TASKS TO COMPLETE B/020 D&D

1. R/A DRAIN SYSTEM (10020): 173DWP000025
   1.1 Remove Service Gallery Header under Cell & Decon 4.
   1.2 Complete removal of R/A drain pipe in basement ceiling for Cell 4 and Decon 4 drain, and Cell 4 North Door drain.
   1.3 Remove R/A drain pipe from basement to R/A Liquid Holdup Tank.
   1.4 Clean basement and load out waste.

2. HOT CELL/DECON ROOM 1 (10018): 173DWP000034, -0010, -0011
   2.1 Install plate over trench for forklift access and move in forklift.
       Note: Requires fabrication of metal ramp.
   2.2 Remove core drilled vertical storage tube.
   2.3 Remove south exhaust air duct in Hot Cell.
   2.4 Remove conduit and piping penetrations from floor and walls.
   2.5 Vacuum, smear, survey and remove floor hot spots.
   2.6 Install plates over floor trenches and openings and tape joints with metal tape.
   2.7 Core drill above lead lined Cell to Decon Room storage drawer wall penetration.
   2.8 Jackhammer above storage drawer wall penetration and above gear box frame areas.
   2.9 Move in small forklift for lead removal.
   2.10 Remove lead from storage drawer penetration and gear box frame areas.
   2.11 Move in manlift.
   2.12 Trim steel from Hot Cell walls where RA contaminated.
   2.13 Remove Decon Room plaster where RA contaminated.
   2.14 Remove RA contaminated conduits in Cell and Decon Room walls and
ceilings.

2.15 Remove RA contaminated concrete from around steel billets.
2.16 Survey and scabble contaminated areas in walls and ceilings.
2.17 Remove RA contaminated concrete from around slave ports in Decon Room west wall.
2.18 Remove RA contaminated concrete from around Decon Room steel door jams.
2.19 Remove RA contaminated concrete from around steel Decon Room window frame and plug-sleeve housing in west wall.
2.20 Remove RA contaminated concrete from around steel Cell window frames and plug-sleeve housing in Hot Cell east wall.
2.21 Remove RA contaminated concrete from around steel I-beams in west wall of Decon Room.
2.22 Vacuum ceiling, walls and floor.
2.23 Remove active air supply line.
2.24 Remove active electrical conduit.
2.25 Remove manlift and small forklift.
2.26 Remove floor plates.
2.27 Vacuum floor.
2.28 Survey and vacuum scabble floor.
2.29 Perform final cleanup.

3. HOT CELL/DECON ROOM 2 (10018): 173DWP000034, -0010, -0011

3.1 Install trench plate for forklift access.
3.2 Move in forklift.
3.3 Remove core drilled vertical storage tube.
3.4 Remove conduit and piping penetrations from walls and floor.
3.5 Vacuum, smear, survey and remove floor hot spots.
3.6 Install plates over floor trenches and openings and tape joints with
metal tape.

3.7 Core drill above lead lined Cell to Decon Room pass-through.

3.8 Jackhammer above pass-through and above gear box areas.

3.9 Move in forklift for lead removal.

3.10 Remove lead from pass-through and gear box areas.

3.11 Move in manlift.

3.12 Remove RA contaminated conduits in Cell and Decon Room ceilings.

3.13 Remove RA contaminated concrete from around steel billets.

3.14 Survey and scabble contaminated areas in walls.

3.15 Remove RA contaminated concrete from around slave ports in Decon Room west wall.

3.16 Remove RA contaminated concrete from around Decon Room steel door jams.

3.17 Remove RA contaminated concrete from around steel Decon Room window and plug-sleeve housing in west wall.

3.18 Remove RA contaminated concrete from around steel I-beams in west wall of Decon Room.

3.19 Remove RA contaminated concrete from around steel window frames and plug-sleeve housing in east wall of Hot Cell.

3.20 Vacuum ceiling, walls and floor.

3.21 Remove active air supply line.

3.22 Remove active electrical conduit.

3.23 Remove manlift and small forklift.

3.24 Remove floor plates.

3.25 Vacuum floor.

3.26 Survey and vacuum scabble floor.

3.27 Remove D&D equipment and perform final RA cleanup.
4. **HOT CELL/DECON ROOM 3 (10018): 173DWP000034, -0010, -0011**

4.1 Install plates for forklift access.

4.2 Move in forklift.

4.3 Remove core drilled vertical storage tube.

4.4 Remove north exhaust air duct in Hot Cell.

4.5 Remove conduits and piping penetrations from walls and floor.

4.6 Vacuum, smear, survey and remove floor hot spots.

4.7 Install plates over floor trenches and openings and tape joints with metal tape.

4.8 Core drill above lead lined Cell to Decon Room pass-through.

4.9 Jackhammer above pass-through and above gear box areas.

4.10 Move in small forklift for lead removal.

4.11 Remove lead from pass-through and gear box areas.

4.12 Move in manlift.

4.13 Remove RA contaminated areas in Decon Room plaster.

4.14 Remove RA contaminated conduit in Cell and Decon Room ceilings.

4.15 Remove RA contaminated concrete from around steel billets.

4.16 Survey and scabble contaminated areas in walls and ceilings.

4.17 Remove RA contaminated concrete from around slave ports in Decon Room west wall.

4.18 Remove RA contaminated concrete from around Decon Room steel door jams.

4.19 Remove RA contaminated concrete from around steel Decon Room window frames and plug-sleeve housing in west wall.

4.20 Remove RA contaminated concrete from around steel Cell window frames and plug-sleeve housing in east wall of Hot Cell.

4.21 Remove RA contaminated concrete from around steel I-beams in west wall of Decon Room.

4.22 Vacuum ceiling, walls and floor.
TASKS TO COMPLETE B/020 D&D

4.23 Remove manlift and small forklift.
4.24 Remove floor plates.
4.25 Vacuum floor.
4.26 Survey and vacuum scable floor if required.
4.27 Remove active air supply line.
4.28 Remove active electrical conduit.
4.29 Remove D&D equipment and perform final RA cleanup.

5. HOT CELL/DECON ROOM 4 (10018): 173DWP000034, -0010, -0011

5.1 Install plate of trench for forklift access and move in forklift.
5.2 Remove core drilled vertical storage tube.
5.3 Remove north exhaust duct in Hot Cell.
5.4 Remove conduit and piping penetrations from floor.
5.5 Vacuum, smear, survey and remove floor hot spots.
5.6 Install plates over floor trenches and openings and tape joints with metal tape.
5.7 Core drill above lead lined Cell to Decon Room pass-through.
5.8 Jackhammer above pass-through and above gear box areas.
5.9 Move in small forklift for lead removal.
5.10 Remove lead from pass-thought and gear box areas.
5.11 Move in manlift.
5.12 Trim steel from cell walls where RA contaminated.
5.13 Remove Decon Room plaster where RA contaminated.
5.14 Remove RA contaminated conduit in Cell and Decon Room ceilings.
5.15 Remove RA contaminated concrete from around steel billets.
5.16 Survey and scable contaminated areas in walls and ceilings.
5.17 Remove RA contaminated concrete from around slave ports in Decon Room.
tasks to complete b/020 d&d

December 22, 1993

west wall.

5.18 Remove RA contaminated concrete from around Decon Room steel door jams.

5.19 Remove RA contaminated concrete from around steel Decon Room window and plug-sleeve housing in west wall.

5.20 Remove RA contaminated concrete from around steel Hot Cell window frames and plug-sleeve housings (2) in east wall.

5.21 Remove RA contaminated concrete from around steel I-beams in west wall of Decon Room.

5.22 Vacuum ceiling, walls and floor.

5.23 Remove active water line, air supply line and electrical conduit.

5.24 Remove floor plates.

5.25 Vacuum floor.

5.26 Survey and vacuum scabble floor.

5.27 Remove D&D equipment and perform final RA cleanup.

6. RA DRAIN TANK (10020): 173DWP000015

6.1 Inspect drain tank with video camera.

6.2 Remove RA debris.

6.3 Remove water in tank.

6.4 Remove Building 468 roof.

6.5 Remove tank and package.

Note: Requires special shipping container if tank is not downsized.

6.6 Decon Building 468.

7. SERVICE GALLERY AND HALL (10009): 173DWP000010

7.1 D&D walls and ceiling.

7.2 Remove linoleum floor.
7.3 Decon concrete after asbestos removal.

8. **REMOVE ASBESTOS FLOOR TILE (50005): 173DWP000010**
   8.1 Service gallery.
   8.2 Operating gallery.
   8.3 Change room.
   8.4 Mockup area.

9. **BUILDING EXHAUST (10019): 173DWP000011**
   9.1 Remove exhaust duct floor penetrations in Cell 4.
   9.2 Remove south exhaust duct floor penetration in Cell 1.
   9.3 Remove north exhaust duct floor penetration in Cell 3.
   9.4 Remove exhaust duct and floor penetration from Decon 1.
   9.5 Remove exhaust duct and floor penetration from Decon 2.
   9.6 Remove exhaust duct and floor penetration from Decon 3.
   9.7 Remove exhaust duct and floor penetration from Decon 4.
   
   **Note:** Above items cannot be started until Cells and Decon Rooms D&D is complete.

   9.8 Remove main exhaust duct system down to dampers.
   9.9 Remove general exhaust system duct.
   
   **Note:** Above item cannot be started until Service Gallery D&D is complete.

   9.10 Remove and size reduce blowers.
   9.11 Remove and size reduce exhaust stack.

10. **HOT CELL OUTER STEEL LINER REMOVAL (10030): 173DWP000007**
    10.1 Remove steel liner hot spots from front (east) face of the Hot Cells.
    10.2 Survey and decon front face of Hot Cells wall as required.
11. SERVICE GALLERY DRAINS (10010): 173DWP000025

11.1 Remove Service Gallery drains.
11.2 Remove drain line from Hot Chem Lab (Room 141).

12. OPERATING GALLERY AND MOCKUP AREA (10012): 173DWP000010, -0025

12.1 Decon Hot Cell wall in operating gallery.
12.2 Decon Hot Cell wall trench and conduit trenches in operating gallery.
12.3 Remove R/A contaminated wiring and conduit in operating gallery.
12.4 Survey operating gallery drain and remove if required.
12.5 Survey and remove crane, General Mills and support structure in Mockup area.
12.6 Complete decon around Cell 4 north door in mockup area and remove contaminated soil from trench.
12.7 Remove asbestos floor tiles in mockup area.
   Note: Possible R/A contamination around cask rails and thorium in SE corner of mockup area.
12.8 Disconnect electrical and remove operating panels.

13. BASEMENT (10015): 173DWP000018, -0025

13.1 Remove all R/A contaminated conduits.
13.2 Modify existing roof opening for crane access.
13.3 Remove sump pumps and piping.
13.4 Decon floor drains sumps.
13.5 Decon walls, ceiling, floor and conduit tunnel up to Operating Gallery.
13.6 Remove basement drain system.
13.7 Survey and remove as required conduit in floor.
13.8 Decon basement hallway.

14. ATTIC (10008): 173DWP000003
14.1 Complete decon of attic over Decon Rooms 1, 2, 3 & 4.
14.2 Survey attic over office areas and change room and D&D as required.

15. HOT STORAGE AND AIR LOCK ROOMS 153 AND 155 (10007): 173DWP000010
15.1 Survey and decon as required.

16. ROOMS 133, 135 AND 137 (10014): 173DWP000009
16.1 Survey and decon as required.

17. ROOMS 139, 141 AND SLAVE (10016): 173DWP000010
17.1 Remove R/A contaminated conduit and wire.
17.2 Survey and decon as required.

18. ROOF (10017): 173DWP000033
18.1 Sample roof for R/A and asbestos.
18.2 Remove R/A contamination as required.
18.3 Remove asbestos as required.
   Note: May require removal of A/C and heating system.

19. YARD, DOCK AND ASPHALT (10006): 173DWP000017, -0010
19.1 Survey and decon dock and concrete pad as required.
19.2 Sample and decon asphalt as required.
19.3 Sample and decon yard as required.
TASKS TO COMPLETE B/020 D&D

December 22, 1993

20. CHANGE ROOM AND OFFICE AREAS (10011): 173DWP000010, -CO25

20.1 Remove R/A contaminated floor tile in change room.
20.2 D&D change room.
20.3 Remove support drain in change room.
   Note: Requires asbestos floor tile removal around floor drain penetration.
20.4 Sample and remove as required sanitary drain in change room.
20.5 Sample and remove asbestos floor tile in office areas.
20.6 Survey office areas and D&D as required.

21. RMDF OPERATIONS (10004): 1730P000007, 173DWP000010, -0020

21.1 Verify/modify boxes for shipment.
21.2 Repackage TRU waste.
21.3 Support survey of boxes.
21.4 Load boxes onto transport vehicles.
21.5 D&D Decon Rooms concrete shield doors.
21.6 D&D five Cell cast iron shield doors.
21.7 Package non-surplus equipment, General Mills, Kollmorgen, Crane, storage drawers, transfer drawers, storage and transfer drawer shield doors, etc.
21.8 Process/ship mixed waste - electropolish.
21.9 Ship RA asbestos.

22. SURPLUS EQUIPMENT (10023): 173DWP000010

22.1 Support survey of equipment.
22.2 Segregate equipment.
22.3 Package/palletize equipment.

22.4 Decon and/or package white forklift, yellow forklift, manlifts and Takeuchi.

22.5 Decon and/or package all R/A contaminated tools and support equipment.

23. MISCELLANEOUS ITEMS (10023): 173DWP000010

23.1 D&D drop air sample vacuum system.

23.2 D&D breathing air system.

23.3 D&D plant air system.

23.5 Deactivate all alarm systems and remove sensors.

24. FACILITY DEMOLITION (70000): 173DWP000021

24.1 Support R/A survey during facility demolition.