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COMPANY

INTEROFFICE MEMORANDUM

DATE: February 21, 2005

TO: Harry Linsinbigler, Deputy Project Manager, RISS Construction

FROM: 
David Del Vecchio, Project Manager, B707/776/777, T707D, X3697

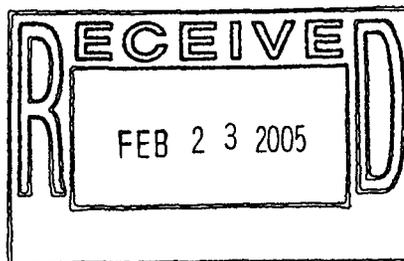
SUBJECT: PROJECT TRANSITION AND TURNOVER OF 776/777 CLOSURE
PROJECT FACILITIES FOR DEMOLITION - DCD-030-05

Building 776/777 is ready for transition and turnover to the Remediation, Industrial D&D, and Site Services (RISS) organization for demolition. Building condition and readiness for demolition will be addressed via the standard "Transition Document" currently being prepared.

This memorandum is being provided to capture the agreements between the 776/777 Closure Project and the Colorado Department of Public Health and Environment (CDPHE). Listed below is a summary of the Contact Record details that outline specific actions required during the demolition of the 776/777 facilities. As the demolition manager, it is your responsibility to ensure that these agreements are complied with during demolition. We must also ensure that the demolition work is performed in accordance with the Building 776/777 Decommissioning Operations Plan.

All 776/777 Closure Project contact records have been provided to the RISS organization and are summarized as follows:

- Survey Unit Disposition Contact Records – Numerous contact records were prepared to document the ALARA decontamination process and CDPHE concurrence for individual survey units. Several of these contact records indicate that there are areas within specific survey units that require special controls during demolition. A complete list of these areas is provided below, although it is recognized that some of these areas will be addressed (i.e. demolished) prior to initiating exterior building demolition. The areas include the following:
 - The Advanced Size Reduction Facility (the structure itself and the floor underneath)
 - The north wall in survey unit 16
 - The south wall in survey unit 19 (identified with orange paint)
 - The mezzanine floor and ceiling, and the "super dry facility" in survey unit 40



ADMIN RECORD

B776-A-000238

- The stairs leading to the first floor, marked Room 217, in survey unit 32
- Top of the South wall in Room 134
- Floor of survey unit 43
- The seam between the wall and slab for the wall between survey unit 8 and survey units 9 and 11
- The stairs leading to the second floor from survey unit 8 (room 136)
- All of survey unit 6
- Portions of plenum 250 in survey unit 38

In addition to the areas listed above, several locations were identified after the final survey package and contact record for the survey unit was completed. These areas have been marked within the building and also require special controls during demolition if not addressed prior to initiating exterior demolition. A map has been prepared that shows the areas of concern and is included in the demolition work package. Specifically, the areas identified after the contact records were prepared include the following:

- Several localized areas in survey unit 15
- The top of the south wall in survey unit 13
- The stairs (room 140) in survey unit 29
- The stairs (room 136) in survey unit 8
- The SRV wall and ceiling in survey unit 5 (other side of stair wall in survey unit 6)
- A spot on the ceiling in survey unit 4
- Tops of columns in survey units 9 and 11

The controls for these areas are specified in the demolition work package and may include any combination of the following:

- Areas will be painted orange, or some other bright color, to make the area readily identifiable during demolition. Metal components in areas painted blue will be managed as SCO II waste
- If structurally feasible, up to 50% of the walls will be removed while the building structure is still intact.
- A spray header will be used to wet the internals of the concrete block prior to demolition of the wall.
- Special briefings will be held with equipment operators and dust control and waste crews prior to initiating demolition of these areas.
- Measures will be taken to minimize the stockpiling of the debris associated with this activity.

To improve dust control, several of these areas and other non-structural walls within the building may be demolished prior to initiating exterior demolition. The debris from this activity will be stockpiled within the building in the general area of the interior demolition activity. Encapsulant will be sprayed on the debris piles, as

necessary, and the piles will be removed when the exterior demolition progresses to that location of the building.

Other miscellaneous Contact Record commitments are as follows:

- January 7, 2004, Lead collar in the wall of Room 443 of Building 777 – In Room 443 of Building 777, there is a 6,000 pound lead collar in the wall shared with Room 430. This collar poses no hazard in the wall, but lead is considered a hazardous substance. The lead collar has been painted with a fluorescent paint and the words "lead collar" written on the adjacent portion of the wall. The collar shall be removed during demolition and dispositioned as low level mixed waste.
- November 24, 2004, Clarification of Building 776/777 Survey and Demolition Sequence This contact record addressed additional removal activities that were conducted in several survey units after the final surveys were completed. The commitment was made that removal efforts would be conducted in containments, as necessary, to minimize the potential for spreading contamination and fixative would be reapplied to the affected areas, as necessary, to address any removable contamination created during the removal effort.
- January 20, 2005, Disposition of Area VI Survey Unit 2 - There is a concrete chase under room 158. The soil in this chase requires remediation for both radiological contamination and asbestos. The concrete over the chase has been painted orange to mark the area and ensure that the slab is not broken up until Environmental Remediation is ready to remove the soil. This area has also been annotated on building maps and will be discussed during the appropriate demolition pre-evolution briefings to ensure that the area is not disturbed.

Once the 776/777 Project obtains CDPHE concurrence on the 776/777 Pre-Demolition Survey Summary Report (PDSR), demolition may begin.

DCD/plh

cc:

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