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Building T130C
Rocky Flats Environmental Technology Site

RESPONSE TO INFORMATION REQUESTED ON B889 DEMO - PRB-074-96

Action: NONE - Information Only.

PURPOSE

The purpose of this correspondence is in respond to your request for information on the B889 demolition methodologies and processes.

DISCUSSION

The attached provides information for the sequence for demolition of the original section of B889 and Room 112.

RESPONSE REQUIREMENTS

If you need any additional information, please contact Gary Guinn at X8043 or D4629.

Paul R. Bengel, Vice President
Engineering/Construction/&Decommissioning

GDG:slc

Attachments: (2)
As Stated

ADMIN RECORD

IA -A-00021

TASK-000012
AUTHORIZATION- 951728
DEMOLITION OF ORIGINAL B889

- All requirements of original demolition plan will be followed.
- Set up temporary power and lights for B889.
- Lock out - tagout electrical power and water supplies to the building and isolate the supplies to the building.
- Demolition of the building structure will not start until the asbestos containing materials are removed from the roof and Room 104.
- Remove light fixtures and dispose of per plant procedures for bulbs and ballasts. Remainder is scrap.
- Remove piping, conduit, and wiring. Dispose as scrap.
- Remove fire alarm panel and turn over the P.U.&D.
- Remove MCC and electrical panels and turn over to P.U.&D.
- Remove air handling units and dispose of as scrap.
- Remove exhaust stack on west side of building. Dispose of as scrap.
- Remove exhaust fan on west side of building and turn over to P.U.&D.
- Remove electrical transformers and turn over to P.U.&D.
- Remove vacuum pump and air compressor and turn over to P.U.&D.
- Set up a fire hose from the fire hydrant east of Building 889 to the west side of the building. The building will be continuously wet down during demolition to minimize release of dust.
- Using a large hydraulic excavator, start at the north-west corner of the building and pull down the building working back and forth in a 90° radius.
- After the building is pulled down, load out rubble for shipment to the land fill and place metal into scrap dumpster.

TASK-000012
AUTHORIZATION- 951728
DEMOLITION OF ORIGINAL B889
ROOM 112 STRUCTURE AND COMPONENTS

- All requirements of original demolition plan will be followed.
- Demolition will proceed only after asbestos containing roofing materials are removed.
- Place scrap metal in dumpsters for off site disposal and all other materials will be sent to the onsite land fill.
- Verify that all electricity, mechanical and communications are disconnected and isolated from Room 112.
- Install temporary cable restraints from the top columns 3A to the bottom of column 2A and from the top of column 3C to the bottom of column 2C.
- Using a excavator with hydraulic shear, remove framing, roof, conduit pipe and duct between column 1 and 2 from north to south side of Room 112.
- Remove the roof frame, conduit, pipe, duct and exhaust stack between column 2 and 3 and A and C.
- Remove plenums from mezzanine.
- Remove mezzanine and plenum under mezzanine.
- Remove girts on south wall between column 2 and 3.
- Remove girts on north wall between column 2 and 3.
- Cut east wall girts on south side of column 3B.
- Pull down east wall, between column B and C, to the west.
- Remove column 2C.
- Pull down east wall, between column A and B, to the west.
- Remove column 2A.
- Remove frame along column line 1.