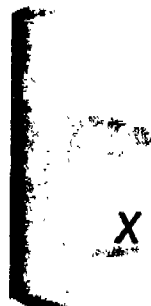


Cardinal

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100 AREA
BI-WEEKLY CHECKLIST

- _____ 1. TEST LEVEL ALARMS ON UNIT-100 HIGH, MEDIUM, AND LOW PRESSURE BOILERS AND DEAERATOR.
- _____ 2. TEST AUTO OPERATION OF UNIT-100 DC SEAL OIL PUMP.
- _____ 3. TEST UNIT-100 GENERATOR LIQUID LEVEL ALARM.
- _____ 4. TEST UNIT-100 STAND-BY VOLTAGE REGULATOR. (6 MONTHS)
- _____ 5. TEST UNIT-100 GAS CONSOLE EXPLOSIMETER ALARM.
- _____ 6. TEST ANNUNCIATOR ALARM PANELS FOR UNIT-100 TURBINE, GENERATOR AND 1000 COOLING TOWER
- _____ 7. TEST FLAME DETECTOR ON UNIT-100 HOT END BEARING.
- _____ 8. TEST UNIT-100 HYDROGEN CONTROL CABINET EXPLOSIMETER ALARM.
- _____ 9. TEST AUTO OPERATION AND ALARMS ON UNIT-100 DC COOLING OIL PUMP, JACKING OIL PUMP, AND AUXILIARY LUBE OIL PUMP.
- _____ 10. TEST EMERGENCY LIGHTS - BUILDINGS 3703 & 3704.
- _____ 11. CHECK OCB-100 AIR COMPRESSOR OPERATION.
- _____ 12. CHECK UNIT-100 INVERTER. (S/S APPROVAL)
- _____ 13. OPERATE GEN-100 NEUTRAL SWITCH.
- _____ 14. PERFORM HYDROGEN LEAK TEST ON GEN-100.
- _____ 15. SPRINKLER SUPERVISORY AIR SUPPLY PRESSURE _____ OZ. (10 OZ. MIN.)
- _____ 16. POSITION OF BLOCK VALVE TO THE SPRINKLER SYSTEM VALVE BOX.
- _____ 17. SWAP CONDENSATE PUMPS 1220 A / B / C ON OR NEAR FIRST OF EACH MONTH.
- _____ 18. FLUSH EACH CONDUCTIVITY LINES ON THE CONDENSATE SYSTEM.
- _____ 19. OPERATE MOV 1250 AND CV 1250 MONTHLY.

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200 AREA
BI-WEEKLY CHECKLIST

- _____ 1. TEST LEVEL ALARMS ON UNIT-200 HIGH, MEDIUM, AND LOW PRESSURE BOILERS AND DEAERATOR.
- _____ 2. TEST AUTO OPERATION OF UNIT-200 DC SEAL OIL PUMP.
- _____ 3. TEST UNIT-200 GENERATOR LIQUID LEVEL ALARM.
- _____ 4. TEST UNIT-200 STAND-BY VOLTAGE REGULATOR. (6 MONTHS)
- _____ 5. TEST UNIT-200 GAS CONSOLE EXPLOSIMETER ALARM.
- _____ 6. TEST ANNUNCIATOR ALARM PANELS FOR UNIT-200 TURBINE, GENERATOR AND 900 COOLING TOWER
- _____ 7. TEST FLAME DETECTOR ON UNIT-200 HOT END BEARING.
- _____ 8. TEST UNIT-200 HYDROGEN CONTROL CABINET EXPLOSIMETER ALARM.
- _____ 9. TEST AUTO OPERATION AND ALARMS ON UNIT-200 DC COOLING OIL PUMP, JACKING OIL PUMP, AND AUXILIARY LUBE OIL PUMP.
- _____ 10. TEST EMERGENCY LIGHTS - BUILDING 3706 AND OUTSIDE.
- _____ 11. CHECK OCB-200 AIR COMPRESSOR OPERATION.
- _____ 12. CHECK UNIT-200 INVERTER. (S/S APPROVAL)
- _____ 13. OPERATE GEN-200 NEUTRAL SWITCH.
- _____ 14. CHECK UNIT-200 CARDLOK.
- _____ 15. PERFORM HYDROGEN LEAK TEST ON GEN-200.
- _____ 16. SPRINKLER SUPERVISORY AIR SUPPLY PRESSURE _____ OZ. (10 OZ. MIN.)
- _____ 17. POSITION OF BLOCK VALVE TO THE SPRINKLER SYSTEM VALVE BOX.
- _____ 18. SWAP CT PUMPS 1000 A/B ON OR NEAR FIRST OF EACH MONTH.
- _____ 19. FLUSH PROCESS WATER BACK-UP UNTIL CLEAR.
- _____ 20. TEST BUILDING 3709 EMERGENCY LIGHTS.

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300 AREA

BI-WEEKLY CHECKLIST

- _____ 1. TEST LEVEL ALARMS ON UNIT-300, HIGH, MEDIUM, AND LOW PRESSURE BOILERS.
- _____ 2. TEST OPERATION OF UNIT-300 DC SEAL OIL PUMP.
- _____ 3. TEST UNIT-300 GENERATOR LIQUID LEVEL ALARM.
- _____ 4. TEST UNIT-300 TURBINE HOUSE EXPLOSIMETER ALARMS.
- _____ 5. TEST UNIT-300 HYDROGEN CONTROL CABINET EXPLOSIMETER ALARM.
- _____ 6. TEST ANNUNCIATOR ALARM PANELS FOR UNIT-300 TURBINE, GENERATOR, AND BOILER.
- _____ 7. TEST UNIT-300 ELECTRICAL ALARM PANEL AND SYNCH BUS ALARM PANEL.
- _____ 8. TEST OPERATION OF UNIT-300 DC LUBE OIL PUMP.
- _____ 9. TEST AUTO OPERATION OF AND SWITCH UNIT-300 LUBE OIL PUMPS.
- _____ 10. TEST EMERGENCY LIGHTS - BUILDING 3707 - 300 ELECTRICAL PACKAGE - 300 MECHANICAL PACKAGE.
- _____ 11. TEST OPERATION OF ALL MOTOR OPERATED VALVES ON UNIT-300 BOILER FREDWATER SYSTEM.
- _____ 12. PERFORM HYDROGEN LEAK TEST ON GENERATOR 300.
- _____ 13. TEST FLAME DETECTOR ON UNIT-300 HOT END BEARING.
- _____ 14. CHECK MECHANICAL PACKAGE AIR FILTER; CHANGE IF NEEDED.
- _____ 15. SWAP EVAPORATIVE COOLER PUMPS.

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400 AREA

BI-WEEKLY CHECKLIST

- _____ 1. TEST LEVEL ALARMS ON UNIT-400, HIGH, MEDIUM, AND LOW PRESSURE BOILERS.
- _____ 2. TEST OPERATION OF UNIT-400 DC SEAL OIL PUMP.
- _____ 3. TEST UNIT-400 GENERATOR LIQUID LEVEL ALARM.
- _____ 4. TEST UNIT-400 TURBINE HOUSE EXPLOSIMETER ALARMS.
- _____ 5. TEST UNIT-400 HYDROGEN CONTROL CABINET EXPLOSIMETER ALARM.
- _____ 6. TEST ANNUNCIATOR ALARM PANELS FOR UNIT-400 TURBINE, GENERATOR, AND BOILER.
- _____ 7. TEST UNIT-400 ELECTRICAL ALARM PANEL AND SYNCH BUS ALARM PANEL.
- _____ 8. TEST OPERATION OF UNIT-400 DC LUBE OIL PUMP.
- _____ 9. TEST AUTO OPERATION OF AND SWITCH UNIT-400 LUBE OIL PUMPS.
- _____ 10. TEST EMERGENCY LIGHTS - BUILDING 3708 -- 400 ELECTRICAL PACKAGE - 400 MECHANICAL PACKAGE.
- _____ 11. TEST OPERATION OF ALL MOTOR OPERATED VALVES IN UNIT-400 BOILER FEEDWATER SYSTEM.
- _____ 12. PERFORM HYDROGEN LEAK TEST ON GENERATOR 400.
- _____ 13. TEST FLAME DETECTOR ON UNIT-400 HOT END BEARING.
- _____ 14. SWAP E-H PUMPS.
- _____ 15. CHECK MECHANICAL PACKAGE AIR FILTERS; CHANGE IF NEEDED.
- _____ 16. SWAP EVAPORATIVE COOLER PUMPS.

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