



INDIANA AND MICHIGAN POWER
D. C. COOK NUCLEAR PLANT
UPDATED FINAL SAFETY ANALYSIS REPORT

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Equipment Required to Shutdown Reactor (Unit 1)
(for High Energy Pipe Ruptures Outside the Containment)

<u>Equipment ID</u>	<u>Equipment Description</u>	<u>System</u>	<u>Building</u>	<u>Elev</u>	<u>Room</u>	<u>Rm #</u>
1-QT-106-CD1	CD Emergency Diesel Fuel Oil Transfer Pump #1	Diesel Fuel Oil	Auxiliary	587	CD EDG Fuel Oil Transfer Pump Room	125
1-QT-106-CD2	CD Emergency Diesel Fuel Oil Transfer Pump #2	Diesel Fuel Oil	Auxiliary	587	CD EDG Fuel Oil Transfer Pump Room	125
1-QT-106-AB1	AB Emergency Diesel Fuel Oil Transfer Pump #1	Diesel Fuel Oil	Auxiliary	587	AB EDG Fuel Oil Transfer Pump Room	126
1-QT-106-AB2	AB Emergency Diesel Fuel Oil Transfer Pump #2	Diesel Fuel Oil	Auxiliary	587	AB EDG Fuel Oil Transfer Pump Room	126
1-HE-63N	Control Room Air Conditioning North Liquid Chiller HV-ACR-1 Evaporator	Control Room Ventilation	Auxiliary	650	Control Room A/C Room	129
1-HE-63S	Control Room Air Conditioning South Liquid Chiller HV-ACR-2 Evaporator	Control Room Ventilation	Auxiliary	650	Control Room A/C Room	129
1-HE-64N	Control Room Air Conditioning North Liquid Chiller HV-ACR-1 Condenser	Control Room Ventilation	Auxiliary	650	Control Room A/C Room	129



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1-HE-64S	Control Room Air Conditioning South Liquid Chiller HV-ACR-2 Condenser	Control Room Ventilation	Auxiliary	650	Control Room A/C Room	129
1-HV-ACR-1	Control Room Air Conditioning System Liquid Chiller Package (North)	Control Room Ventilation	Auxiliary	650	Control Room A/C Room	129
1-HV-ACR-2	Control Room Air Conditioning System Liquid Chiller Package (South)	Control Room Ventilation	Auxiliary	650	Control Room A/C Room	129
1-HV-ACRA-1	Control Room Air Conditioning System Air Handling Package (North)	Control Room Ventilation	Auxiliary	650	Control Room A/C Room	129
1-HV-ACRA-2	Control Room Air Conditioning System Air Handling Package (South)	Control Room Ventilation	Auxiliary	650	Control Room A/C Room	129
1-HV-ACR-DA-1	Outside Air to Control Room Ventilation Units HV-ACRA-1 and HV-ACRA-2 Vent Damper	Control Room Ventilation	Auxiliary	650	Control Room A/C Room	129
1-HV-ACR-DA-2	Control Room Ventilation Outside Air Intake Damper	Control Room Ventilation	Auxiliary	650	Control Room A/C Room	129
1-HV-ACR-DA-3	Control Room Ventilation Return Air Damper	Control Room Ventilation	Auxiliary	650	Control Room A/C Room	129
1-HV-ACRF-1	Control Room Pressurizer/Cleanup Filter Supply Fan (East)	Control Room Ventilation	Auxiliary	650	Control Room A/C Room	129



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1-HV-ACRF-2	Control Room Pressurizer/Cleanup Filter Supply Fan (West)	Control Room Ventilation	Auxiliary	650	Control Room A/C Room	129
1-PP-82N	Control Room Air Conditioning North Chill Water Circulation Pump	Control Room Ventilation	Auxiliary	650	Control Room A/C Room	129
1-PP-82S	Control Room Air Conditioning South Chill Water Circulation Pump	Control Room Ventilation	Auxiliary	650	Control Room A/C Room	129
1-TK-76N	Control Room Air Conditioning North Chill Water Expansion Tank	Control Room Ventilation	Auxiliary	650	Control Room A/C Room	129
1-TK-76S	Control Room Air Conditioning South Chill Water Expansion Tank	Control Room Ventilation	Auxiliary	650	Control Room A/C Room	129
1-VRV-315	Control Room Ventilation Unit HV-ACRA-1 Chilled Water Inlet/Bypass Valve	Control Room Ventilation	Auxiliary	650	Control Room A/C Room	129
1-VRV-325	Control Room Ventilation Unit HV-ACRA-2 Chilled Water Inlet/Bypass Valve	Control Room Ventilation	Auxiliary	650	Control Room A/C Room	129
1-WRV-711-1N	ESW from CRAC N Lqd Chiller 1-HV-ACR-1 Cndsr Wtr Reg Vlv (CKT 1)	Essential Service Water	Auxiliary	650	Control Room A/C Room	129



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1-WRV-711-2N	ESW from CRAC N Lqd Chiller 1-HV-ACR-1 Cndsr Wtr Reg Vlv (CKT 2)	Essential Service Water	Auxiliary	650	Control Room A/C Room	129
1-WRV-712-1S	ESW from CRAC S Lqd Chiller 1-HV-ACR-2 Cndsr Wtr Reg Vlv (Ckt 1)	Essential Service Water	Auxiliary	650	Control Room A/C Room	129
1-WRV-712-2S	ESW from CRAC S Lqd Chiller 1-HV-ACR-2 Cndsr Wtr Reg Vlv (Ckt 2)	Essential Service Water	Auxiliary	650	Control Room A/C Room	129
1-XSO-315	Control Room Venilation Unit HV-ACRA-1 Chilled Water Inlet/Bypass Valve VRV-315 Control Solenoid	Control Air	Auxiliary	650	Control Room A/C Room	129
1-XSO-325	Control Room Venilation Unit HV-ACRA-2 Chilled Water Inlet/Bypass Valve VRV-325 Control Solenoid	Control Air	Auxiliary	650	Control Room A/C Room	129
1-WFA-701	East Essential Service Water Supply Header Flow Transmitter	Essential Service Water	Turbine	569	ESW Pipe Tunnel	131
1-WFA-705	West Essential Service Water Supply Header Flow Transmitter	Essential Service Water	Turbine	569	ESW Pipe Tunnel	131



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1-WMO-705	West Essential Service Water Supply Header Crosstie to Unit 2 Motor Operated Shutoff Valve	Essential Service Water	Turbine	569	ESW Pipe Tunnel	131
1-WMO-707	East Essential Service Water Supply Header Crosstie to Unit 2 Motor Operated Shutoff Valve	Essential Service Water	Turbine	569	ESW Pipe Tunnel	131
1-WPI-705	West Essential Service Water Supply Header Pressure Indicator Transmitter	Essential Service Water	Turbine	569	ESW Pipe Tunnel	131
1-WPI-707	East Essential Service Water Supply Header Pressure Indicator Transmitter	Essential Service Water	Turbine	569	ESW Pipe Tunnel	131
1-WPS-701	East Essential Service Water Supply Header Pressure Switch	Essential Service Water	Turbine	569	ESW Pipe Tunnel	131
1-WPS-705	West Essential Service Water Supply Header Pressure Switch	Essential Service Water	Turbine	569	ESW Pipe Tunnel	131



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12-HV-ESW-7	Unit 1 East Essential Service Water Pump Room Supply Ventilation Fan	Esw Ventilation	Screenhouse	591	East ESW Pump Room	135
12-HV-ESW-8	Unit 1 East Essential Service Water Pump Room Supply Ventilation Fan	Esw Ventilation	Screenhouse	591	East ESW Pump Room	135
1-OME-34E	East Essential Service Water Pump PP-7E Duplex Strainer	Essential Service Water	Screenhouse	591	East ESW Pump Room	135
1-PP-7E	East Essential Service Water Pump	Essential Service Water	Screenhouse	591	East ESW Pump Room	135
1-VTS-706	Unit 1 West Essential Service Water Pump Room Temperature Switch	Esw Ventilation	Screenhouse	591	East ESW Pump Room	135
1-WMO-701	East Essential Service Water Pump PP-7E Discharge Motor Operated Shutoff Valve	Essential Service Water	Screenhouse	591	East ESW Pump Room	135
12-HV-ESW-5	Unit 1 West Essential Service Water Pump Room Supply Ventilation Fan	Esw Ventilation	Screenhouse	591	West ESW Pump Room	136
12-HV-ESW-6	Unit 1 West Essential Service Water Pump Room Supply Ventilation Fan	Esw Ventilation	Screenhouse	591	West ESW Pump Room	136
1-OME-34W	West Essential Service Water Pump PP-7W Duplex Strainer	Essential Service Water	Screenhouse	591	West ESW Pump Room	136



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1-PP-7W	West Essential Service Water Pump	Essential Service Water	Screenhouse	591	West ESW Pump Room	136
1-VTS-708	Unit 1 East Essential Service Water Pump Room Temperature Switch	Esw Ventilation	Screenhouse	591	West ESW Pump Room	136
1-WMO-702	West Essential Service Water Pump PP-7W Discharge Motor Operated Shutoff Valve	Essential Service Water	Screenhouse	591	West ESW Pump Room	136
1-HV-SGRS-2	4KV Room AB 4KV Switchgear Area Ventilation Supply Fan	Elec. Swgr. Ventilation	Auxiliary	609	4KV Room - AB 4KV Switchgear Area	140
1-HV-SGRX-2	4KV Room AB 4KV Switchgear Area Ventilation Exhaust Fan	Elec. Swgr. Ventilation	Auxiliary	609	4KV Room - AB 4KV Switchgear Area	140
1-T11A	4KV Bus T11A Switchgear	4160VAC	Auxiliary	609	4KV Room - AB 4KV Switchgear Area	140
1-T11A1	South Safety Injection Pump PP-26S Supply Breaker	4160VAC	Auxiliary	609	4KV Room - AB 4KV Switchgear Area	140



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1-T11A10	Transformer TR11A to 600VAC Bus 11A Supply Breaker	4160VAC	Auxiliary	609	4KV Room - AB 4KV Switchgear Area	140
1-T11A11	AB Emergency Diesel Generator to 4KV Bus T11A Supply Breaker	4160VAC	Auxiliary	609	4KV Room - AB 4KV Switchgear Area	140
1-T11A12	Circuit Breaker From 69KV to Bus T11A	4160VAC	Auxiliary	609	4KV Room - AB 4KV Switchgear Area	140
1-T11A2	West Motor Driven Aux Feedwater Pump PP-3W Supply Breaker	4160VAC	Auxiliary	609	4KV Room - AB 4KV Switchgear Area	140
1-T11A4	West Residual Heat Removal Pump PP-35W Supply Breaker	4160VAC	Auxiliary	609	4KV Room - AB 4KV Switchgear Area	140
1-T11A5	West Essential Service Water Pump PP-7W Supply Breaker	4160VAC	Auxiliary	609	4KV Room - AB 4KV Switchgear Area	140



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1-T11A7	West Component Cooling Water Pump PP-10W Supply Breaker	4160VAC	Auxiliary	609	4KV Room - AB 4KV Switchgear Area	140
1-T11A8	West Centrifugal Charging Pump PP-50W Supply Breaker	4160VAC	Auxiliary	609	4KV Room - AB 4KV Switchgear Area	140
1-T11A9	4KV Bus 1A to Bus T11A Tie Breaker	4160VAC	Auxiliary	609	4KV Room - AB 4KV Switchgear Area	140
1-T11B	4KV Bus T11B Switchgear	4160VAC	Auxiliary	609	4KV Room - AB 4KV Switchgear Area	140
1-T11B1	4KV Bus 1B to 4KV Bus T11B Tie Breaker	4160VAC	Auxiliary	609	4KV Room - AB 4KV Switchgear Area	140
1-T11B2	Circuit Breaker From 69KV Bus to Bus T11B	4160VAC	Auxiliary	609	4KV Room - AB 4KV Switchgear Area	140



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1-T11B4	AB Emergency Diesel Generator to 4KV Bus T11B Supply Breaker	4160VAC	Auxiliary	609	4KV Room - AB 4KV Switchgear Area	140
1-VTS-802	4KV Room AB 4KV Switchgear Area Ventilation Supply Fan HV-SGRS-2 Thermal Sensor	Elec. Swgr. Ventilation	Auxiliary	609	4KV Room - AB 4KV Switchgear Area	140
1-WMO-721	West Essential Service Water Supply Header to AB Emergency Diesel Heat Exchangers Motor Operated Shutoff Valve	Essential Service Water	Auxiliary	587	AB EDG Room South Pipe Tunnel	170
1-WMO-723	East Essential Service Water Supply Header to AB Emergency Diesel Heat Exchangers Motor Operated Shutoff Valve	Essential Service Water	Auxiliary	587	AB EDG Room South Pipe Tunnel	170
1-WMO-725	East Essential Service Water Supply Header to CD Emergency Diesel Heat Exchangers Motor Operated Shutoff Valve	Essential Service Water	Auxiliary	587	AB EDG Room South Pipe Tunnel	170



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1-WMO-727	West Essential Service Water Supply Header to CD Emergency Diesel Heat Exchangers Motor Operated Shutoff Valve	Essential Service Water	Auxiliary	587	AB EDG Room South Pipe Tunnel	170
1-BATT-AB	Plant Battery AB	250VDC	Auxiliary	609	AB Batt Equip Area	200
1-HV-SGRX-5	AB Battery Equipment Area Battery Room Ventilation Exhaust Fan	Elec. Swgr. Ventilation	Auxiliary	609	AB Batt Equip Area	200
1-MCAB	250VDC Distribution Panel MCAB	250VDC	Auxiliary	609	AB Batt Equip Area	200
1-MDAB	250VDC Distribution Panel MDAB	250VDC	Auxiliary	609	AB Batt Equip Area	200
1-TDAB	250 VDC Train 'B' Transfer Cabinet	250VDC	Auxiliary	609	AB Batt Equip Area	200
1-BATT-CD	Plant Battery CD	250VDC	Auxiliary	626	CD Batt Equip Area	201
1-BATT-CD-SH	Plant Battery BATT-CD Ammeter Shunt Cabinet	250VDC	Auxiliary	626	CD Batt Equip Area	201



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1-BC-CD1	Plant Battery BATT-CD Charger #1	250VDC	Auxiliary	626	CD Batt Equip Area	201
1-BC-CD2	Plant Battery BATT-CD Charger #2	250VDC	Auxiliary	626	CD Batt Equip Area	201
1-BC-CD-SH	Plant Battery Charger Ammeter BC-CD Shunt Cabinet	250VDC	Auxiliary	626	CD Batt Equip Area	201
1-BCTC-CD	Plant Battery Chargers BC-CD1 and BC-CD2 Transfer Switch Cabinet	250VDC	Auxiliary	626	CD Batt Equip Area	201
1-HV-SGRX-6	CD Battery Equipment Area Battery Room Ventilation Exhaust Fan	Elec. Swgr. Ventilation	Auxiliary	626	CD Batt Equip Area	201
1-MCCD	250VDC Distribution Panel MCCD	250VDC	Auxiliary	626	CD Batt Equip Area	201
1-MDCD	250VDC Distribution Panel MDCD	250VDC	Auxiliary	626	CD Batt Equip Area	201
1-TDCD	250 VDC Train 'A' Transfer Cabinet	250VDC	Auxiliary	626	CD Batt Equip Area	201
1-BATT-AB-SH	Plant Battery Batt-AB Ammeter Shunt Cabinet	250VDC	Auxiliary	609	Inverter Area	202



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1-CRID-III-INV	120VAC Control Room Instrumentation Distribution System Channel III Inverter	120VAC Control Room Instrumentation Distr	Auxiliary	609	Inverter Area	202
1-CRID-II-INV	120VAC Control Room Instrument Distribution System Channel II Inverter	120VAC Control Room Instrumentation Distr	Auxiliary	609	Inverter Area	202
1-CRID-I-INV	120VAC Control Room Instrument Distribution System Channel I Inverter	120VAC Control Room Instrumentation Distr	Auxiliary	609	Inverter Area	202
1-VTS-350	Control Rod Drive Equip Room and Inv Area Vent North Supply Fan HV-SGRS-1A Temperature Switch	Elec. Swgr. Ventilation	Auxiliary	609	Inverter Area	202
1-VTS-354	Ctrl Rod Drv Equip Room and Inv Area Vent Outside Air Inlet Damper HV-SGR-MD-2 Temperature Switch	Elec. Swgr. Ventilation	Auxiliary	609	Inverter Area	202



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1-VTS-355	Ctrl Rod Drive Equip Room and Inv Area Vent Recirc Air Inlet Damper HV-SGR-MD-1 Temperature Switch	Elec. Swgr. Ventilation	Auxiliary	609	Inverter Area	202
1-VTS-356	Crđ Equipment Room and Inverter Area Ventilation North Supply Fan HV-SGRS-4A Temp Switch	Elec. Swgr. Ventilation	Auxiliary	609	Inverter Area	202
1-52-BYA	Reactor Rod Control Train 'A' Reactor Trip Bypass Circuit Breaker	Rod Control and Instrumentation	Auxiliary	609	Control Rod Drive Equipment Room	203
1-52-BYB	Reactor Rod Control Train 'B' Reactor Trip Bypass Circuit Breaker	Rod Control and Instrumentation	Auxiliary	609	Control Rod Drive Equipment Room	203
1-52-RTA	Reactor Rod Control Train 'A' Reactor Trip Circuit Breaker	Rod Control and Instrumentation	Auxiliary	609	Control Rod Drive Equipment Room	203



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1-52-RTB	Reactor Rod Control Train 'B' Reactor Trip Circuit Breaker	Rod Control and Instrumentation	Auxiliary	609	Control Rod Drive Equipment Room	203
1-VTS-351	Control Rod Drive Equip Room and Inv Area Vent North Supply Fan HV-SGRS-1A Temperature Switch	Elec. Swgr. Ventilation	Auxiliary	609	Control Rod Drive Equipment Room	203
1-VTS-357	Ctrl Rod Drive Equip Room and Inv Area Ventilation South Supply Fan HV-SGRS-4A Temperature Switch	Elec. Swgr. Ventilation	Auxiliary	609	Control Rod Drive Equipment Room	203
1-11A	600VAC BUS 11A Switchgear	600VAC	Auxiliary	609	4KV Room - 600V Switchgear Area	204
1-11A11	600VAC BUS 11A Supply Breaker	600VAC	Auxiliary	609	4KV Room - 600V Switchgear Area	204



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1-11A2	600VAC MCC AM-A Supply Breaker	600VAC	Auxiliary	609	4KV Room - 600V Switchgear Area	204
1-11A3	600VAC MCC EZC-A Supply Breaker	600VAC	Auxiliary	609	4KV Room - 600V Switchgear Area	204
1-11A5	600VAC MCC ABD-A Supply Breaker	600VAC	Auxiliary	609	4KV Room - 600V Switchgear Area	204
1-11A6	600VAC MCCS AB-A, PS-A, TPP-A, and VCCS ABV-A, AZV-A Supply Breaker	600VAC	Auxiliary	609	4KV Room - 600V Switchgear Area	204
1-11B	600VAC BUS 11B Switchgear	600VAC	Auxiliary	609	4KV Room - 600V Switchgear Area	204
1-11B1	600VAC MCC ABD-B and 1-ELSC Supply Breaker	600VAC	Auxiliary	609	4KV Room - 600V Switchgear Area	204



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1-11B11	600VAC BUS 11B Supply Breaker	600VAC	Auxiliary	609	4KV Room - 600V Switchgear Area	204
1-11B2	600VAC MCC EZC-B Supply Breaker	600VAC	Auxiliary	609	4KV Room - 600V Switchgear Area	204
1-11B4	600VAC MCC 1-AZ-BC Supply Breaker	600VAC	Auxiliary	609	4KV Room - 600V Switchgear Area	204
1-11C	600VAC BUS 11C Switchgear	600VAC	Auxiliary	609	4KV Room – 600V Switchgear Area	204
1-11C1	600V BUS 11C Supply Breaker	600VAC	Auxiliary	609	4KV Room – 600V Switchgear Area	204
1-11C10	600VAC MCC ABD-C and 1-AFW Supply Breaker	600VAC	Auxiliary	609	4KV Room – 600V Switchgear Area	204



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1-11C6	600VAC MCC EZC-C Supply Breaker	600VAC	Auxiliary	609	4KV Room - 600V Switchgear Area	204
1-11D	600VAC BUS 11D Switchgear	600VAC	Auxiliary	609	4KV Room - 600V Switchgear Area	204
1-11D1	600V BUS 11D Supply Breaker	600VAC	Auxiliary	609	4KV Room - 600V Switchgear Area	204
1-11D14	600VAC MCC 1-AB-D, VCC 1-ABV-D, MCC 1-PS-D Supply Breaker	600VAC	Auxiliary	609	4KV Room - 600V Switchgear Area	204
1-11D5	600VAC MCC ABD-D Supply Breaker	600VAC	Auxiliary	609	4KV Room - 600V Switchgear Area	204
1-11D6	600VAC MCC EZC-D Supply Breaker	600VAC	Auxiliary	609	4KV Room - 600V Switchgear Area	204



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1-11D8	600VAC MCC AM-D Supply Breaker	600VAC	Auxiliary	609	4KV Room - 600V Switchgear Area	204
1-CRID-I-CVT	120VAC Control Room Instrument Distribution Channel I Constant Voltage Transformer	120VAC Control Room Instrumentation Distr	Auxiliary	609	4KV Room - 600V Switchgear Area	204
1-CRID-II-CVT	120VAC Control Room Instrument Distribution Channel II Constant Voltage Transformer	120VAC Control Room Instrumentation Distr	Auxiliary	609	4KV Room - 600V Switchgear Area	204
1-CRID-III-CVT	120VAC Control Room Instrument Distribution Channel III Constant Voltage Transformer	120VAC Control Room Instrumentation Distr	Auxiliary	609	4KV Room - 600V Switchgear Area	204
1-CRID-IV-CVT	120VAC Control Room Instrument Distribution Channel IV Constant Voltage Transformer	120VAC Control Room Instrumentation Distr	Auxiliary	609	4KV Room - 600V Switchgear Area	204



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1-HV-SGR-MD-1	Control Rod Drive Equipment Room and Inverter Area Ventilation Recirculating Air Inlet Damper	Elec. Swgr. Ventilation	Auxiliary	609	4KV Room - 600V Switchgear Area	204
1-HV-SGR-MD-2	Control Rod Drive Equipment Room and Inverter Area Ventilation Outside Air Inlet Damper	Elec. Swgr. Ventilation	Auxiliary	609	4KV Room - 600V Switchgear Area	204
1-HV-SGR-MD-3	4KV ROOM 600V Switchgear Transformers TR11A & TR11C Area Ventilation Supply Fan HV-SGRS-8 Suction Damper	Elec. Swgr. Ventilation	Auxiliary	609	4KV Room - 600V Switchgear Area	204
1-HV-SGR-MD-4	4KV ROOM 600V Switchgear Transformers TR11B & TR11D Area Ventilation Supply Fan HV-SGRS-7 Suction Damper	Elec. Swgr. Ventilation	Auxiliary	609	4KV Room - 600V Switchgear Area	204
1-HV-SGRS-1A	Control Rod Drive Equipment Room and Inverter Area Ventilation North Supply Fan	Elec. Swgr. Ventilation	Auxiliary	609	4KV Room - 600V Switchgear Area	204
1-HV-SGRS-4A	Control Rod Drive Equipment Room and Inverter Area Ventilation South Supply Fan	Elec. Swgr. Ventilation	Auxiliary	609	4KV Room - 600V Switchgear Area	204



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1-HV-SGRS-7	4KV ROOM 600 Volt Switchgear Transformers TR11B and TR11D Area Ventilation Supply Fan	Elec. Swgr. Ventilation	Auxiliary	609	4KV Room - 600V Switchgear Area	204
1-HV-SGRS-8	4KV ROOM 600 Volt Switchgear Transformers TR11A and TR11C Area Ventilation Supply Fan	Elec. Swgr. Ventilation	Auxiliary	609	4KV Room - 600v Switchgear Area	204
1-TR11A	600V BUS 11A Supply Transformer	600VAC	Auxiliary	609	4KV Room - 600v Switchgear Area	204
1-TR11B	600V BUS 11B Supply Transformer	600VAC	Auxiliary	609	4KV Room - 600v Switchgear Area	204
1-TR11C	600V BUS 11C Supply Transformer	600VAC	Auxiliary	609	4KV Room - 600v Switchgear Area	204
1-TR11D	600V BUS 11D Supply Transformer	600VAC	Auxiliary	609	4KV Room - 600v Switchgear Area	204



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1-VTS-352	4KV ROOM 600 Volt Switchgear Xfms TR11B and TR11D Area Vent Supply Fan HV-SGRS-7 Temperature Switch	Elec. Swgr. Ventilation	Auxiliary	609	4KV Room - 600v Switchgear Area	204
1-VTS-808	4KV ROOM 600V Swgr Xfmrs TR11A and Tr11c Area Vent Supply Fan HV-SGRS-8 Temp Switch Temp Switch	Elec. Swgr. Ventilation	Auxiliary	609	4KV Room - 600v Switchgear Area	204
1-BC-AB1	Plant Battery Batt-AB Battery Charger #1	250VDC	Auxiliary	613	4KV Room - Mezzanine Area	205
1-BC-AB2	Plant Battery Batt-AB Battery Charger #2	250VDC	Auxiliary	613	4KV Room - Mezzanine Area	205
1-BC-AB-SH	Plant Battery Charger Ammeter BC-AB Shunt Cabinet	250VDC	Auxiliary	613	4KV Room - Mezzanine Area	205
1-BCTC-AB	Plant Battery Chargers BC-AB1 and BC-AB2	250VDC	Auxiliary	613	4KV Room - Mezzanine Area	205
1-EZC-A	600VAC Motor Control Center EZC-A	600VAC	Auxiliary	613	4KV Room - Mezzanine Area	205
1-EZC-B	600VAC Motor Control Center EZC-B	600VAC	Auxiliary	613	4KV Room - Mezzanine Area	205



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1-EZC-C	600VAC Motor Control Center EZC-C	600VAC	Auxiliary	613	4KV Room - Mezzanine Area	205
1-EZC-D	600VAC Motor Control Center EZC-D	600VAC	Auxiliary	613	4KV Room - Mezzanine Area	205
1-HV-SGR-MD-5	600VAC Motor Control Center Mezzanine Area VENTILATION Supply Fan HV-SGRS-9 Vent Damper	Elec. Swgr. Ventilation	Auxiliary	613	4KV Room - Mezzanine Area	205
1-HV-SGRS-9	600VAC Motor Control Center Mezzanine Area Ventilation Supply Fan	Elec. Swgr. Ventilation	Auxiliary	613	4KV Room - Mezzanine Area	205
1-VTS-353	600VAC Motor Control Center Mezzanine Area Vent Supply Fan HV-SGRS-9 Temperature Switch	Elec. Swgr. Ventilation	Auxiliary	613	4KV Room - Mezzanine Area	205