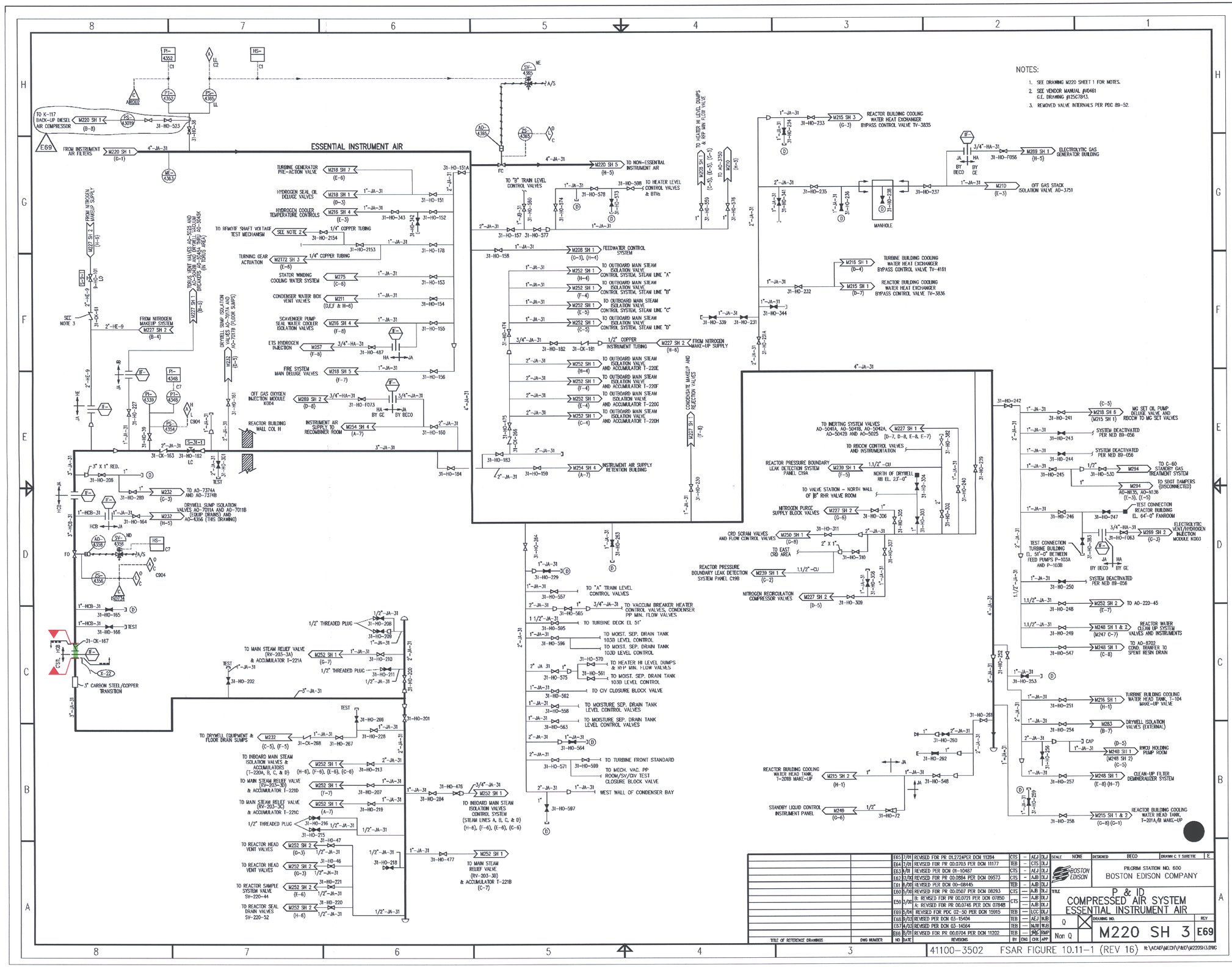
ESSENTIAL INSTRUMENT AIR
TO K-117 BACK-UP DIESEL AIR COMPRESSOR
FROM INSTRUMENT AIR FILTERS
TO NON-ESSENTIAL INSTRUMENT AIR
TURBINE GENERATOR PRE-ACTION VALVE
HYDROGEN SEAL OIL DELUGE VALVES
HYDROGEN COOLER TEMPERATURE CONTROLS
TO REMOTE SHAFT VOLTAGE TEST MECHANISM
TURNING GEAR ACTUATION
STATOR WINDING COOLING WATER SYSTEM
CONDENSER WATER BOX VENT VALVES
SCAVENGER PUMP SEAL WATER COOLER ISOLATION VALVES
ETS HYDROGEN INJECTION
FIRE SYSTEM MAIN DELUGE VALVES
OFF GAS OXYGEN INJECTION MODULE K004
INSTRUMENT AIR SUPPLY TO RECOMBINER ROOM
REACTOR BUILDING WALL COL H
FEEDWATER CONTROL SYSTEM
INSTRUMENT AIR SUPPLY RETENTION BUILDING
TO "A" TRAIN LEVEL CONTROL VALVES
TO TURBINE DECK EL 51'
TO MOIST. SEP. DRAIN TANK 103B LEVEL CONTROL
TO MOIST. SEP. DRAIN TANK 103D LEVEL CONTROL
TO HEATER HI LEVEL DUMPS & HI-P MIN. FLOW VALVES
TO MOIST. SEP. DRAIN TANK 103B LEVEL CONTROL
TO CIV CLOSURE BLOCK VALVE
TO MOISTURE SEP. DRAIN TANK LEVEL CONTROL VALVES
TO MOISTURE SEP. DRAIN TANK LEVEL CONTROL VALVES
TO TURBINE FRONT STANDARD
TO MECH. VAC. PP ROOM/SV/CIV TEST CLOSURE BLOCK VALVE
WEST WALL OF CONDENSER BAY
TO MAIN STEAM RELIEF VALVE (RV-203-3A) & ACCUMULATOR T-221A
TO DRYWELL EQUIPMENT & FLOOR DRAIN SUMPS
TO INBOARD MAIN STEAM ISOLATION VALVES & ACCUMULATORS (T-220A, B, C, & D)
TO MAIN STEAM RELIEF VALVE (RV-203-3D) & ACCUMULATOR T-221D
TO MAIN STEAM RELIEF VALVE (RV-203-3C) & ACCUMULATOR T-221C
TO INBOARD MAIN STEAM ISOLATION VALVES CONTROL SYSTEM (STEAM LINES A, B, C, & D)
TO MAIN STEAM RELIEF VALVE (RV-203-3B) & ACCUMULATOR T-221B
TO REACTOR HEAD VENT VALVES
TO REACTOR SAMPLE SYSTEM VALVE SV-220-44
TO REACTOR SEAL DRAIN VALVES SV-220-52
TO AO-7374A AND AO-7374B
DRYWELL SUMP ISOLATION VALVES AO-7011A AND AO-7011B (EQUIP DRAINS) AND AO-4356 (THIS DRAWING)
3" CARBON STEEL/COPPER TRANSITION
REACTOR BUILDING COOLING WATER HEAT EXCHANGER BYPASS CONTROL VALVE TV-3835
ELECTROLYTIC GAS GENERATOR BUILDING
OFF GAS STACK ISOLATION VALVE AO-3751
MANHOLE
TURBINE BUILDING COOLING WATER HEAT EXCHANGER BYPASS CONTROL VALVE TV-4181
REACTOR BUILDING COOLING WATER HEAT EXCHANGER BYPASS CONTROL VALVE TV-3836
FROM NITROGEN MAKEUP SYSTEM
TO INERTING SYSTEM VALVES AO-5041A, AO-5041B, AO-5042A, AO-5042B AND AO-5023
TO RBCCW CONTROL VALVES AND INSTRUMENTATION
REACTOR PRESSURE BOUNDARY LEAK DETECTION SYSTEM PANEL C19A
NORTH OF DRYWELL RB EL. 23'-0"
TO VALVE STATION - NORTH WALL OF "B" RHR VALVE ROOM
NITROGEN PURGE SUPPLY BLOCK VALVES
CRD SCRAM VALVES AND FLOW CONTROL VALVES
TO EAST CRD AREA
REACTOR PRESSURE BOUNDARY LEAK DETECTION SYSTEM PANEL C19B
NITROGEN RECIRCULATION COMPRESSOR VALVES
REACTOR BUILDING COOLING WATER HEAT TANK, T-201B MAKE-UP
STANDBY LIQUID CONTROL INSTRUMENT PANEL
MG SET OIL PUMP DELUGE VALVE AND RBCCW TO MG SET VALVES
SYSTEM DEACTIVATED PER NED 89-056
TO C-60 STANDBY GAS TREATMENT SYSTEM
TO SBGT DAMPERS (DISCONNECTED)
TEST CONNECTION REACTOR BUILDING EL. 64'-0" FANROOM
ELECTROLYTIC VENT/HYDROGEN INJECTION MODULE K003
TEST CONNECTION TURBINE BUILDING EL. 51'-0" BETWEEN FEED PUMPS P-103A AND P-103B
TO AO-220-45
REACTOR WATER CLEAN UP SYSTEM VALVES AND INSTRUMENTS
TO AO-8202 COND. TRANFER TO SPENT RESIN DRAIN
TURBINE BUILDING COOLING WATER HEAD TANK, T-104 MAKE-UP VALVE
DRYWELL ISOLATION VALVES (EXTERNAL)
RWCU HOLDING PUMP ROOM
CLEAN-UP FILTER DEMINERALIZER SYSTEM
REACTOR BUILDING COOLING WATER HEAD TANK, T-201A/B MAKE-UP
NOTES:
1. SEE DRAWING M220 SHEET 1 FOR NOTES.
2. SEE VENDOR MANUAL #VD461 G.E. DRAWING #125C7843.
3. REMOVED VALVE INTERNALS PER PDC 89-52.
SYSTEM INTENDED FUNCTION BOUNDARY
COMPONENTS SUBJECT TO AMR
INSTRUMENT AIR SYSTEM AMRM-16
BOSTON EDISON
PILGRIM STATION NO. 600
BOSTON EDISON COMPANY
P & ID
COMPRESSED AIR SYSTEM
ESSENTIAL INSTRUMENT AIR
M220 SH 3
E69
LRA-M-220-SH-03-0
41100-3502 FSAR FIGURE 10.11-1 (REV 16)

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