are the controls that will be in place during the demolition of the facility to specifically address the “what if” if one of the plugs that are in the floor drains comes loose or are damaged during the removal of the upper structure.

Response: This question was addressed during a later contact.

On February 10, 2003, at 0955, a meeting was held in T124A with the State (Kruchek), Tom Lindsey, James Hindman. During the meeting, it was determined that:

- (1) Before asbestos abatement can occur in Building 441, a resolution needs to be made regarding the numbers of beryllium samples taken in the overheads (resolved).
- (2) Before asbestos abatement can occur in Building 441, a resolution needs to be made regarding the residual asbestos that has been identified in two of the building locations. Specifically, in Room 126 (Orange Tile – Chrysotile @ 10%) and Room 143 (Black Mastic – Chrysotile @ 10%).
 - What are the plans for remediation or protection of the residual asbestos
- (3) Additional conversations related to addressing the entire process waste system in the building need to be resolved. What are the specific plans for handling the drains (both process and sanitary)

(4) Additionally, a decision needs to be made relative to how the western part of the slab needs to be handled. In addition, a plan for the removal of the UST's needs to be identified and discussed.

On February 12, 2003, at 0810, the State (Kruchek) was informed of the desire to remove the security screen covers on the exterior of the Building 441 windows to facilitate the taping of the windows in support of window removal. The State (Kruchek) concurred with this evolution with the stipulation that the removal could not impact the integrity of the facility structure from a containment perspective. If removal of the screens did create a situation where the interior of the building would be exposed to the elements, the opening must be secured.

On February 12, 2003, at 1330, during the joint DOE/State/KH Area 3 meeting, the following information was provided and discussed with the State (Kruchek):

- (1) Environmental Restoration (Primrose) presented their general strategy for their work associated with the slab removal, soil remediation, and tank removal.
- (2) A copy of the Building 441 demolition work control document and project health and safety plan was provided. Particular areas in the work document were discussed which answered previous questions that had been asked by the State (Kruchek).
 - (a) Page 17, 4.15 – Exposure Monitoring/Medical Surveillance
 - (b) Page 23, 4.37 – Radiological Controls – identifies and discusses fixed radiological contamination
 - (c) Page 24, 4.41 – Asbestos Controls – identifies and discusses the residual mastic and floor tile that remains in the facility
 - (d) Page 30, JHA 3.8 Hazard and Controls for the radiological and asbestos contaminants, and floor drains.
 - (e) Appendix F – 2 - Prerequisites
 - (f) Appendix F – 3. (a) Note related to floor drain plugs.

On February 12, 2003, at 1345, based on the information discussed associated with Building 441, the State (Kruchek) authorized the completion of asbestos abatement activities associated with Building 441 prior to final concurrence with the PDSR previously submitted.

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