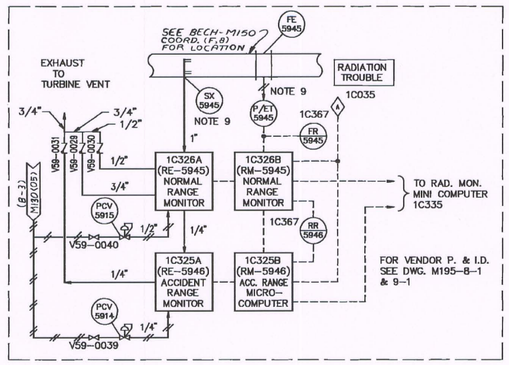
THIS DRAWING IS TO BE USED FOR HVAC ONLY

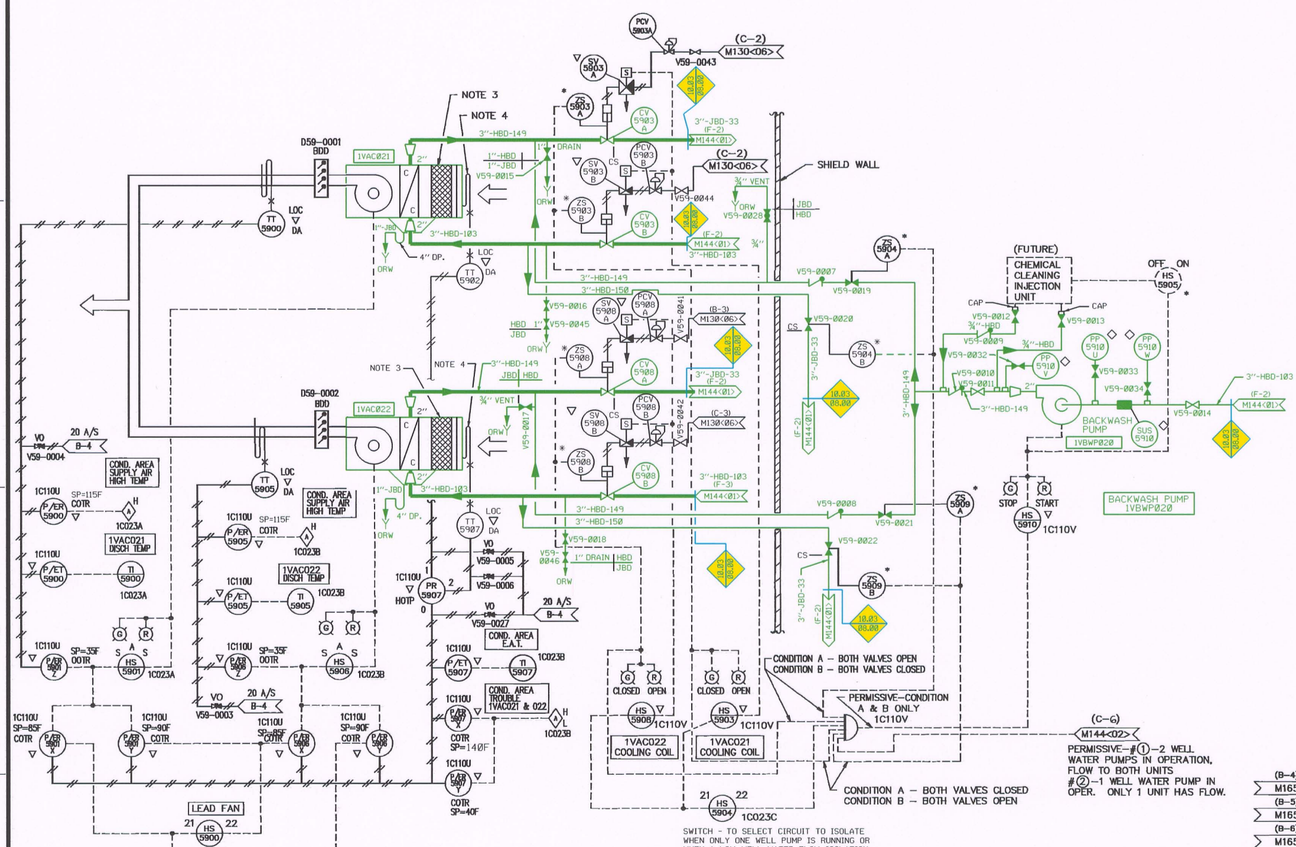
BACKGROUND EQUIPMENT MAY NOT BE CORRECT AS TO LOCATION OR SIZE

## RADIATION MONITOR DETAIL




## 1VAC021 & 022 CONDENSER AREA COOLING UNITS

THIS DETAIL 5900 TO 5910 LAST USED 5910




## VENT. EXHAUST FANS CONTROL SYSTEM PLAN ABOVE EL. 780'–0"

THIS DETAIL 5920 TO 5939
LAST NO. USED 5949

FOR ADDITIONAL TURBINE BUILDING VENTILATION SEE DWG M170

1. 1VSF020 & 021 EMER. DIESEL–GEN. VENT FANS

▲ – NO Q–LISTED ITEMS ON THIS DWG.

NOTES:

1. HANDSWITCH (HS) LEGEND SAS – STOP – AUTO – START
2. REF. TO CONTROLS FOR TURBINE BUILDING SUPPLY FANS. SV6539A-H
3. CONSTRUCTION FILTER SHOWN
4. MOUNT AVERAGING SENSOR ON ¾" REMOVABLE MESH SCREEN IN FRONT OF INTAKE.
5. ▲ – QA & SEISMIC CLASS 1
6. ▽ – CONTROLS SUPPLIED BY HVAC INST. CONT.
7. ◇ – SYMBOL DESIGNATES FIELD PURCHASED ITEMS
8. FOR SYMBOLS & ABBREVIATIONS SEE M179.
9. ISOKINETIC PROBE SX5945 AND FLOW TRANSDUCER. P/ET5945. INSTALLED BY DCR-956B & 994.

D-078

| NO. | DATE | REVISION | DRFTR. | CHK'D. | ENGR. | LEAD |
|---|---|---|---|---|---|---|
| Ø | 9/16/08 | INITIAL RELEASE | KB | JVS | TH | CLB |

ie: Iowa Electric Light & Power Co.
Cedar Rapids, Iowa

DUANE ARNOLD ENERGY CENTER
P. & I.D.
VENTILATION SYSTEMS
TURBINE BUILDING

Scale: NONE | Dwg. No. BECH-M159-LR | Rev. Ø

BASE P&ID REV 28

LR NOTES:

1. ALL EXPOSED DRAIN PIPING AND FUNNELS ARE IN SCOPE FOR LICENSE RENEWAL.
2. FIRE DAMPERS (FD) ARE EVALUATED IN FIRE PROTECTION.

LR LEGEND:

- COMPONENTS IN SCOPE PER 10CFR54.4(a)(1) AND/OR (a)(3) AND SUBJECT TO AMR PER 54.21
- COMPONENTS NOT SUBJECT TO AMR
- COMPONENTS IN SCOPE PER 10CFR54.4(a)(2) AND SUBJECT TO AMR PER 54.21
- SYSTEM BOUNDARY INTERFACE
  - Ø8.Ø WELL WATER
  - 1Ø.Ø3 PLANT VENTILATION