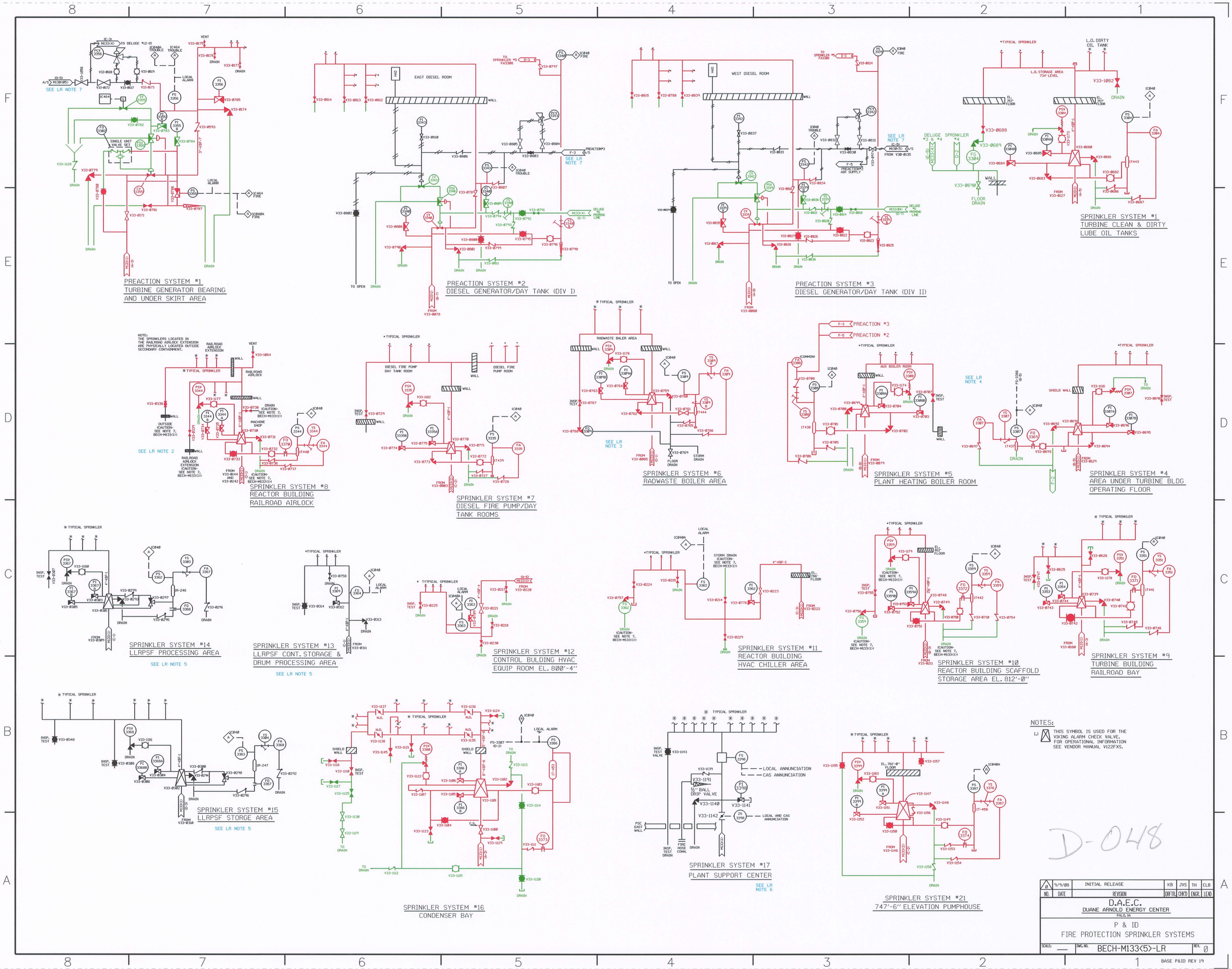
PREACTION SYSTEM #1
TURBINE GENERATOR BEARING
AND UNDER SKIRT AREA
PREACTION SYSTEM #2
DIESEL GENERATOR/DAY TANK (DIV I)
PREACTION SYSTEM #3
DIESEL GENERATOR/DAY TANK (DIV II)
SPRINKLER SYSTEM #1
TURBINE CLEAN & DIRTY
LUBE OIL TANKS
SPRINKLER SYSTEM #8
REACTOR BUILDING
RAILROAD AIRLOCK
SPRINKLER SYSTEM #7
DIESEL FIRE PUMP/DAY
TANK ROOMS
SPRINKLER SYSTEM #6
RADWASTE BOILER AREA
SPRINKLER SYSTEM #5
PLANT HEATING BOILER ROOM
SPRINKLER SYSTEM #4
AREA UNDER TURBINE BLDG
OPERATING FLOOR
SPRINKLER SYSTEM #14
LLRPSF PROCESSING AREA
SEE LR NOTE 5
SPRINKLER SYSTEM #13
LLRPSF CONT. STORAGE &
DRUM PROCESSING AREA
SEE LR NOTE 5
SPRINKLER SYSTEM #12
CONTROL BULDING HVAC
EQUIP ROOM EL. 800'-4"
SPRINKLER SYSTEM #11
REACTOR BUILDING
HVAC CHILLER AREA
SPRINKLER SYSTEM #10
REACTOR BUILDING SCAFFOLD
STORAGE AREA EL. 812'-0"
SPRINKLER SYSTEM #9
TURBINE BUILDING
RAILROAD BAY
SPRINKLER SYSTEM #15
LLRPSF STORGE AREA
SEE LR NOTE 5
SPRINKLER SYSTEM #16
CONDENSER BAY
SPRINKLER SYSTEM #17
PLANT SUPPORT CENTER
SEE LR NOTE 6
SPRINKLER SYSTEM #21
747'-6" ELEVATION PUMPHOUSE
NOTES:
1.) THIS SYMBOL IS USED FOR THE VIKING ALARM CHECK VALVE. FOR OPERATIONAL INFORMATION SEE VENDOR MANUAL V122FXS.
D-048
LR NSAS ANCHOR NOTES:
LR1 NO SEISMIC SUPPORTS ARE PROVIDED.
LR NOTES:
1. ALL EXPOSED DRAIN PIPING AND FUNNELS ARE IN SCOPE FOR LICENSE RENEWAL.
2. SPRINKLER SYSTEM 8 DRAIN LINES THAT ARE LOCATED IN THE REACTOR BUILDING RR AIRLOCK AND OUTSIDE AREAS THAT CANNOT AFFECT SAFETY RELATED EQUIPMENT.
3. SPRINKLER SYSTEM 6 DRAIN LINES IN RADWASTE BUILDING AREA THAT CANNOT AFFECT SAFETY RELATED EQUIPMENT.
4. SPRINKLER SYSTEM 5 DRAIN LINES THAT ARE LOCATED IN THE AUXILIARY BOILER ROOM AREAS THAT CANNOT AFFECT SAFETY RELATED EQUIPMENT.
5. SPRINKLER SYSTEMS 13, 14 AND 15 PROTECT COMPONENT AND STRUCTURE IN THE LLRPSF THAT ARE NOT SAFETY RELATED AND ARE REMOTELY LOCATED FROM SAFETY RELATED EQUIPMENT.
6. SPRINKLER SYSTEM 17 PROTECTS COMPONENTS AND STRUCTURES IN THE PLANT SUPPORT CENTER THAT ARE NOT SAFETY RELATED AND ARE REMOTELY LOCATED FROM SAFETY RELATED EQUIPMENT.
7. THE SUPERVISORY AIR SUPPLY IS NOT REQUIRED FOR PREACTION SYSTEM TO PERFORM ITS INTENDED FIRE PROTECTION FUNCTION.
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
13.01 FIRE PROTECTION
Ø 9/9/88 INITIAL RELEASE KB JVS TH CLB
NO. DATE REVISION DRFTR. CHKD ENGR. LEAD
D.A.E.C.
DUANE ARNOLD ENERGY CENTER
PALO, IA
P & ID
FIRE PROTECTION SPRINKLER SYSTEMS
SCALE: — DWG.NO. BECH-M133(5)-LR REV. Ø
BASE P&ID REV 19