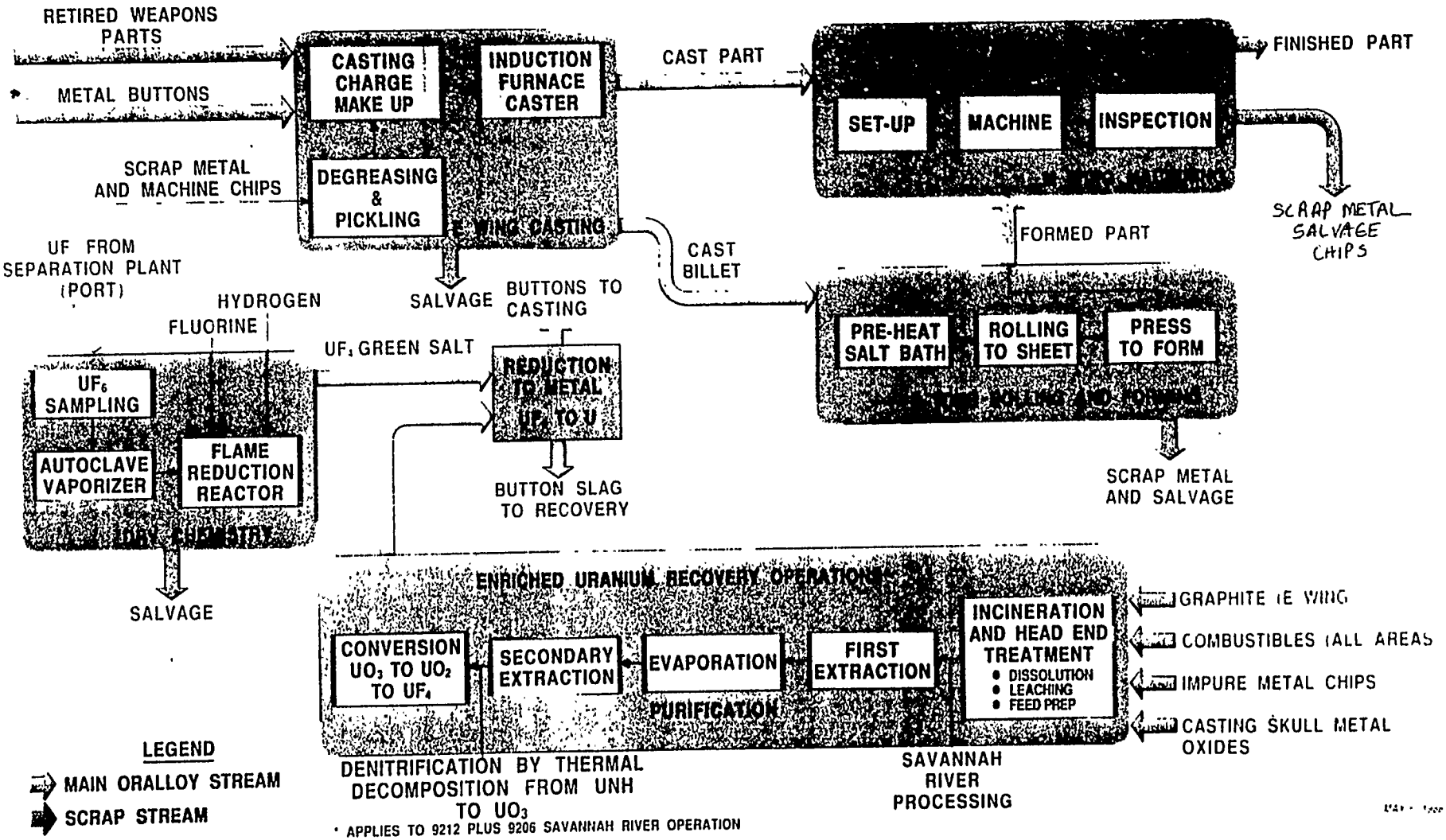
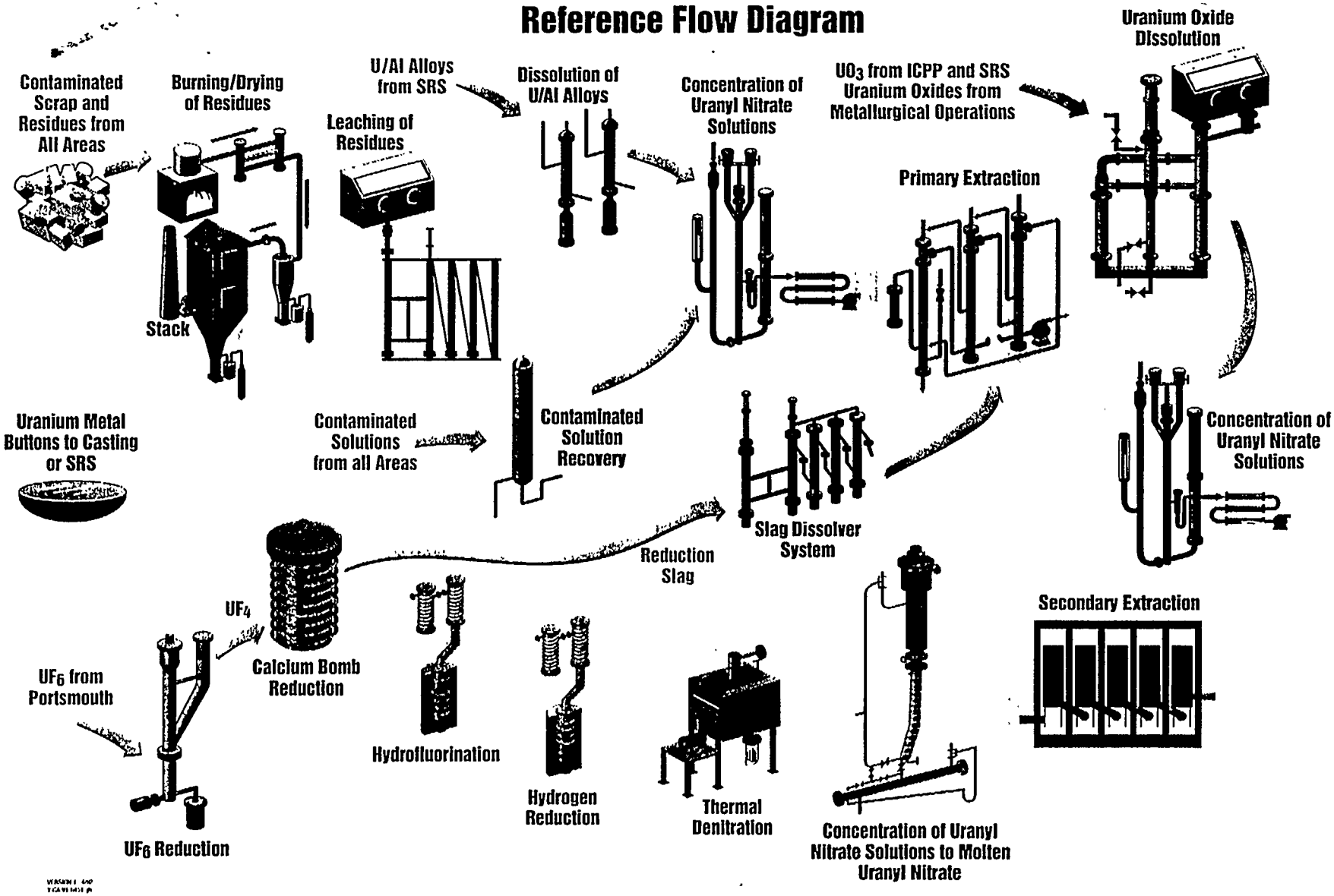
#786

RECORD COPY

Y-12 ENRICHED URANIUM

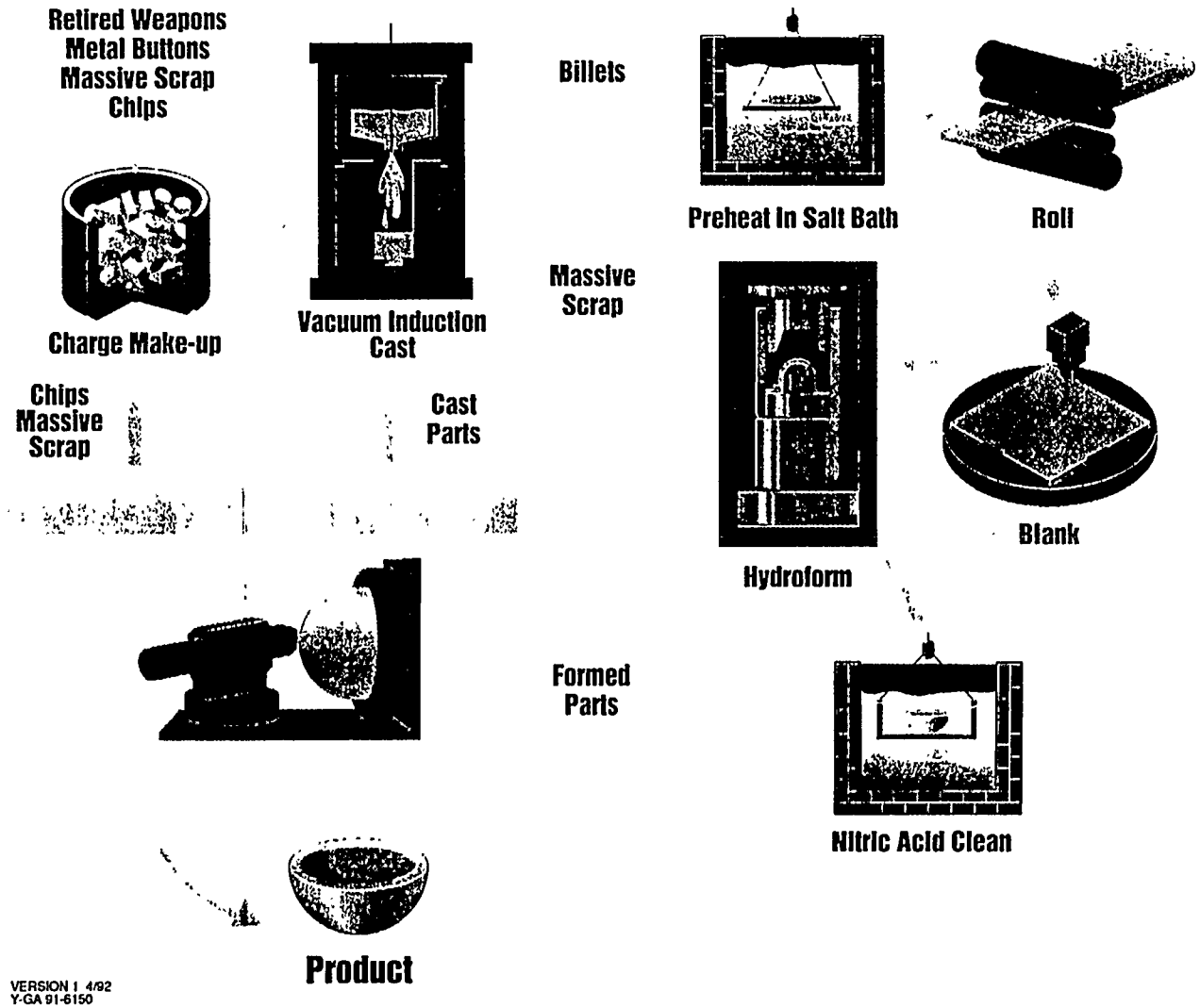


Enriched Uranium Recovery Operations
Reference Flow Diagram



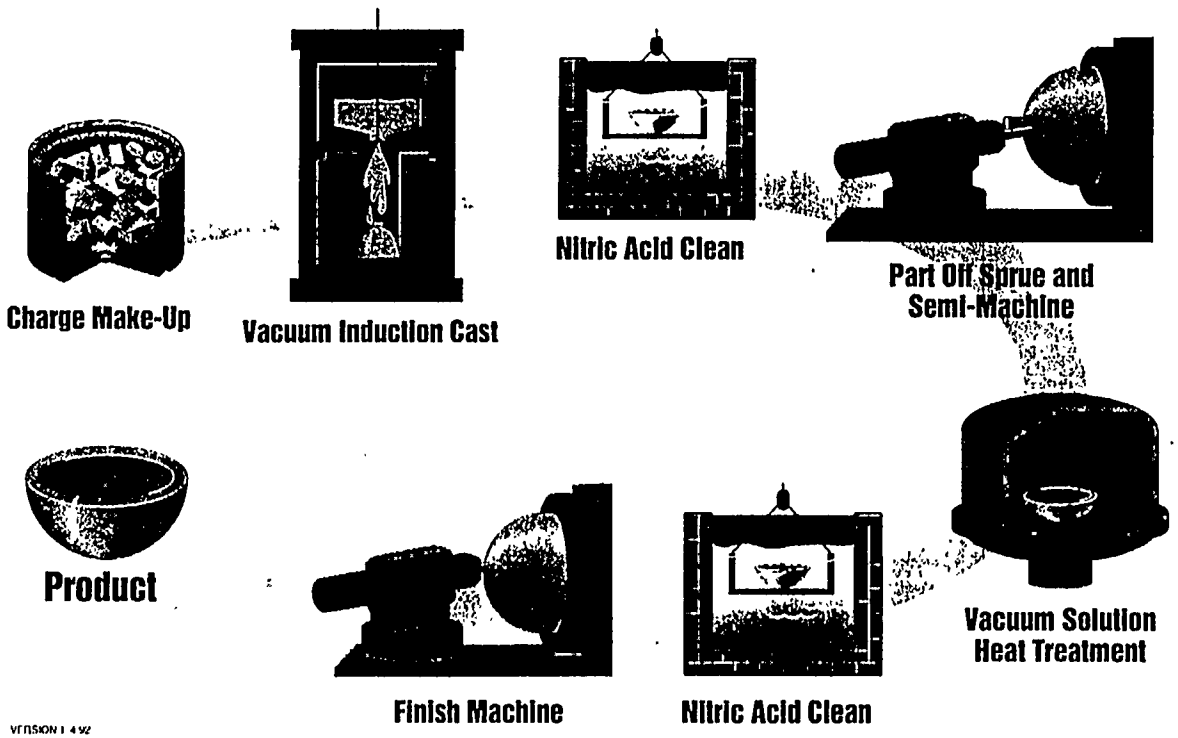
RECORD COPY

Enriched Uranium Metallurgical Operations
Reference Flow Diagram



VERSION 1 4/92
Y-GA 91-6150

Unalloyed Cast Depleted Uranium Operations
Reference Flow Diagram



VERSION 1 4 92
Y 11A 92 1178 p

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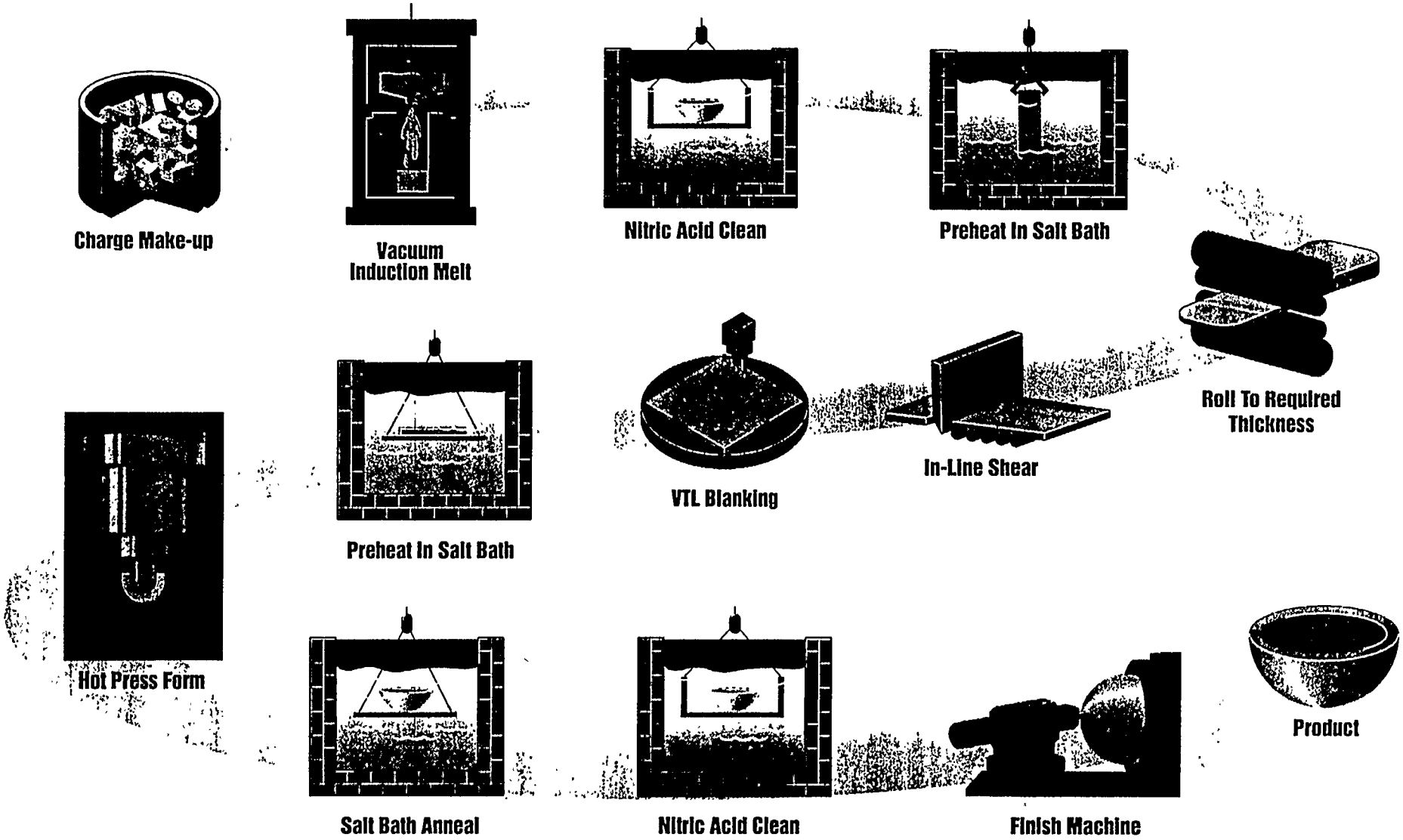
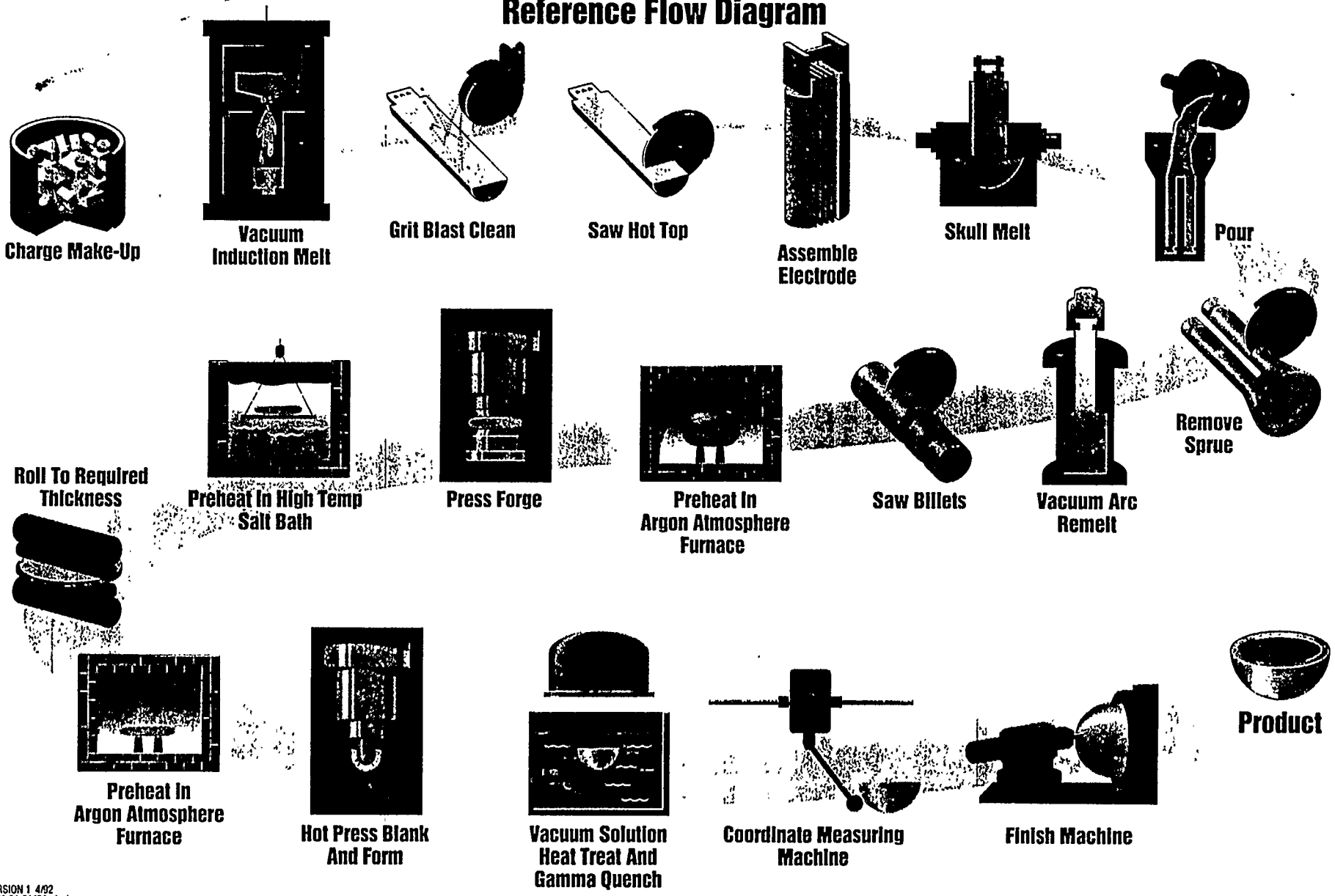
Unalloyed Wrought Depleted Uranium Operations
Reference Flow Diagram



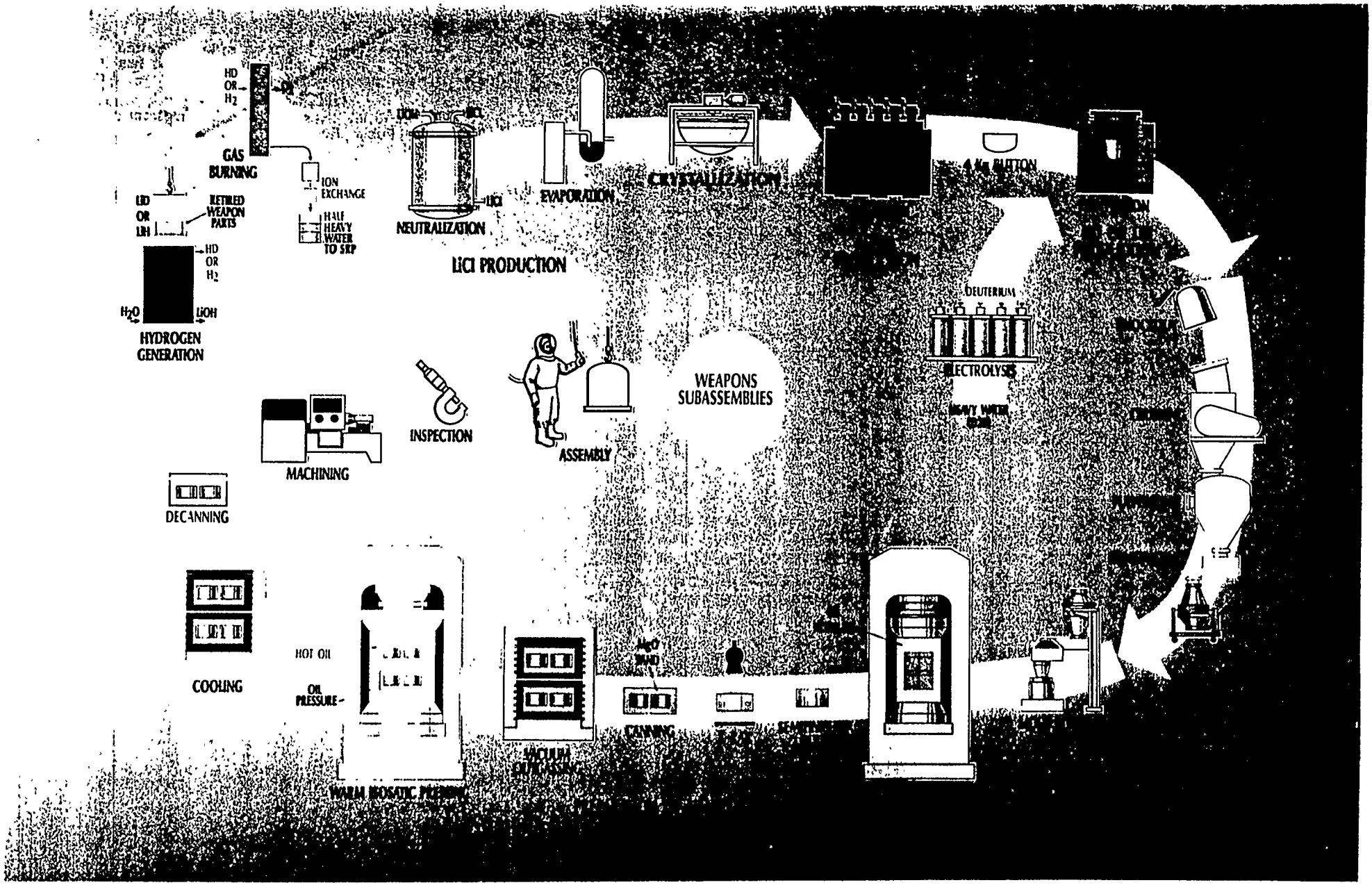
VERSION 1 4/92
YGA 91 6151A

RECORD COPY

Wrought Uranium – 6% Niobium Operations
Reference Flow Diagram



VERSION 1 4/92
Y-GA 91-6149A ksd


HD OR H_2
GAS BURNING
ION EXCHANGE
HALF HEAVY WATER TO SRP
LID OR LIH
RETIRED WEAPON PARTS
HD OR H_2
H_2O
LiOH
HYDROGEN GENERATION
LiOH
HCl
LiCl
NEUTRALIZATION
LiCl PRODUCTION
EVAPORATION
CRYSTALLIZATION
DEUTERIUM
ELECTROLYSIS
HEAVY WATER
WEAPONS SUBASSEMBLIES
INSPECTION
ASSEMBLY
MACHINING
DECANNING
COOLING
HOT OIL
OIL PRESSURE
WARM ISOSTATIC PRESSING
VACUUM
CANNING