

D12 REACTOR SYSTEM

- D12001 REACTOR ASSEMBLY
D12002 REACTOR VESSEL & INTERNALS ASSEMBLY
D12003 SHROUD HEAD AND SEPARATOR
D12004 STEAM MIXER
D12005 REACTOR HEAD INSULATION & SUPPORT
D12006 SWP INSULATION
D12007 CSD MONITOR SUPPORT

D21 NUCLEAR BOILER SYSTEM

- D21001 FEEDWATER CONDENSATION PRODUCT MONITOR

D33 REACTOR RECIRCULATION SYSTEM

- D33001A REACTOR RECIRCULATING PUMP
D33001B REACTOR RECIRCULATING PUMP
D33002A HYDRAULIC POWER UNIT
D33002B HYDRAULIC POWER UNIT
D33003A REACTOR RECIRCULATION PUMP LOW FREQUENCY NO SET
D33003B REACTOR RECIRCULATION PUMP LOW FREQUENCY NO SET
D33004 REACTOR RECIRCULATION PUMP LOW FREQUENCY NO SET AUXILIARY RELAY PANEL

D41 STAND BY LIQUID CONTROL SYSTEM

- D41001 STORAGE TANK
D41002 TEST TANK
D41003 SLEW MIXING TANK
D41004 PUMP
D41005 SLEW TRANSFER PUMP

D51 NEUTRON MONITORING SYSTEM

- D51001 DISPOSAL CASE
D51002 DISPOSAL EQUIPMENT
D51003A DRIVE MECHANISM
D51003B DRIVE MECHANISM
D51003C DRIVE MECHANISM
D51003D DRIVE MECHANISM
D51003E DRIVE MECHANISM
D51003F DRIVE MECHANISM
D51003G DRIVE MECHANISM
D51003H DRIVE MECHANISM
D51003I DRIVE MECHANISM
D51003J DRIVE MECHANISM
D51003K DRIVE MECHANISM
D51003L DRIVE MECHANISM
D51003M DRIVE MECHANISM

D51 REMOTE SHUTDOWN SYSTEM

- D51001 REMOTE SHUTDOWN PANEL
D51002 REDUNDANT REMOTE SHUTDOWN PANEL

D71 REACTOR PROTECTION SYSTEM

- D71001 RPS POWER DISTRIBUTION PANEL
D71002A MOTOR GENERATOR SET
D71002B MOTOR GENERATOR SET

D80 STEAM BYPASS & PRESSURE REGULATING SYSTEM

- D80002 HYDRAULIC POWER UNIT
D80001 STEAM BYPASS VALVE
D80002 STEAM BYPASS VALVE
D80003 PRESSURE REGULATOR CABINET

D81 PROCESS COMPUTER SYSTEM

- D81000 CPU PROCESSOR
D81001 CPU MEMORY CABINET
D81002 CPU MEMORY CABINET
D81003 CPU MEMORY CABINET
D81004 CPU MEMORY CABINET
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D81007 CPU MEMORY CABINET
D81008 CPU MEMORY CABINET
D81009 CPU MEMORY CABINET
D81010 CPU MEMORY CABINET
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D81019 CPU MEMORY CABINET
D81020 CPU MEMORY CABINET

D17 PLANT RADIATION MONITORING SYSTEM

- D17000 EMERGENCY SERVICE WATER LOOP 'A' RADIATION MONITOR RACK
D17001 EMERGENCY SERVICE WATER LOOP 'B' RADIATION MONITOR RACK
D17002 RADIASTE EFFLUENT TO EMERGENCY SVCE WTR RADIATION MONITOR RACK
D17003 NUCLEAR CLOSER COOLING SYSTEM RADIATION MONITOR RACK
D17004 ADR-HX SERVICE WTR RADIATION MONITOR RACK
D17005 OFF-GAS POST-TREATMENT SAMPLE PANEL
D17006 OFF-GAS POST-TREATMENT VIAL SAMPLER
D17007 OFF-GAS PRE-TREATMENT RADIATION MONITOR (D17001)
D17008 OFF-GAS POST-TREATMENT RADIATION MONITOR (D17014)

D17 PLANT RADIATION MONITORING SYSTEM (CONT.)

- D17004 EMERGENCY SERVICE WATER LOOP 'A' RADIATION MONITOR (D17000)
D17005 EMERGENCY SERVICE WATER LOOP 'B' RADIATION MONITOR (D17001)
D17006 RADIASTE DISCHARGE RADIATION MONITOR - ERV DISCHARGE (D17007)
D17007 NUCLEAR CLOSER COOLING RADIATION MONITOR (D17003)
D17008 ADR-HX SERVICE WTR RADIATION MONITOR RACK (D17004)
D17009 CONTAINMENT VENTILATION EXHAUST RADIATION MONITOR
D17010 CONTAINMENT VENTILATION EXHAUST RADIATION MONITOR
D17011 CONTAINMENT VENTILATION EXHAUST RADIATION MONITOR
D17012 MAIN STEAM LINE RADIATION MONITOR
D17013 MAIN STEAM LINE RADIATION MONITOR
D17014 MAIN STEAM LINE RADIATION MONITOR
D17015 CARBON BED VALVE RADIATION MONITOR
D17016 CARBON BED VALVE RADIATION MONITOR
D17017 OFF-GAS PRE-TREATMENT RADIATION MONITOR (D17004)

D17000 CONTAINMENT VESSEL AND DRYWELL PURGE EXHAUST RADIATION MONITOR (D81007)

- D17001 DRYWELL ATMO/SPRDE RADIATION MONITOR (D81007)
D17002 CONTAINMENT ATMOSPHERE RADIATION MONITOR (D81007)
D17003 AMMULUS EXHAUST - TRAIN 'A' - RADIATION MONITOR (D81007)
D17004 AMMULUS EXHAUST - TRAIN 'B' - RADIATION MONITOR (D81007)
D17005 AUXILIARY BUILDING VENTILATION EXHAUST RADIATION MONITOR (D81007)
D17006 FUEL HANDLING VENTILATION EXHAUST RADIATION MONITOR (D81007)
D17007 RADIASTE BUILDING VENTILATION EXHAUST RADIATION MONITOR (D81007)
D17008 INTERMEDIATE BUILDING VENTILATION EXHAUST RADIATION MONITOR (D81007)
D17009 OFF-GAS BUILDING VENTILATION EXHAUST RADIATION MONITOR (D81007)
D17010 CONTROL ROOM AIRBORNE RADIATION MONITOR (D81008)
D17011 UNIT 1 VENT RADIATION MONITOR (D81008)

D17000A UNDERDRAIN SYSTEM RADIATION MONITOR

- D17000B UNDERDRAIN SYSTEM RADIATION MONITOR
D17000C OFF-GAS VENT PIPE RADIATION MONITOR
D17000D STEAM PACKING EXHAUSTER EFFLUENT RADIATION MONITOR
D17000E TURBINE BUILDING AND HEATER BAY VENT RADIATION MONITOR (D81007)

D18 PORT ACCIDENT RADIATION MONITORING SYSTEM

- D18000 MAIN PLANT VENT GAS RADIATION MONITOR
D18001 OFF-GAS VENT GAS RADIATION MONITOR
D18002 TURBINE BUILDING/HEATER BAY VENT GAS RADIATION MONITOR

D21 AREA RADIATION MONITORING SYSTEM (DETECTOR NUMBERS)

- D21001 RADIATION MONITOR REACTOR BUILDING
D21002 RADIATION MONITOR REACTOR BUILDING
D21003 PERSONNEL AIR LOCK
D21004 CSD NEW VENT
D21005 NEW F/O RECEIVING TANK AREA
D21006 TIP DRIVE AREA
D21007 NEW F/O AREA
D21008 UPPER POOL AREA
D21009 AUXILIARY BUILDING EAST
D21010 AUXILIARY BUILDING WEST
D21011 TURBINE ROOM EAST
D21012 CSD NEW EAST
D21013 TURBINE ROOM WEST
D21014 TURBINE ROOM
D21015 TURBINE ROOM AREA
D21016 TURBINE BUILDING SWP AREA
D21017 OFF-GAS BUILDING
D21018 CONDENSATE FILTER PUMP AREA
D21019 OFF-GAS AFTER FILTER AREA
D21020 H.P. FEEDWATER HEATER AREA
D21021 FEED PUMP AREA
D21022 RADIASTE BUILDING WEST
D21023 RADIASTE BUILDING EAST
D21024 PROCESS SAMPLE ROOM
D21025 RADIASTE EVAPORATOR AREA
D21026 FUEL POOL CLEANUP F/O AREA
D21027 FUEL PREPARATION P/O AREA
D21028 SPENT FUEL STORAGE POOL
D21029 DRYWELL
D21030 SOLID RADIASTE DRAINING AREA
D21031 WASTE COMPACTOR AREA

D21000 CONTROL ROOM

- D21001 OFF-GAS HOLDUP AREA
D21002 FUEL POOL COOLING DRAIN PUMP AREA

D51 ENVIRONMENT MONITORING SYSTEM

- D51000 CONTAINMENT FOUNDATION INSIDE AMMULUS
D51001 CONTAINMENT FOUNDATION INSIDE AMMULUS
D51002 CONTAINMENT FOUNDATION INSIDE AMMULUS
D51003 CONTAINMENT INSIDE AMMULUS
D51004 REACTOR EQUIPMENT INSIDE DRYWELL
D51005 REACTOR CORE COOLING PIPING
D51006 RPS PUMP BAY MAT
D51007 CONTAINMENT FOUNDATION INSIDE AMMULUS ON E/P LINE
D51008 CONTAINMENT FOUNDATION INSIDE AMMULUS
D51009 REACTOR EQUIPMENT INSIDE DRYWELL
D51010 RPS PUMP BAY MAT
D51011 AUXILIARY BUILDING FOUNDATION MAT OF CENTER LINE

E12 RESIDUAL HEAT REMOVAL SYSTEM

- E12000A HEAT EXCHANGER
E12000B HEAT EXCHANGER
E12000C HEAT EXCHANGER
E12000D HEAT EXCHANGER
E12000E HEAT EXCHANGER
E12000F PUMP
E12000G WATER LEAK PUMP

E21 LOW PRESSURE CORE SPRAY SYSTEM

- E21000 PUMP
E21001 WATER LEAK PUMP
E22 HIGH PRESSURE CORE SPRAY SYSTEM
E22000 PUMP
E22001 WATER LEAK PUMP
E22002 DIESEL DRIVEN STARTING AIR COMPRESSOR
E22003 DIESEL DRIVEN STARTING AIR COMPRESSOR
E22004 AIR INTAKE FILTER AND BLENDE
E22005 EXHAUST BLENDE
E22006 HPCS DIESEL GENERATOR CONTROL PANEL
E22007 HPCS DIESEL GENERATOR CT AND PT CABLE PANEL
E22008 DIESEL GENERATOR
E22009 AIR RECEIVER
E22010 AIR RECEIVER
E22011 BATTERY BANK

E22 M3V LEAKAGE CONTROL SYSTEM

- E22000 BLOWER
E22001 BLOWER
E22002 BLOWER

E51 REACTOR CORE ISOLATION COOLING SYSTEM

- E51000 PUMP
E51001 PUMP TURBINE DRIVE
E51002 WATER LEAK PUMP
E51003 BLAND SEAL COMPRESSOR
E51004

F11 FUEL SERVICING EQUIPMENT SYSTEM

- F11000 FUEL PREPARATION MACHINE
F11001 FUEL PREPARATION MACHINE
F11002 FUEL PREPARATION MACHINE
F11003 FUEL PREPARATION MACHINE
F11004 FUEL PREPARATION MACHINE
F11005 FUEL PREPARATION MACHINE
F11006 FUEL PREPARATION MACHINE
F11007 FUEL PREPARATION MACHINE
F11008 FUEL PREPARATION MACHINE
F11009 FUEL PREPARATION MACHINE
F11010 CHANNEL DRAIN FUTURE

F11000 FUEL HANDLING PLATFORM

- F11001 CHANNEL HANDLING ADRN
F11002 CHANNEL HANDLING ROOM

F13 REACTOR VESSEL SERVICING SYSTEM

- F13000A HEAD HOLDING PEDestal
F13000B HEAD HOLDING PEDestal
F13000C HEAD HOLDING PEDestal

F15 REFUELING EQUIPMENT SYSTEM

- F15000 REFUELING PLATFORM
F15001 AUXILIARY PLATFORM
F15002 REFUELING PLATFORM
F15003 REFUELING BELLOWS

F16 STORAGE EQUIPMENT SYSTEM

- F16000 FUEL STORAGE BARGE
F16001 CHANNEL STORAGE BARGE
F16002 4-BUNDLE FUEL PACK
F16003 FUEL STORAGE RACKS
F16004 FUEL STORAGE RACKS

F17 UNDER REACTOR VESSEL SERVICING EQUIPMENT SYSTEM

- F17000 EQUIPMENT HANDLING PLATFORM

F42 FUEL TRANSFER SYSTEM

- F42000 INCLINED FUEL TRANSFER TUBE
F42001 HYDRAULIC POWER SUPPLY (UPPER POOL)
F42002 HYDRAULIC POWER SUPPLY (LOWER POOL)
F42003 WTR
F42004 REACTOR BUILDING OPERATING PANEL
F42005 HEAT RADIATION WATER
F42006 FUEL BUILDING OPERATING PANEL

G33 REACTOR WATER CLEANUP SYSTEM

- G33000A HEAT EXCHANGER (REGENERATIVE)
G33000B HEAT EXCHANGER (REGENERATIVE)
G33000C HEAT EXCHANGER (REGENERATIVE)
G33000D HEAT EXCHANGER (NON-REGENERATIVE)
G33000E HEAT EXCHANGER (NON-REGENERATIVE)
G33000F PUMP
G33000G PUMP
G33000H REACTOR SAMPLE STATION

G36 NEW FILTER/DEMINERALIZER SYSTEM

- G36000 PRECAT TANK
G36001 RESIN FEED TANK
G36002 BACKWASH RECEIVING TANK
G36003 HOLDING TANK
G36004 HOLDING PUMP
G36005 PRECAT PUMP
G36006 HEAD IN WETTING PUMP
G36007 FILTER/DEMINERALIZER
G36008 FILTER/DEMINERALIZER
G36009 INSTRUMENT RELAY PANEL
G36010 CONTROL PANEL

G40 ALTERNATE DECAT HEAT REMOVAL SYSTEM

- G40000 HEAT EXCHANGER
G40001 PUMP

G41 FUEL POOL COOLING AND CLEANUP SYSTEM

- G41000 FUEL FEED TANK
G41001 SURGE TANK
G41002 SURGE TANK
G41003 FUEL TRANSFER TUBE DRAIN TANK
G41004 HEAT EXCHANGER
G41005 HEAT EXCHANGER
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801 LOCAL PANEL AND RACK SYSTEM (CON-02)

- 801P002 PERMANENT POTABLE WATER CONTROL PANEL
- 801P005 MAIN CONDENSER CLEAN CONTROL PANEL
- 801P009 SERVICE WATER SCREEN CONTROL PANEL
- 801P010 TUNING PLANT SAMPLING ANALYZER PANEL
- 801P010A EMERGENCY SERVICE WATER SCREEN CONTROL PANEL - A
- 801P010B EMERGENCY SERVICE WATER SCREEN CONTROL PANEL - B
- 801P012A INSTRUMENT CABINET - MOVABLE
- 801P012B INSTRUMENT CABINET - IMMOVABLE
- 801P012C INSTRUMENT CABINET - IMMOVABLE
- 801P013 CONDENSATE DENIMERALIZER CONTROL PANEL
- 801P014 CONDENSATE FILTER CONTROL PANEL
- 801P015 CONDENSATE FILTER CONTROL PANEL
- 801P016 MAKEUP WATER PRETREATMENT CONTROL PANEL
- 801P017 MAKEUP WATER DENIMERALIZER CONTROL PANEL
- 801P022A H<sub>2</sub> ANALYZER & VERTICAL PANEL
- 801P022B H<sub>2</sub> ANALYZER & VERTICAL PANEL
- 801P027 SERVICE WATER CHLORINATION PANEL
- 801P028 EMERGENCY SERVICE WATER CHLORINATION PANEL
- 801P031A RADWASTE CONTROL PANEL
- 801P031B RADWASTE CONTROL PANEL
- 801P032 BULK HYDROGEN STORAGE GARGE PANEL
- 801P033 #2 SYSTEM HVAC PANEL
- 801P034 SODIUM HYPOCHLORITE GENERATION CONTROL PANEL
- 801P035 DECOLORINATION-CONTROL PANEL
- 801P037 PUMP ROOM COOLING HVAC CONTROL PANEL
- 801P038 EC COOLING SYSTEM AND ES #20 SYSTEM INSTRUMENT RACK
- 801P040 #20 SYSTEM HVAC PANEL
- 801P041 #42 SYSTEM HVAC PANEL
- 801P042 #25 SYSTEM HVAC PANEL
- 801P044 TURBINE BUILDING CHILLED WATER CONTROL PANEL
- 801P049 #37 SYSTEM VENTILATION FAN SC
- 801P051 SERVICE AIR COMPRESSOR CONTROL PANEL
- 801P052 COOLING TOWER CHLORINATION CONTROL PANEL
- 801P053 COOLING TOWER RESIDUAL CHLORINE ANALYZER PANEL
- 801P054 STANDBY DIESEL - ENGINE CONTROL PANEL
- 801P054B STANDBY DIESEL - ENGINE CONTROL PANEL
- 801P055A STANDBY DIESEL - GENERATOR CONTROL PANEL
- 801P055B STANDBY DIESEL - GENERATOR CONTROL PANEL
- 801P057 INSTRUMENT AIR COMPRESSOR CONTROL PANEL
- 801P061 STEAM SEAL EVAPORATOR CONTROL PANEL
- 801P062 STEAM SEAL CONTROL PANEL
- 801P063 COOLING TOWER ACID ADDITION CONTROL PANEL
- 801P064 RADWASTE BUILDING VENTILATION EXHAUST RADIATION MONITOR
- 801P065 INTERMEDIATE BUILDING VENTILATION EXHAUST RADIATION MONITOR
- 801P068 FUEL HANDLING BUILDING VENTILATION EXHAUST RADIATION MONITOR
- 801P088 CONTROL ROOM AIRBORNE RADIATION MONITOR
- 801P070 CONTAINMENT EXHAUST RADIATION MONITOR
- 801P071 DRYWELL ATMOSPHERE RADIATION MONITOR
- 801P072 CONTAINMENT ATMOSPHERE RADIATION MONITOR
- 801P073 AMBULIS EXHAUST TRIM "A" RADIATION MONITOR
- 801P074 AMBULIS EXHAUST TRIM "B" RADIATION MONITOR
- 801P075 INTERBUS TRANSFORMER LH-1-A PROTECTION RELAY PANEL
- 801P076 INTERBUS TRANSFORMER LH-1-A PROTECTION RELAY PANEL
- 801P077 EMERGENCY SERVICE WATER SCREEN CONTROL STATION A AND B
- 801P077A EMERGENCY SERVICE WATER SCREEN CONTROL STATION A AND B
- 801P077B SERVICE WATER SCREEN WASH CONTROL STATION A AND B
- 801P078 SERVICE WATER SCREEN WASH CONTROL STATION A AND B
- 801P084 RHR TUBE BUNDLE WATER REMOVAL PUMP
- 801P084B RHR TUBE BUNDLE WATER REMOVAL PUMP
- 801P085 OFF-GAS BUILDING VENTILATION EXHAUST RADIATION MONITOR
- 801P086 UNIT VENT 1 RADIATION MONITOR
- 801P075 AUXILIARY BUILDING VENTILATION EXHAUST RADIATION MONITOR
- 801P144 TERMINATION CABINET
- 801P081 MOISTURE SEPARATOR REHEATER CONTROL PANEL
- 801P082 SOLID RADWASTE DISPOSAL CONTROL PANEL
- 801P083 CONDENSER WATER BOX CONTROL STATION
- 801P084 POST LOCA HYDROGEN RECOMBINER A CONTROL PANEL
- 801P085 POST LOCA HYDROGEN RECOMBINER B CONTROL PANEL
- 801P086 INSTRUMENT AIR DRYER A CONTROL PANEL
- 801P087 INSTRUMENT AIR DRYER B CONTROL PANEL
- 801P088 FEEDWATER AND REHEAT STEAM SYSTEM INSTRUMENT RACK
- 801P100 AUXILIARY MILLER CHEMICAL TREATING CONTROL PANEL
- 801P101 DIESEL FINE PUMP CONTROL PANEL
- 801P102 ELECTRIC FINE PUMP CONTROL PANEL
- 801P132 OFF-GAS VAULT SYSTEM REFRIGERATION PANEL
- 801P133A TRAVELING BELT FILTER CONTROL PANEL
- 801P133B TRAVELING BELT FILTER CONTROL PANEL
- 801P134 CONTAINMENT ATMOSPHERE MONITOR INSTRUMENT PANEL A
- 801P134B CONTAINMENT ATMOSPHERE MONITOR INSTRUMENT PANEL B
- 801P148 OFF-GAS VENT PIPE AIR SAMPLING PANEL
- 801P149 PLANT VENT AIR SAMPLING RACK
- 801P189 OFF-GAS VENT PIPE RADIATION MONITOR
- 801P170 MAINTENANCE CALIBRATION PATCH PANEL
- 801P172 AUXILIARY BUILDING AND STEAM TUNNEL HVAC CONTROL PANEL
- 801P173 FUEL POOL FILTER DENIMERALIZER CONTROL PANEL
- 801P175A CONDENSATE FILTER UNIT A INSTRUMENT RACK
- 801P175B CONDENSATE FILTER UNIT B INSTRUMENT RACK
- 801P175C CONDENSATE FILTER UNIT C INSTRUMENT RACK
- 801P175D CONDENSATE FILTER UNIT D INSTRUMENT RACK
- 801P175E CONDENSATE FILTER UNIT E INSTRUMENT RACK
- 801P175F CONDENSATE FILTER UNIT F INSTRUMENT RACK
- 801P175G CONDENSATE FILTER UNIT G INSTRUMENT RACK
- 801P175H CONDENSATE FILTER UNIT H INSTRUMENT RACK
- 801P175I CONDENSATE FILTER PREDDAT TANK INSTRUMENT RACK
- 801P176 H<sub>2</sub> AND COOLING WATER CONTROL PANEL
- 801P177A #22/24A SYSTEM HVAC PANEL A
- 801P177B #22/24A SYSTEM HVAC PANEL B
- 801P178 EMERGENCY CLOSED COOLING SYSTEM INSTRUMENT RACK
- 801P179 MOISTURE SEPARATOR DRAIN TANK - A LEVEL INSTRUMENT RACK
- 801P180 MOISTURE SEPARATOR DRAIN TANK - B LEVEL INSTRUMENT RACK
- 801P181 DRAIN TANK - A - LEVEL CONTROL RACK
- 801P182 HOTWELL PUMPS PRESSURE TRANSMITTER RACK
- 801P183 TURB BLS CONDENSATE REHEAT PUMPS A AND B LEVEL INSTR RACK
- 801P184 MOISTURE SEPARATOR DRAIN TANK - B - LEVEL INSTRUMENT RACK
- 801P185 TURBINE BUILDING CLOSED COOLING PUMP DISCHARGE INSTRUMENT RACK
- 801P186 MAIN STEAM LINES PRESSURE TRANSMITTER RACK
- 801P187 INSTRUMENTATION RACK
- 801P188 INSTRUMENTATION RACK
- 801P189 INSTRUMENTATION RACK
- 801P190 INSTRUMENTATION RACK
- 801P191 INSTRUMENTATION RACK
- 801P192 INSTRUMENTATION RACK
- 801P193 INSTRUMENTATION RACK
- 801P194 INSTRUMENTATION RACK
- 801P195 INSTRUMENTATION RACK
- 801P196 FIRE PUMP CONTROLLER PANEL
- 801P213 TURBINE BUILDING CHILLER CONTROL PANEL A
- 801P214 TURBINE BUILDING CHILLER CONTROL PANEL B
- 801P215 CONTAINMENT CHILLER A CONTROL PANEL
- 801P216 CONTAINMENT CHILLER B CONTROL PANEL
- 801P217 CONTROL COMPLEX CHILLER A CONTROL PANEL
- 801P218 CONTROL COMPLEX CHILLER B CONTROL PANEL
- 801P219 CONTROL COMPLEX CHILLER C CONTROL PANEL
- 801P221 OFF-GAS VAULT BRINE COOLING CONTROL PANEL A1
- 801P222 OFF-GAS VAULT BRINE COOLING CONTROL PANEL A2
- 801P223 OFF-GAS VAULT BRINE COOLING CONTROL PANEL B1
- 801P224 OFF-GAS VAULT BRINE COOLING CONTROL PANEL B2
- 801P225 OFF-GAS VAULT BRINE COOLING CONTROL PANEL C1
- 801P226 OFF-GAS VAULT BRINE COOLING CONTROL PANEL C2
- 801P228 TURBINE PLANT SAMPLE EXTRACTION PUMP CONTROL PANEL
- 801P230 HOT WATER HEATING SYSTEM CONTROL PANEL
- 801P250 MOISTURE SEPARATOR REHEATER A2 INSTRUMENT RACK
- 801P256 TURBINE BUILDING AND HEATER BAY VENT RADIATION MONITOR (D17/K350)
- 801P267 TURBINE BUILDING AND HEATER BAY AUTO ISOKINETIC SAMPLE SINK

802 LOCAL PANEL AND RACK SYSTEM (CON-03) (CONTINUED)

- 802P250 DENIMERALIZER CONTROL PANEL
- 802P251 EMERGENCY CLOSED COOLING WATER TEMPERATURE (HOT) STATION
- 802P252 PA SAMPLE - CHEMICAL WASTE TANKS - PANEL
- 802P253 FAN AND HEATER DIVISION 2 CONTROL STATION
- 802P254 4A4 KEY CONTROL PANEL
- 802P255 K1/K2 KEY CONTROL PANEL
- 802P256 GAS BOTTLE RACK
- 802P257 ERIS DAC VACUUM
- 802P258 LOCAL ERIS DAC
- 802P259 BSS AND HOP PIPE TEST CABINET
- 802P260 HOP PIPE TEST CABINET
- 802P261 REVITE SHUTDOWN CDS SPDS ELECTRONIC CABINET
- 802P262 STANDBY DIESEL - SPEED CONTROL PANEL
- 802P263 STANDBY DIESEL - OPERATOR CONTROL PANEL
- 802P264 ADMR PROCESOR CONTROL PANEL
- 802P265 ADMR DV FILTER CONTROL PANEL
- 802P266 ADMR DV FILTER INSTRUMENT RACK
- LS1 CANNES HOISTS ETC
- LS1E001 POLAR CRANE
- LS1E002A TURBINE ROOM CRANE
- LS1E002B TURBINE ROOM CRANE
- LS1E003 FUEL HANDLING AREA CRANE
- LS1E004 EMERGENCY SERVICE WATER PUMP HOUSE CRANE
- LS1E005 CIRCULATING WATER PUMP HOUSE CRANE
- LS1E012 SERVICE WATER PUMP HOUSE CRANE

803 CONTAINMENT VESSEL COOLING SYSTEM

- 803000A AIR HANDLING UNIT
- 803000B AIR HANDLING UNIT
- 803000C AIR HANDLING UNIT
- 803000D AIR HANDLING UNIT
- 803000E AIR HANDLING UNIT
- 803000F AIR HANDLING UNIT

804 DRYWELL COOLING SYSTEM

- 804001 SUPPLY PLENUM
- 804002 SUPPLY PLENUM
- 804003 SUPPLY PLENUM
- 804004 SUPPLY FAR
- 804005 SUPPLY FAR
- 804006 SUPPLY FAR
- 804007 SUPPLY FAR
- 804008 SUPPLY FAR

805 CONTAINMENT VESSEL & DRYWELL PARGE SYSTEM

- 805000A PARGE SUPPLY PLENUM
- 805000B PARGE SUPPLY PLENUM
- 805000C C.V. SUPPLY FAN
- 805000D C.V. SUPPLY FAN
- 805000E EXHAUST FAN
- 805000F EXHAUST FAN
- 805000G EXHAUST PLENUM
- 805000H EXHAUST PLENUM

806 AMBULIS EXHAUST GAS TREATMENT SYSTEM

- 806000A FAN
- 806000B FAN
- 806000C PLENUM
- 806000D PLENUM

807 CONTROLLER ADDRESS AND MISC EQUIPMENT AREA HVAC SYSTEM

- 807000A AREA HVAC SUPPLY PLENUM
- 807000B AREA HVAC SUPPLY PLENUM
- 807000C AREA EXHAUST FAN
- 807000D AREA EXHAUST FAN
- 807000E AREA SUPPLY FAN
- 807000F AREA SUPPLY FAN
- 807000G AREA SUPPLY FAN
- 807000H AREA RETURN FAN
- 807000I AREA RETURN FAN
- 807000J EXHAUST PLENUM
- 807000K EXHAUST PLENUM

808 MCC SGR AND MISC ELECTRICAL EQUIPMENT AREA HVAC SYSTEM

- 808000A SUPPLY PLENUM
- 808000B SUPPLY PLENUM
- 808000C SUPPLY FAN
- 808000D EXHAUST FAN
- 808000E EXHAUST FAN
- 808000F EXHAUST FAN
- 808000G RETURN FAN
- 808000H RETURN FAN

809 BATTERY ROOM EXHAUST SYSTEM

- 809000A FAN
- 809000B FAN

810 CONTROL ROOM HVAC SYSTEM

- 810000A SUPPLY PLENUM
- 810000B SUPPLY PLENUM
- 810000C SUPPLY FAN
- 810000D SUPPLY FAN
- 810000E EXHAUST FAN
- 810000F EXHAUST FAN
- 810000G RETURN FAN
- 810000H RETURN FAN

811 CONTROL ROOM EMERGENCY RECIRCULATION SYSTEM

- 811000A CONTROL ROOM EMERGENCY RECIRCULATION FAN
- 811000B CONTROL ROOM EMERGENCY RECIRCULATION FAN
- 811000C CONTROL ROOM EMERGENCY RECIRCULATION PLENUM
- 811000D CONTROL ROOM EMERGENCY RECIRCULATION PLENUM

812 COMPUTER ROOM HVAC SYSTEM

- 812000A AIR HANDLING UNIT
- 812000B AIR HANDLING UNIT

813 EMERGENCY PUMP AREA COOLING SYSTEM

- 813000A AIR HANDLING UNIT
- 813000B AIR HANDLING UNIT

801 RADWASTE BUILDING VENTILATION SYSTEM

- 8010001 RADWASTE BUILDING SUPPLY PLENUM
- 8010002 RADWASTE BUILDING SUPPLY FAN
- 8010003 RADWASTE BUILDING SUPPLY FAN
- 8010004 RADWASTE BUILDING EXHAUST FAN
- 8010005 RADWASTE BUILDING EXHAUST FAN
- 8010006 RADWASTE BUILDING EXHAUST FAN
- 8010007 EXHAUST PLENUM
- 8010008 EXHAUST PLENUM

802 EMERGENCY SERVICE WATER PUMP HOUSE VENTILATING SYSTEM

- 802000A FAN
- 802000B FAN

803 INTERMEDIATE BUILDING VENTILATION SYSTEM

- 8030001 INTERMEDIATE BUILDING SUPPLY PLENUM
- 8030002 INTERMEDIATE BUILDING SUPPLY FAN
- 8030003 EXHAUST FAN

804 TURBINE BUILDING VENTILATION SYSTEM

- 804000A TURBINE BUILDING SUPPLY PLENUM
- 804000B TURBINE BUILDING SUPPLY PLENUM
- 804000C TURBINE BUILDING SUPPLY PLENUM
- 804000D TURBINE BUILDING SUPPLY PLENUM
- 804000E TURBINE BUILDING SUPPLY FAN
- 804000F TURBINE BUILDING SUPPLY FAN
- 804000G TURBINE BUILDING SUPPLY FAN

805 STEAM TUNNEL VENTILATION SYSTEM

- 8050001 SUPPLY PLENUM

806 RADWASTE BUILDING CONTROL ROOM HVAC SYSTEM

- 8060001 AIR CONDITIONING UNIT

807 COMBUSTIBLE GAS CONTROL SYSTEM

- 807000A COMBUSTIBLE GAS PURGE UNIT
- 807000B COMBUSTIBLE GAS PURGE UNIT
- 807000C POST LOCA HYDROGEN RECOMBINER A
- 807000D POST LOCA HYDROGEN RECOMBINER B

808 CONDENSATE SYSTEM

- 808000A LOW PRESSURE FEEDWATER HEATER 1A
- 808000B LOW PRESSURE FEEDWATER HEATER 1B
- 808000C LOW PRESSURE FEEDWATER HEATER 1C
- 808000D LOW PRESSURE FEEDWATER HEATER 2A
- 808000E LOW PRESSURE FEEDWATER HEATER 2B
- 808000F LOW PRESSURE FEEDWATER HEATER 2C
- 808000G LOW PRESSURE FEEDWATER HEATER 3A
- 808000H LOW PRESSURE FEEDWATER HEATER 3B
- 808000I DIRECT CONTACT HEATER & HOT SOURCE TANK
- 808000J HOTWELL PUMP
- 808000K HOTWELL PUMP
- 808000L CONDENSATE BOOSTER PUMP
- 808000M CONDENSATE BOOSTER PUMP
- 808000N CONDENSATE BOOSTER PUMP

809 OFF-GAS BUILDING EXHAUST SYSTEM

- 809000A OFF-GAS EXHAUST FAN
- 809000B OFF-GAS EXHAUST FAN
- 809000C OFF-GAS EXHAUST PLENUM
- 809000D OFF-GAS EXHAUST PLENUM

810 WATER TREATMENT BUILDING VENTILATION SYSTEM

- 810000A WATER TREATMENT BUILDING ROOF EXHAUSTER
- 810000B WATER TREATMENT BUILDING ROOF EXHAUSTER

811 CONDENSATE FILTRATION SYSTEM

- 8110001 CONDENSATE FILTER PREDDAT TANK ABANDONED IN PLACE

812 CONDENSATE FILTER HOLDING PUMP

- 8120001A CONDENSATE FILTER
- 8120001B CONDENSATE FILTER
- 8120001C CONDENSATE FILTER
- 8120001D CONDENSATE FILTER
- 8120001E CONDENSATE FILTER
- 8120001F CONDENSATE FILTER
- 8120001G CONDENSATE FILTER
- 8120001H CONDENSATE FILTER
- 8120002 CONDENSATE FILTER PREDDAT TANK ABANDONED IN PLACE
- 8120003 CONDENSATE FILTER PREDDAT DUST COLLECTOR ABANDONED IN PLACE
- 8120004 CONDENSATE FILTER PREDDAT DUST COLLECTOR ABANDONED IN PLACE

813 PUMP ROOM COOLING SYSTEM

- 813000A IRR A AIR HANDLING UNIT
- 813000B IRR B AIR HANDLING UNIT
- 813000C IRR C AIR HANDLING UNIT
- 813000D IRR C AIR HANDLING UNIT
- 813000E IRR C AIR HANDLING UNIT
- 813000F IRR C AIR HANDLING UNIT
- 813000G IRR C AIR HANDLING UNIT
- 813000H IRR C AIR HANDLING UNIT
- 813000I IRR C AIR HANDLING UNIT
- 813000J IRR C AIR HANDLING UNIT

814 FUEL HANDLING BUILDING VENTILATION SYSTEM

- 8140001 SUPPLY PLENUM
- 8140002 SUPPLY FAN
- 8140003 SUPPLY FAN
- 8140004 EXHAUST FAN
- 8140005 EXHAUST FAN
- 8140006 EXHAUST FAN
- 8140007 EXHAUST PLENUM
- 8140008 EXHAUST PLENUM
- 8140009 EXHAUST PLENUM
- 8140010 EXHAUST PLENUM

815 HEATER BAY VENTILATION SYSTEM

- 815000A SUPPLY FAN
- 815000B SUPPLY FAN

816 DIESEL GENERATOR BUILDING VENTILATION SYSTEM

- 816000A VENTILATION FAN
- 816000B VENTILATION FAN
- 816000C VENTILATION FAN
- 816000D VENTILATION FAN
- 816000E VENTILATION FAN
- 816000F VENTILATION FAN

817 HIGH PRESSURE HEATER DRAIN AND VENT SYSTEM

- 8170001A MOISTURE SEPARATOR DRAIN TANK
- 8170001B MOISTURE SEPARATOR DRAIN TANK
- 8170002 MOISTURE SEPARATOR FIRST STAGE REHEAT DRAIN TANK
- 8170003 MOISTURE SEPARATOR FIRST STAGE REHEAT DRAIN TANK
- 8170004 MOISTURE SEPARATOR SECOND STAGE REHEAT DRAIN TANK
- 8170005 MOISTURE SEPARATOR SECOND STAGE REHEAT DRAIN TANK
- 8170006 MOISTURE SEPARATOR DRAIN TANK
- 8170007 MOISTURE SEPARATOR DRAIN TANK
- 8170008 MOISTURE SEPARATOR FIRST STAGE REHEAT DRAIN TANK
- 8170009 MOISTURE SEPARATOR SECOND STAGE REHEAT DRAIN TANK
- 8170010 MOISTURE SEPARATOR SECOND STAGE REHEAT DRAIN TANK
- 8170011 MOISTURE SEPARATOR REHEATER
- 8170012 MOISTURE SEPARATOR REHEATER
- 8170013 MOISTURE SEPARATOR REHEATER
- 8170014 MOISTURE SEPARATOR REHEATER

818 CIRCULATING WATER PUMP HOUSE VENTILATION SYSTEM

- 8180001A ROOF EXHAUSTER
- 8180001B ROOF EXHAUSTER
- 8180001C ROOF EXHAUSTER

819 MISCELLANEOUS VENTILATION SYSTEM

- 8190001 IN SERVICE INSPECTION ROOM AIR HANDLING UNIT
- 8190002 AUXILIARY MILLER HOUSE ROOF EXHAUSTER
- 8190003 SERVICE WATER PUMP HOUSE VENTILATION FAN
- 8190004 SERVICE WATER PUMP HOUSE VENTILATION FAN
- 8190005 DIESEL DRIVEN FINE PUMP AREA VENTILATION FAN
- 8190006 DIESEL DRIVEN FINE PUMP AREA VENTILATION FAN
- 8190007 INTERMEDIATE BUILDING ELEVATOR MACHINERY ROOM ROOF EXHAUSTER
- 8190008 AUXILIARY BUILDING ELEVATOR MACHINERY ROOM ROOF EXHAUSTER
- 8190009 RADWASTE BUILDING ELEVATOR MACHINERY ROOM ROOF EXHAUSTER
- 8190010 TURBINE BUILDING ELEVATOR MACHINERY ROOM ROOF EXHAUSTER
- 8190011 CONTROL COMPLEX ELEVATOR MACHINERY ROOM ROOF EXHAUSTER
- 8190012 DISCHARGE TUNNEL DECOLORINATION EQUIPMENT BLDG ROOF EXHAUSTER
- 8190013 FUEL BIL PUMP HOUSE ROOF EXHAUSTER
- 8190014 HYPOCHLORITE GENERATION BUILDING ROOF EXHAUSTER

820 STEAM TUNNEL VENTILATION SYSTEM

- 8200001 SUPPLY PLENUM

821 RADWASTE BUILDING CONTROL ROOM HVAC SYSTEM

- 8210001 AIR CONDITIONING UNIT

822 CONDENSATE SYSTEM

- 8220001A LOW PRESSURE FEEDWATER HEATER 1A
- 8220001B LOW PRESSURE FEEDWATER HEATER 1B
- 8220001C LOW PRESSURE FEEDWATER HEATER 1C
- 8220002A LOW PRESSURE FEEDWATER HEATER 2A
- 8220002B LOW PRESSURE FEEDWATER HEATER 2B
- 8220002C LOW PRESSURE FEEDWATER HEATER 2C
- 8220003A LOW PRESSURE FEEDWATER HEATER 3A
- 8220003B LOW PRESSURE FEEDWATER HEATER 3B
- 8220004 DIRECT CONTACT HEATER & HOT SOURCE TANK
- 8220005A HOTWELL PUMP
- 8220005B HOTWELL PUMP
- 8220006A CONDENSATE BOOSTER PUMP
- 8220006B CONDENSATE BOOSTER PUMP
- 8220006C CONDENSATE BOOSTER PUMP

823 OFF-GAS BUILDING EXHAUST SYSTEM

- 8230001A OFF-GAS EXHAUST FAN
- 8230001B OFF-GAS EXHAUST FAN
- 8230001C OFF-GAS EXHAUST PLENUM
- 8230001D OFF-GAS EXHAUST PLENUM

824 WATER TREATMENT BUILDING VENTILATION SYSTEM

- 8240001A WATER TREATMENT BUILDING ROOF EXHAUSTER
- 8240001B WATER TREATMENT BUILDING ROOF EXHAUSTER

825 CONDENSATE FILTRATION SYSTEM

- 8250001 CONDENSATE FILTER PREDDAT TANK ABANDONED IN PLACE

826 CONDENSATE FILTER HOLDING PUMP

- 8260001A CONDENSATE FILTER
- 8260001B CONDENSATE FILTER
- 8260001C CONDENSATE FILTER
- 8260001D CONDENSATE FILTER
- 8260001E CONDENSATE FILTER
- 8260001F CONDENSATE FILTER
- 8260001G CONDENSATE FILTER
- 8260001H CONDENSATE FILTER
- 8260002 CONDENSATE FILTER PREDDAT TANK ABANDONED IN PLACE
- 8260003 CONDENSATE FILTER PREDDAT DUST COLLECTOR ABANDONED IN PLACE
- 8260004 CONDENSATE FILTER PREDDAT DUST COLLECTOR ABANDONED IN PLACE

827 PUMP ROOM COOLING SYSTEM

- 8270001A IRR A AIR HANDLING UNIT
- 8270001B IRR B AIR HANDLING UNIT
- 8270001C IRR C AIR HANDLING UNIT
- 8270001D IRR C AIR HANDLING UNIT
- 8270001E IRR C AIR HANDLING UNIT
- 8270001F IRR C AIR HANDLING UNIT
- 8270001G IRR C AIR HANDLING UNIT
- 8270001H IRR C AIR HANDLING UNIT
- 8270001I IRR C AIR HANDLING UNIT
- 8270001J IRR C AIR HANDLING UNIT

828 FUEL HANDLING BUILDING VENTILATION SYSTEM

- 8280001 SUPPLY FAN
- 8280002 SUPPLY FAN
- 8280003 SUPPLY FAN
- 8280004 EXHAUST FAN
- 8280005 EXHAUST FAN
- 8280006 EXHAUST FAN
- 8280007 EXHAUST PLENUM
- 8280008 EXHAUST PLENUM
- 8280009 EXHAUST PLENUM
- 8280010 EXHAUST PLENUM

829 HEATER BAY VENTILATION SYSTEM

- 8290001 SUPPLY FAN
- 8290002 SUPPLY FAN

830 DIESEL GENERATOR BUILDING VENTILATION SYSTEM

- 8300001 VENTILATION FAN
- 8300002 VENTILATION FAN
- 8300003 VENTILATION FAN
- 8300004 VENTILATION FAN
- 8300005 VENTILATION FAN
- 8300006 VENTILATION FAN

831 HIGH PRESSURE HEATER DRAIN AND VENT SYSTEM

- 8310001A MOISTURE SEPARATOR DRAIN TANK
- 8310001B MOISTURE SEPARATOR DRAIN TANK
- 8310002 MOISTURE SEPARATOR FIRST STAGE REHEAT DRAIN TANK
- 8310003 MOISTURE SEPARATOR FIRST STAGE REHEAT DRAIN TANK
- 8310004 MOISTURE SEPARATOR SECOND STAGE REHEAT DRAIN TANK
- 8310005 MOISTURE SEPARATOR SECOND STAGE REHEAT DRAIN TANK
- 8310006 MOISTURE SEPARATOR DRAIN TANK
- 8310007 MOISTURE SEPARATOR DRAIN TANK
- 8310008 MOISTURE SEPARATOR FIRST STAGE REHEAT DRAIN TANK
- 8310009 MOISTURE SEPARATOR SECOND STAGE REHEAT DRAIN TANK
- 8310010 MOISTURE SEPARATOR SECOND STAGE REHEAT DRAIN TANK
- 8310011 MOISTURE SEPARATOR REHEATER
- 8310012 MOISTURE SEPARATOR REHEATER
- 8310013 MOISTURE SEPARATOR REHEATER
- 8310014 MOISTURE SEPARATOR REHEATER

832 CIRCULATING WATER PUMP HOUSE VENTILATION SYSTEM

- 8320001A ROOF EXHAUSTER
- 8320001B ROOF EXHAUSTER
- 8320001C ROOF EXHAUSTER

827 FEEDWATER SYSTEM

- 8270001 REACTOR FEED PUMP SEAL LEAK-OFF DRAIN TANK
- 8270002 INTERMEDIATE PRESSURE FEEDWATER HEATER 1A
- 8270003 INTERMEDIATE PRESSURE FEEDWATER HEATER 1B
- 8270004 HIGH PRESSURE FEEDWATER HEATER 1A
- 8270005 HIGH PRESSURE FEEDWATER HEATER 1B
- 8270006 HEATER 1A DRAIN COOLER
- 8270007 HEATER 1B DRAIN COOLER
- 8270008 FEEDWATER BOOSTER PUMP
- 8270009 FEEDWATER BOOSTER PUMP
- 8270010 FEEDWATER BOOSTER PUMP
- 8270011 FEEDWATER BOOSTER PUMP
- 8270012 MOTOR DRIVEN FEEDWATER PUMP
- 8270013 MOTOR DRIVEN FEEDWATER PUMP DRIVE TURBINE
- 8270014 MOTOR DRIVEN FEEDWATER PUMP
- 8270015 MOTOR DRIVEN FEEDWATER PUMP LINE OIL CONSOLE
- 8270016 SEAL WATER TEMPERATURE CONTROL PANEL
- 8270017 SEAL WATER TEMPERATURE CONTROL PANEL

828 TURBINE SYSTEM

- 8280001 MAIN TURBINE

829 TURBINE CONTROL SYSTEM

- 8290001 HYDRAULIC FLUID POWER UNIT

830 STEAM SEAL SYSTEM

- 8300001 STEAM PACKING EXHAUSTER
- 8300002 STEAM SEAL EVAPORATOR

831 LUBE OIL SYSTEM

- 8310001 TURBINE LUBE OIL TANK
- 8310002 TURBINE LUBE OIL PURIFIER
- 8310003 FEEDWATER TURBINE LUBE OIL PURIFIER
- 8310004 FEEDWATER TURBINE LUBE OIL PURIFIER

832 GENERATOR SYSTEM

- 8320001 GENERATOR
- 8320002 GENERATOR NEUTRAL GROUNDING TRANSFORMER
- 8320003 EXCITATION CIRCUIT

833 GENERATOR STATOR COOLING SYSTEM

- 8330001 GENERATOR STATOR COOLING UNIT

834 CONDENSER AND AUXILIARIES SYSTEM

- 8340001A MAIN CONDENSER
- 8340001B MAIN CONDENSER
- 8340001C MAIN CONDENSER
- 8340002A AUXILIARY CONDENSER
- 8340002B AUXILIARY CONDENSER

835 CONDENSER AIR REMOVAL SYSTEM

- 8350001A CONDENSER VACUUM PUMP
- 8350001B CONDENSER VACUUM PUMP
- 8350002A STEAM JET AIR EJECTOR
- 8350002B STEAM JET AIR EJECTOR

836 OFF-GAS SYSTEM

- 8360001 OFF-GAS CHARCOAL VAULT REFRIGERATION EXPANSION TANK
- 8360002 OFF-GAS PREHEATER
- 8360003 OFF-GAS CONDENSER
- 8360004 OFF-GAS COOLER CONDENSER
- 8360005 OFF-GAS COOLER CONDENSER
- 8360006 OFF-GAS COOLER
- 8360007 OFF-GAS COOLER
- 8360008 OFF-GAS VAULT REFRIGERATION AIR HANDLING UNIT
- 8360009 OFF-GAS VAULT REFRIGERATION AIR HANDLING UNIT
- 8360010 OFF-GAS VAULT REFRIGERATION AIR HANDLING UNIT
- 8360011 OFF-GAS VAULT REFRIGERATION AIR HANDLING UNIT
- 8360012 OFF-GAS VAULT REFRIGERATION AIR HANDLING UNIT
- 8360013 OFF-GAS VAULT REFRIGERATION AIR HANDLING UNIT
- 8360014 OFF-GAS VAULT REFRIGERATION AIR HANDLING UNIT
- 8360015 OFF-GAS VAULT REFRIGERATION AIR HANDLING UNIT
- 8360016 OFF-GAS VAULT REFRIGERATION AIR HANDLING UNIT
- 8360017 OFF-GAS VAULT REFRIGERATION AIR HANDLING UNIT
- 8360018 OFF-GAS VAULT REFRIGERATION AIR HANDLING UNIT
- 8360019 OFF-GAS VAULT REFRIGERATION AIR HANDLING UNIT
- 8360020 OFF-GAS VAULT REFRIGERATION AIR HANDLING UNIT
- 8360021 OFF-GAS VAULT REFRIGERATION AIR HANDLING UNIT
- 8360022 OFF-GAS VAULT REFRIGERATION AIR HANDLING UNIT
- 8360023 OFF-GAS VAULT REFRIGERATION AIR HANDLING UNIT
- 8360024 OFF-GAS VAULT REFRIGERATION AIR HANDLING UNIT
- 8360025 OFF-GAS VAULT REFRIGERATION AIR HANDLING UNIT
- 8360026 OFF-GAS VAULT REFRIGERATION AIR HANDLING UNIT
- 8360027 OFF-GAS VAULT REFRIGERATION AIR HANDLING UNIT
- 8360028 OFF-GAS VAULT REFRIGERATION AIR HANDLING UNIT
- 8360029 OFF-GAS VAULT REFRIGERATION AIR HANDLING UNIT
- 8360030 OFF-GAS VAULT REFRIGERATION AIR HANDLING UNIT
- 8360031 OFF-GAS VAULT REFRIGERATION AIR HANDLING UNIT
- 8360032 OFF-GAS VAULT REFRIGERATION AIR HANDLING UNIT
- 836003



Removed in Accordance with RIS 2015-17

PERRY NUCLEAR POWER PLANT  
10 CENTER RD., PERRY, OHIO 44081

FINAL PLANT LAYOUT,  
PLOT PLAN, PLANT AREA  
FIGURE 1.2-2  
(DWG. E-036-0022-00000)

Removed in Accordance with RIS 2015-17

PERRY NUCLEAR POWER PLANT  
10 CENTER RD., PERRY, OHIO 44081

FINAL PLANT LAYOUT, PLAN A ABOVE  
ELEVS. 568'-6", 574'-10", 577'-6"  
AND 580'-6", PLANT COMPLEX  
FIGURE 1.2-3  
(DWG. E-013-0003-00000)

Removed in Accordance with RIS 2015-17

PERRY NUCLEAR POWER PLANT  
10 CENTER RD., PERRY, OHIO 44081

FINAL PLANT LAYOUT, PLAN B ABOVE  
ELEVS. 593'-6", 599'-0", 600'-6",  
602'-6", AND 605'-6", PLANT COMPLEX  
FIGURE 1.2-4  
(DWG. E-013-0004-00000)

Removed in Accordance with RIS 2015-17

PERRY NUCLEAR POWER PLANT  
10 CENTER RD., PERRY, OHIO 44081

FINAL PLANT LAYOUT, PLAN C ABOVE  
ELEVS. 620'-6", 623'-6" AND  
624'-6", PLANT COMPLEX  
FIGURE 1.2-5  
(DWG. E-013-0005-00000)

FIGURE REDACTED PER RIS 2015-17

PERRY NUCLEAR POWER PLANT  
10 CENTER RD., PERRY, OHIO 44081

FINAL PLANT LAYOUT, PLAN D  
ABOVE ELEVS. 638'-6", 642'-0"  
AND 647'-6", PLANT COMPLEX  
FIGURE 1.2-6  
(DWG. E-013-0006-00000)

Removed in Accordance with RIS 2015-17

PERRY NUCLEAR POWER PLANT  
10 CENTER RD., PERRY, OHIO 44081

PLANT LAYOUT PLAN E ABOVE  
ELEVS. 652'-0" AND EL. 654'-6",  
PLANT COMPLEX  
FIGURE 1.2-7  
(DWG. E-013-0007-00000)

Removed in Accordance with RIS 2015-17

PERRY NUCLEAR POWER PLANT  
10 CENTER RD., PERRY, OHIO 44081

FINAL PLANT LAYOUT, PLAN F ABOVE  
ELEVS. 664'-7", 665'-0", AND  
670'-6", PLANT COMPLEX  
FIGURE 1.2-8  
(DWG. E-013-0008-00000)

Removed in Accordance with RIS 2015-17

PERRY NUCLEAR POWER PLANT  
10 CENTER RD., PERRY, OHIO 44081

FINAL PLANT LAYOUT, PLAN G ABOVE  
ELEVS. 689'-6", PLANT COMPLEX  
FIGURE 1.2-9  
(DWG. E-013-0009-00000)

Removed in Accordance with RIS 2015-17

PERRY NUCLEAR POWER PLANT  
10 CENTER RD., PERRY, OHIO 44081

FINAL PLANT LAYOUT,  
PLAN H ROOF PLAN  
FIGURE 1.2-10  
(DWG. E-013-0010-00000)

Removed in Accordance with RIS 2015-17

PERRY NUCLEAR POWER PLANT  
10 CENTER RD., PERRY, OHIO 44081

FINAL PLANT LAYOUT,  
SECTION A-A  
FIGURE 1.2-11  
(DWG. E-013-0011-00000)

Removed in Accordance with RIS 2015-17

PERRY NUCLEAR POWER PLANT  
10 CENTER RD., PERRY, OHIO 44081

FINAL PLANT LAYOUT,  
SECTION B-B  
FIGURE 1.2-12  
(DWG. E-013-0012-00000)

Removed in Accordance with RIS 2015-17

PERRY NUCLEAR POWER PLANT  
10 CENTER RD., PERRY, OHIO 44081

FINAL PLANT LAYOUT,  
SECTION C-C  
FIGURE 1.2-13  
(DWG. E-013-0013-00000)

Removed in Accordance with RIS 2015-17

PERRY NUCLEAR POWER PLANT  
10 CENTER RD., PERRY, OHIO 44081

FINAL PLANT LAYOUT, CIRCULATING  
WATER PUMPHOUSE, PLANS AND ELEVATIONS  
FIGURE 1.2-14 (SHEET 1 OF 2)  
(DWG. E-015-0016-00000)

Removed in Accordance with RIS 2015-17

PERRY NUCLEAR POWER PLANT  
10 CENTER RD., PERRY, OHIO 44081

FINAL PLANT LAYOUT, CIRCULATING  
WATER PUMPHOUSE, PLANS AND ELEVATIONS  
FIGURE 1.2-14 (SHEET 2 OF 2)  
(DWG. E-015-0017-00000)

Removed in Accordance with RIS 2015-17

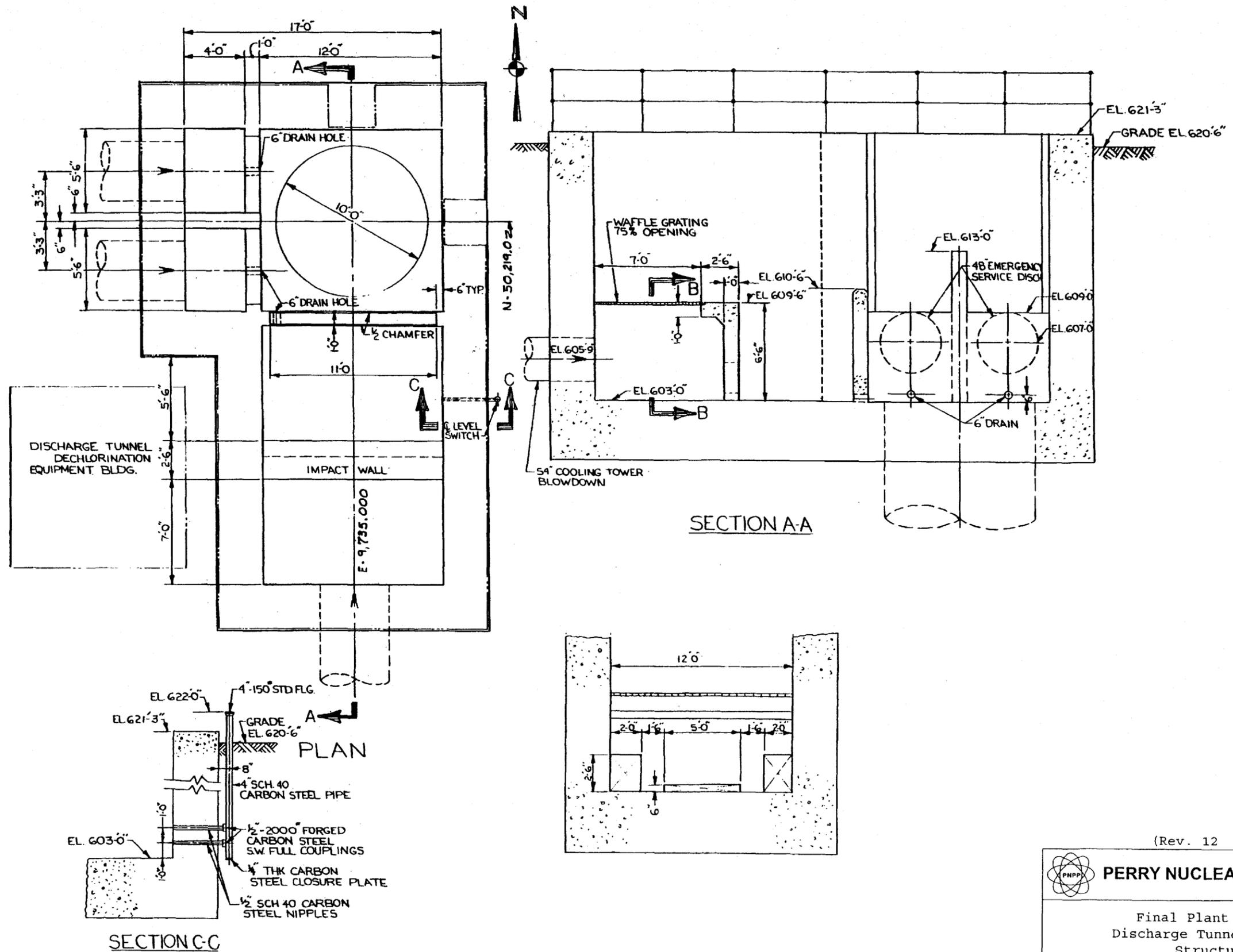
PERRY NUCLEAR POWER PLANT  
10 CENTER RD., PERRY, OHIO 44081

FINAL PLANT LAYOUT,  
SERVICE WATER PUMPHOUSE  
FIGURE 1.2-15  
(DWG. E-015-0015-00000)

Removed in Accordance with RIS 2015-17

PERRY NUCLEAR POWER PLANT  
10 CENTER RD., PERRY, OHIO 44081

FINAL PLANT LAYOUT,  
EMERGENCY SERVICE WATER  
PUMPHOUSE PLANS AND ELEVATIONS  
FIGURE 1.2-16  
(DWG. E-015-0002-00000)

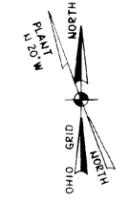
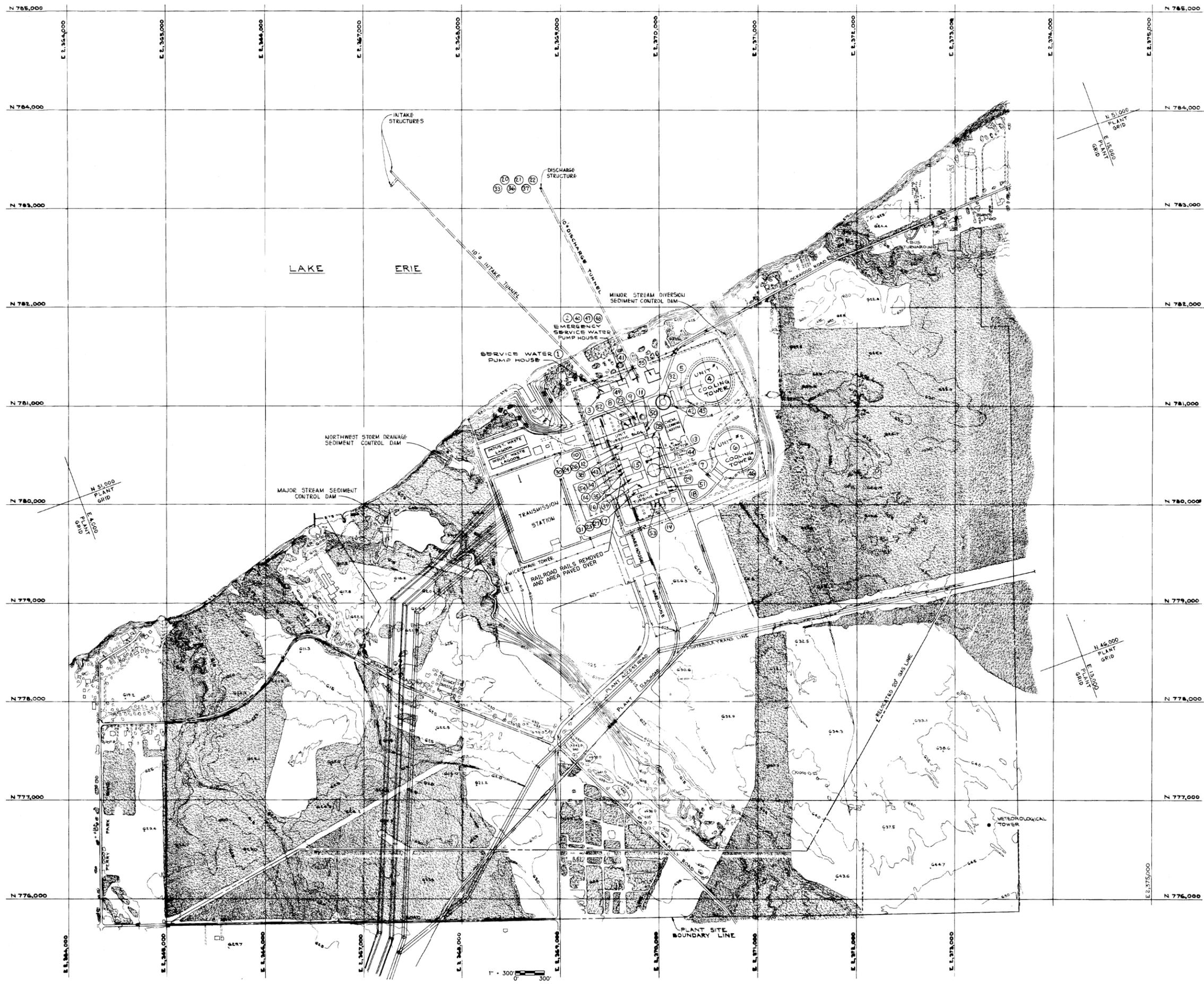


(Rev. 12 1/03)

**PERRY NUCLEAR POWER PLANT**

Final Plant Layout,  
 Discharge Tunnel Entrance  
 Structures

Figure 1.2-17  
 (Dwg. B-015-003)



ITEM NO.	DESCRIPTION	RELEASE ELEVATION
1.	CONSTRUCTION SANITARY SEWAGE EFFLUENT	570'-0"
2.	EMERGENCY SERVICE WATER PUMP HOUSE VENT. EXHAUST	630'-0"
3.	SERVICE WATER PUMP HOUSE VENT. EXHAUST	620'-0"
4.	COOLING TOWER AIR OUTLET - UNIT 1	1130'-0"
5.	CIRCULATING WATER PUMP HOUSE VENT. EXHAUST - UNIT 1	880'-0"
6.	COOLING TOWER AIR OUTLET - UNIT 2	1130'-0"
7.	CIRCULATING WATER PUMP HOUSE VENT. EXHAUST - UNIT 2	880'-0"
8.	TURBINE BUILDING AND HEATER BAY EXHAUST - UNIT 1	722'-0"
9.	AUXILIARY BOILER BUILDING VENT. EXHAUST	647'-0"
10.	WATER TREATMENT BUILDING VENT. EXHAUST	643'-0" & 660'-3"
11.	LUBE OIL STORAGE AREA VENT. EXHAUST - UNIT 1	630'-0"
12.	OFF-GAS AND TURBINE BUILDINGS VENT EXHAUST - UNIT 1	723'-0"
13.	PLANT VENT. - UNIT 1 AND UNIT 2	753'-0"
14.	DIESEL GENERATORS BUILDING VENT. EXHAUST	638'-11"
15.	CONTROL COMPLEX VENT. EXHAUST	637'-4"
16.	SERVICE BUILDING VENT. EXHAUST	671'-5"
17.	OFF-GAS AND TURBINE BUILDINGS VENT EXHAUST - UNIT 2	723'-0"
18.	LUBE OIL STORAGE AREA VENT. EXHAUST - UNIT 2	630'-0"
19.	TURBINE BUILDING AND HEATER BAY EXHAUST - UNIT 2	722'-0"
20.	COOLING TOWER BLOWDOWN	554'-4"
21.	SERVICE WATER DISCHARGE	554'-4"
22.	EMERGENCY SERVICE WATER DISCHARGE	554'-4"
23.	AUXILIARY BOILER FLUE GAS VENT. EXHAUST (2)	721'-0"
24.	START-UP CONDENSER EVACUATION EXHAUST - UNIT 1	723'-0"
25.	START-UP CONDENSER EVACUATION EXHAUST - UNIT 2	723'-0"
26.	OFF-GAS RELEASE - UNIT 1	723'-0"
27.	OFF-GAS RELEASE - UNIT 2	723'-0"
28.	EMERGENCY SERVICE WATER OVERFLOW - UNIT 1	623'-0"
29.	EMERGENCY SERVICE WATER OVERFLOW - UNIT 2	623'-0"
30.	STEAM PACKING EXHAUST DISCHARGE - UNIT 1	723'-0"
31.	STEAM PACKING EXHAUST DISCHARGE - UNIT 2	723'-0"
32.	FUEL OIL STORAGE TANK VENT	180'-0"
33.	LIQUID RADWASTE DISCHARGE	554'-4"
34.	EMERGENCY DIESEL GENERATOR FUEL OIL TANK VENTS (12)	650'-0" & 643'-0"
35.	EMERGENCY DIESEL GENERATORS COMBUSTION EXHAUST GASES (8)	657'-0"
36.	CHEMICAL CLEANING TREATED WASTE	554'-4"
37.	SANITARY SEWAGE EFFLUENT	554'-4"
38.	TURBINE POWER COMPLEX BATTERY ROOM EXHAUST - UNIT 1	657'-4"
39.	TURBINE POWER COMPLEX BATTERY ROOM EXHAUST - UNIT 2	657'-4"
40.	DIESEL DRIVEN FIRE PUMP AREA EXHAUST	620'-0"
41.	DISCHARGE TUNNEL DECONTAMINATION EQUIPMENT BUILDING EXHAUST	634'-2"
42.	FUEL OIL PUMP HOUSE VENT. EXHAUST	637'-0"
43.	RADWASTE BUILDING CEMENT STORAGE AREA VENT. EXHAUST	656'-0"
44.	HYPOCHLORITE GENERATION BUILDING AREA VENT. EXHAUST	634'-2"
45.	COOLING TOWER ACID ADDITION STORAGE BUILDING VENT. EXHAUST - UNIT 1	630'-0"
46.	COOLING TOWER ACID ADDITION STORAGE BUILDING VENT. EXHAUST - UNIT 2	630'-0"
47.	DIESEL DRIVEN FIRE PUMP ENGINE EXHAUST	628'-0"
48.	DIESEL DRIVEN FIRE PUMP FUEL OIL TANK VENT	635'-0"
49.	AUXILIARY BOILER SAFETY VALVE ESCAPES, AUXILIARY BOILER GENERATING HEATER ESCAPE AND VENT AND AUXILIARY BOILER BLOWDOWN TANK VENT	650'-0"
50.	MAIN TURBINE LUBE OIL RESERVOIR VENT - UNIT 1	1181'-0"
51.	MAIN TURBINE LUBE OIL RESERVOIR VENT - UNIT 2	1181'-0"
52.	MAIN FEEDWATER PUMP TURBINE OIL RESERVOIR VENT - UNIT 1 (2)	683'-11"
53.	MAIN FEEDWATER PUMP TURBINE OIL RESERVOIR VENT - UNIT 2 (2)	683'-11"
54.	EMERGENCY DIESEL GENERATOR LUBE OIL SUMP AND CRANKCASE VENTS(8)	650'-0"
55.	LOW LEVEL RADWASTE STORAGE AND PROCESSING FACILITY VENT EXHAUST	650'-0"

NOTES: 1. COORDINATES SHOWN ON THIS DRAWING ARE BASED ON THE OHIO STATE COORDINATE SYSTEM.  
 2. REACTOR COORDINATES:  

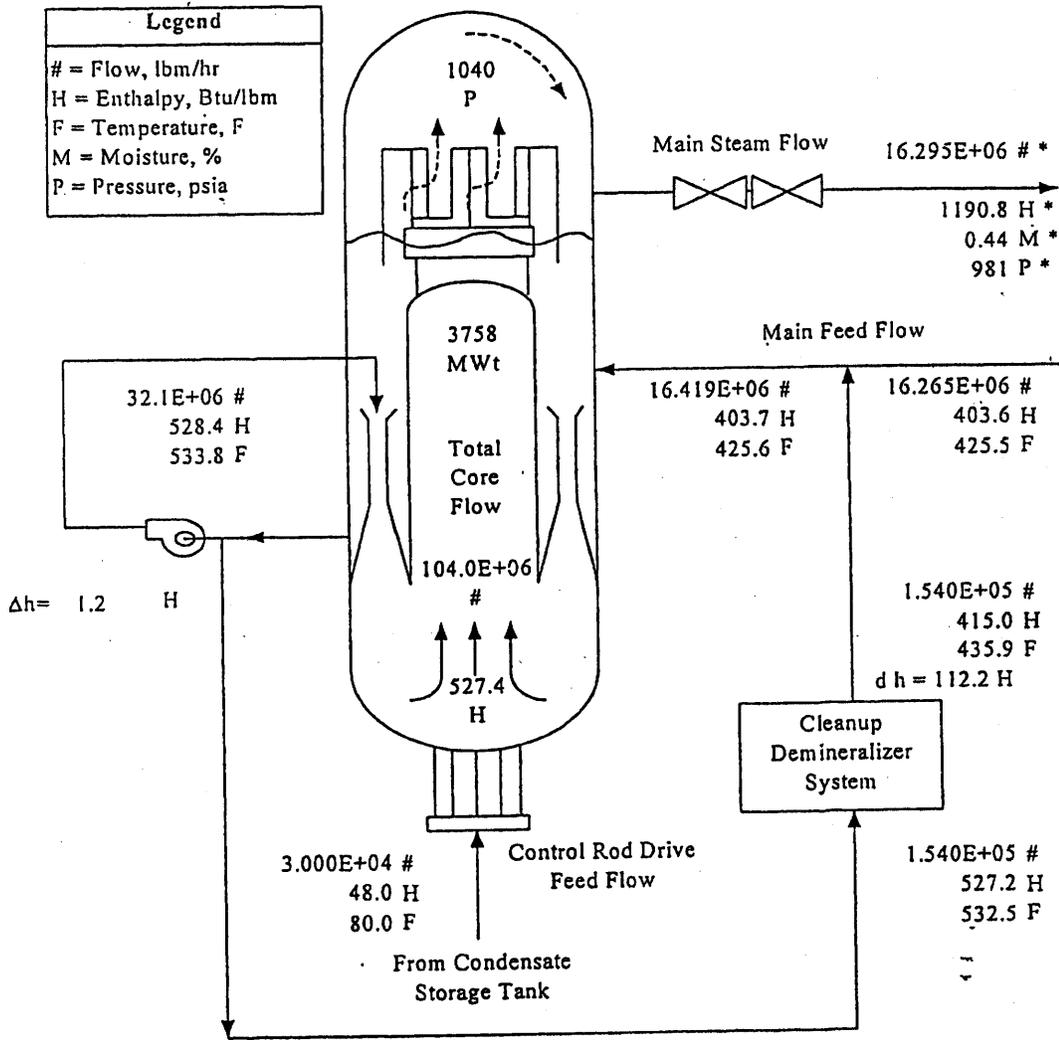
	OHIO GRID	PLANT GRID
UNIT 1	N780,545 E2,389,875	N49,466 E9,570
UNIT 2	N780,346,735 E2,389,947,166	N49,255 E9,570

 3. ALL BACKGROUND CONTOURS SUPPLIED BY AERIAL SURVEYS, INC.

(REV. 21 10/2019)

**PERRY NUCLEAR POWER PLANT**  
 10 CENTER RD., PERRY, OHIO 44081

FINAL PLANT LAYOUT,  
 PLOT PLAN RELEASE POINT DESIGNATION  
 FIGURE 1.2-18  
 (DWG. D-036-0011-00000)



\* Conditions at upstream side of TSV

Core Thermal Power	3758.0
Pump Heating	10.7
Cleanup Losses	-5.1
Other System Losses	-1.1
<b>Turbine Cycle Use</b>	<b>3762.5 MWt</b>

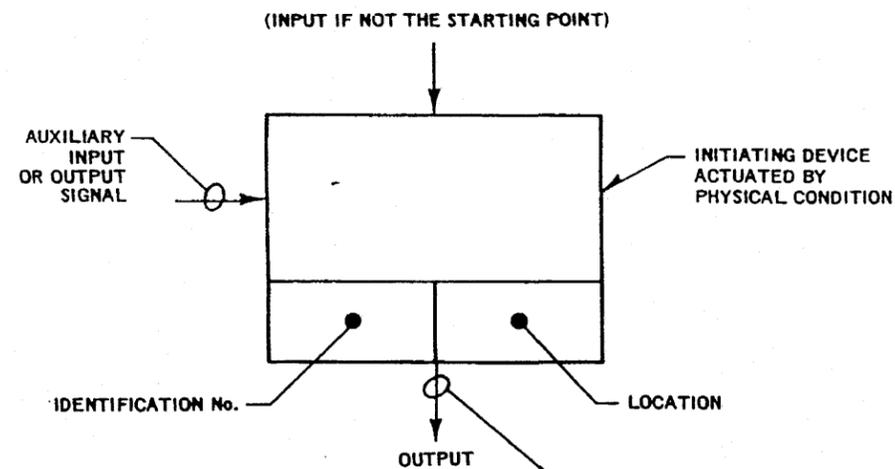
(Rev. 12 1/03)

## PERRY NUCLEAR POWER PLANT

Heat Balance at Rated Power

Figure 1.2-19

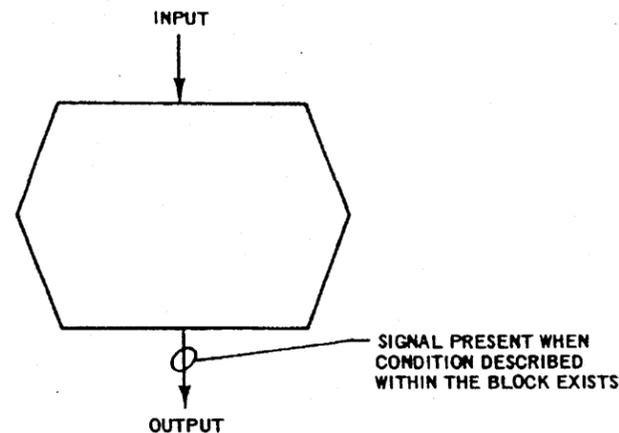




**COMMAND BLOCK**

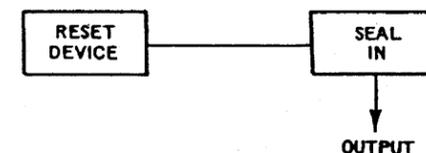
THIS BLOCK CAN REPRESENT A SWITCH, VALVE, PROBE, TIMER OR TRIP CIRCUIT. IT IS NORMALLY THE STARTING POINT OF A FUNCTIONAL SEQUENCE WITH AN OUTPUT ONLY, BUT CAN HAVE INPUT AND AUX. INPUT DEPENDING ON THE TYPE OF DEVICE. THE SAME DEVICE MAY HAVE A NUMBER OF OUTPUTS, BUT EACH FUNCTIONAL SEQUENCE INITIATED SHALL BE SHOWN BY AN INDIVIDUAL BLOCK SHOWING THE SAME IDENTIFICATION NUMBER

SIGNAL IS PRESENT WHEN CONDITION IS DESCRIBED WITHIN THE BLOCK EXISTS



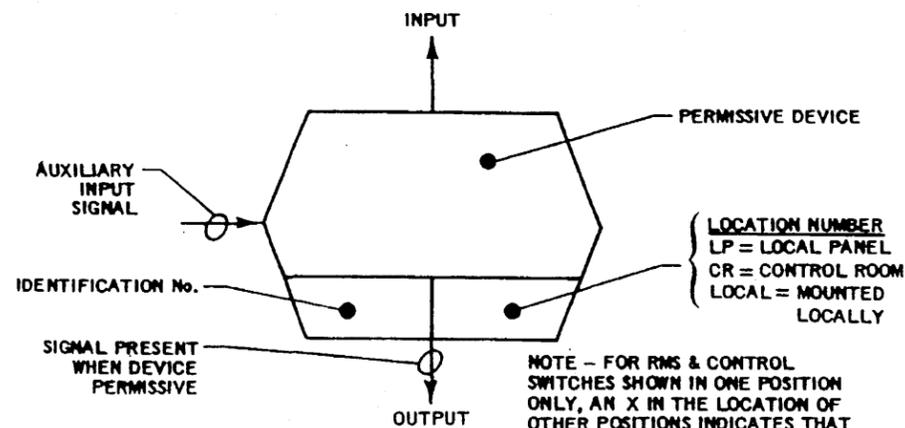
**PERMISSIVE E CONDITION BLOCK**

WHERE THE PERMISSIVE IS A GENERAL CONDITION AND NOT IDENTIFIED WITH A SINGLE DEVICE THE OUTPUTS ENCLOSURE ONLY IS SHOWN.



**SEAL-IN BLOCK**

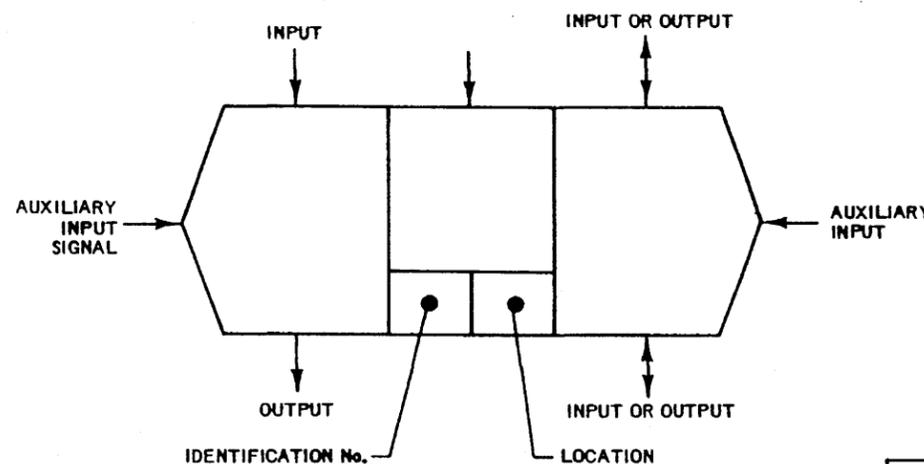
A SEAL-IN OR LATCHING BLOCK'S FUNCTION IS TO MAINTAIN AN INPUT SIGNAL TO A DEVICE ONCE THE DEVICE HAS BEEN ACTUATED. RESETTING OR INHIBITING A SEAL-IN MAY BE EITHER EXPRESSED OR IMPLIED. IF IMPLIED, THE SEAL-IN WILL BE RESET OR INHIBITED BY INTERRUPTING THE SIGNAL TO THE DEVICE DOWNSTREAM FROM THE POINT WHERE SEAL-IN IS INDICATED. A SEAL-IN SHOWN WITHOUT A RESET DEVICE IMPLIES THAT THE RESET DEVICE IS PART OF, AND LOCATED ON THE NEAREST VALVE OR CONTACTOR. IN ALL OTHER CASES THE RESET DEVICE SHALL BE SHOWN IN CONJUNCTION WITH THE SEAL-IN.



**PERMISSIVE DEVICE BLOCK**

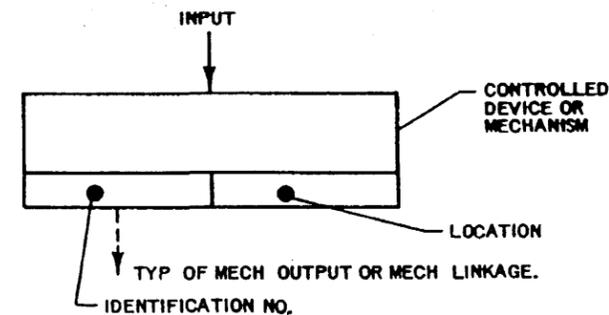
THIS BLOCK DEFINES A PERMISSIVE FUNCTION WHICH MUST BE SATISFIED TO PERMIT THE SIGNAL FLOW TO PASS TO THE NEXT BLOCK. THIS BLOCK HAS INCOMING, OUTGOING AND MAY HAVE AUXILIARY SIGNALS. THE OUTPUT FROM THIS PERMISSIVE MAY BE SEALED IN

NOTE - FOR RMS & CONTROL SWITCHES SHOWN IN ONE POSITION ONLY, AN X IN THE LOCATION OF OTHER POSITIONS INDICATES THAT THEIR BLOCKS ARE AN INTRICATE PART OF THE NUMBERED SWITCH ASSEMBLY, BUT A DIFFERENT POSITION OF THE SWITCH HANDLE



**PERMISSIVE OPERATED BY OTHER DEVICES BLOCK**

THIS BLOCK IS A PERMISSIVE OPERATED BY DEVICES SUCH AS VALVE OR PUMP SWITCHGEAR DESIGNATED IN THE INNER BLOCK. THIS COND OR DEVICE EFFECTS THE OPERATION OF THE FINAL DEVICE. IT HAS ELECT INPUTS, MECH INPUTS, AUX INPUTS (MECH OR ELEC) AND MECH OR ELECT OUTPUTS. THIS DEVICE IS NORMALLY A VALVE. THIS IS ALSO USED FOR OTHER INPUT/OUTPUT POWER SOURCES SUCH AS AIR OR HYDRAULIC. A SOLENOID PILOT VALVE FOR AN AIR OPERATED VALVE IS AN EXAMPLE OF THIS TYPE DEVICE.

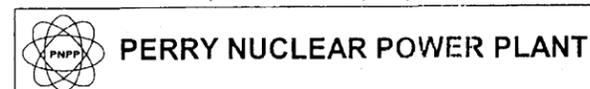


**FINAL DEVICE BLOCK**

THIS BLOCK CAN BE A RELAY, VALVE, ELECTRO-MECH SW. ETC. NORMALLY IT HAS ONLY INPUTS, BUT CAN HAVE MECH OUTPUTS OR POSITION SWITCH OUTPUTS.

LINES ASSOCIATED WITH LOGIC SYMBOLS	
	ELECT FLOW SIGNAL
	AUXILIARY SIGNAL SOURCE SUCH AS AIR OR HYDRAULIC
	MECHANICAL LINKAGE

(Rev. 12 1/03)



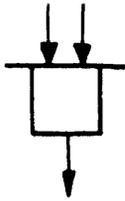
NSSS (GE) Logic Symbols Used on Functional Control Diagrams

Figure 1.2-21



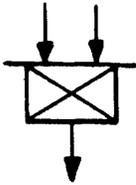
**SYMBOL**

**FUNCTION**



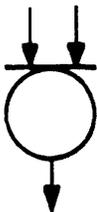
**AND:**

A FUNCTION WHICH PRODUCES AN OUTPUT ONLY WHEN EVERY INPUT EXISTS.



**NOT:**

A FUNCTION WHICH PRODUCES AN OUTPUT IF ANY OF THE INPUTS DOES NOT EXIST.



**OR:**

A FUNCTION WHICH PRODUCES AN OUTPUT IF ANY ONE OF ITS INPUTS EXIST.



**TIME DELAY**

A FUNCTION WHICH PRODUCES AN OUTPUT FOLLOWING A TIME DELAY AFTER RECEIVING AN INPUT.



**ADJUSTABLE TIME DELAY**

A FUNCTION WHOSE OUTPUT IS DE-ENERGIZED FOLLOWING A TIME DELAY AFTER ITS INPUT IS DE-ENERGIZED.



**LOGIC INFORMATION TRANSMISSION**



**ANALOG INFORMATION TRANSMISSION**

(Rev. 12 1/03)

**LOGIC SYMBOLS**



**PERRY NUCLEAR POWER PLANT**

AE (GAI) Logic Symbols Used on Functional Diagrams

Figure 1.2-23