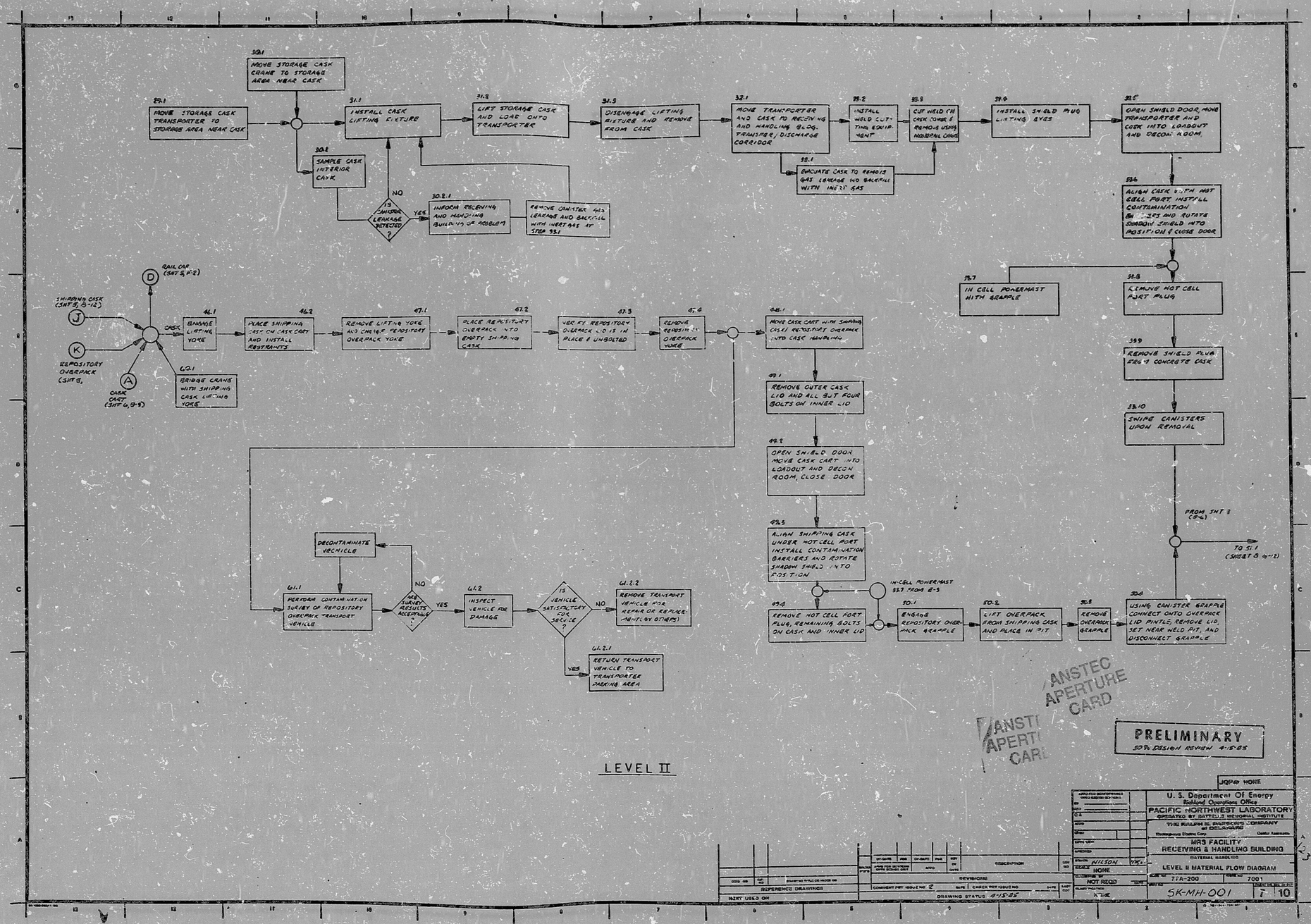
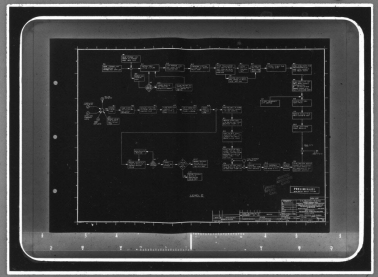

29.1 MOVE STORAGE CASK TRANSPORTER TO STORAGE AREA NEAR CASK
30.1 MOVE STORAGE CASK CRANE TO STORAGE AREA NEAR CASK
30.2 SAMPLE CASK INTERIOR CASK
31.1 INSTALL CASK LIFTING FIXTURE
31.2 LIFT STORAGE CASK AND LOAD ONTO TRANSPORTER
31.3 DISENGAGE LIFTING FIXTURE AND REMOVE FROM CASK
32.1 MOVE TRANSPORTER AND CASK TO RECEIVING AND HANDLING BLDG. TRANSFER/DISCHARGE CORRIDOR
32.1 EVACUATE CASK TO REMOVE GAS LEAKAGE AND BACKFILL WITH INERT GAS
32.2 INSTALL WELD CUTTING EQUIPMENT
32.3 CUT WELD ON CASK COVER & REMOVE USING NORMAL CRANE
32.4 INSTALL SHIELD PLUG LIFTING EYES
32.5 OPEN SHIELD DOOR, MOVE TRANSPORTER AND CASK INTO LOADOUT AND DECON ROOM
32.6 ALIGN CASK WITH HOT CELL PORT INSTALL CONTAMINATION BARRIERS AND ROTATE SHADOW SHIELD INTO POSITION & CLOSE DOOR
32.7 IN CELL POWERMAST WITH GRAPPLE
32.8 REMOVE HOT CELL PORT PLUG
32.9 REMOVE SHIELD PLUG FROM CONCRETE CASK
32.10 SWIPE CANISTERS UPON REMOVAL
FROM SHT 3 (32.4)
TO 51.1 (SHEET 6 of 12)
32.4 USING CANISTER GRAPPLE CONNECT ONTO OVERPACK LID PINTLE, REMOVE LID, SET NEAR WELD PIT, AND DISCONNECT GRAPPLE
IS CANISTER LEAKAGE DETECTED ?
NO
YES
30.2.1 INFORM RECEIVING AND HANDLING BUILDING OF PROBLEM
REMOVE CANISTER AND LEAKAGE AND BACKFILL WITH INERT GAS AT STEP 33.1
RAIL CAR (SHT 5, F-2)
SHIPPING CASK (SHT 5, B-12)
REPOSITORY OVERPACK (SHT 5,
CASK CART (SHT 6, B-8)
CASK
46.1 BANDAGE LIFTING YOKE
46.2 PLACE SHIPPING CASK ON CASK CART AND INSTALL RESTRAINTS
47.1 REMOVE LIFTING YOKE AND CHECK REPOSITORY OVERPACK YOKE
47.2 PLACE REPOSITORY OVERPACK INTO EMPTY SHIPPING CASK
47.3 VERIFY REPOSITORY OVERPACK LID IS IN PLACE & UNBOLTED
47.4 REMOVE REPOSITORY OVERPACK YOKE
48.1 MOVE CASK CART WITH SHIPPING CASK REPOSITORY OVERPACK INTO CASK HANDLING
49.1 REMOVE OUTER CASK LID AND ALL BUT FOUR BOLTS ON INNER LID
49.2 OPEN SHIELD DOOR MOVE CASK CART INTO LOADOUT AND DECON ROOM, CLOSE DOOR
49.3 ALIGN SHIPPING CASK UNDER HOT CELL PORT INSTALL CONTAMINATION BARRIERS AND ROTATE SHADOW SHIELD INTO POSITION
49.4 REMOVE HOT CELL PORT PLUG, REMAINING BOLTS ON CASK AND INNER LID
IN-CELL POWERMAST 33.7 FROM E-5
50.1 ENGAGE REPOSITORY OVERPACK GRAPPLE
50.2 LIFT OVERPACK FROM SHIPPING CASK AND PLACE IN PIT
50.3 REMOVE OVERPACK GRAPPLE
61.1 PERFORM CONTAMINATION SURVEY OF REPOSITORY OVERPACK TRANSPORT VEHICLE
DECONTAMINATE VEHICLE
IS SURVEY RESULTS ACCEPTABLE ?
NO
YES
61.2 INSPECT VEHICLE FOR DAMAGE
IS VEHICLE SATISFACTORY FOR SERVICE ?
NO
YES
61.2.2 REMOVE TRANSPORT VEHICLE FOR REPAIR OR REPLACEMENT BY OTHERS
61.2.1 RETURN TRANSPORT VEHICLE TO TRANSPORTER PARKING AREA
LEVEL II
ANSTEC APERTURE CARD
PRELIMINARY
50% DESIGN REVIEW 4-15-85
JOB# NONE
U. S. Department Of Energy
Richland Operations Office
PACIFIC NORTHWEST LABORATORY
OPERATED BY BATTELLE MEMORIAL INSTITUTE
MRS FACILITY
RECEIVING & HANDLING BUILDING
MATERIAL HANDLING
LEVEL II MATERIAL FLOW DIAGRAM
77A-200
7001
SK-MH-001
7 10
WILSON
NONE
NOT REQD
DRAWING STATUS: 4-15-85
REFERENCE DRAWINGS
REVISIONS
DESCRIPTION

9406300203

PDR RIDS



MMM 5824 FILMSORT® & DUPLICARD® Cards 3M St. Paul, MN