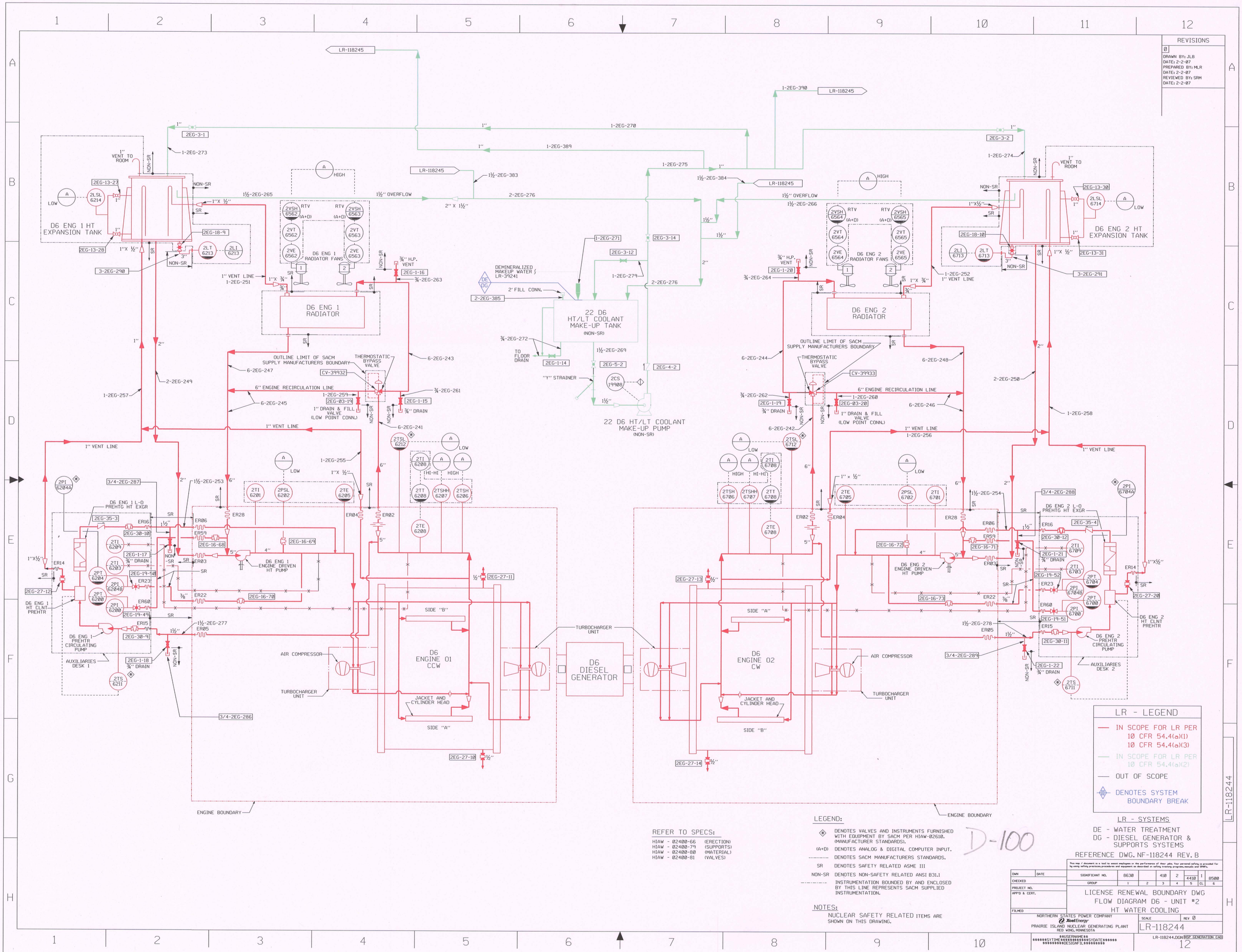
REVISIONS
0
DRAWN BY: JLB
DATE: 2-2-07
PREPARED BY: MLR
DATE: 2-2-07
REVIEWED BY: SRM
DATE: 2-2-07
D6 ENG 1 HT EXPANSION TANK
D6 ENG 2 HT EXPANSION TANK
D6 ENG 1 RADIATOR FANS
D6 ENG 2 RADIATOR FANS
D6 ENG 1 RADIATOR
D6 ENG 2 RADIATOR
22 D6 HT/LT COOLANT MAKE-UP TANK (NON-SR)
22 D6 HT/LT COOLANT MAKE-UP PUMP (NON-SR)
DEMINERALIZED MAKEUP WATER LR-39241
OUTLINE LIMIT OF SACM SUPPLY MANUFACTURERS BOUNDARY
THERMOSTATIC BYPASS VALVE
6" ENGINE RECIRCULATION LINE
1" DRAIN & FILL VALVE (LOW POINT CONN.)
D6 ENG 1 ENGINE DRIVEN HT PUMP
D6 ENG 2 ENGINE DRIVEN HT PUMP
D6 ENG 1 L-O PREHTG HT EXGR
D6 ENG 2 L-O PREHTG HT EXGR
D6 ENG 1 HT CLNT PREHTR
D6 ENG 2 HT CLNT PREHTR
D6 ENG 1 PREHTR CIRCULATING PUMP
D6 ENG 2 PREHTR CIRCULATING PUMP
AUXILIARIES DESK 1
AUXILIARIES DESK 2
D6 ENGINE 01 CCW
D6 ENGINE 02 CW
D6 DIESEL GENERATOR
TURBOCHARGER UNIT
AIR COMPRESSOR
JACKET AND CYLINDER HEAD
SIDE "A"
SIDE "B"
ENGINE BOUNDARY
LR - LEGEND
IN SCOPE FOR LR PER 10 CFR 54.4(a)(1) 10 CFR 54.4(a)(3)
IN SCOPE FOR LR PER 10 CFR 54.4(a)(2)
OUT OF SCOPE
DENOTES SYSTEM BOUNDARY BREAK
LR - SYSTEMS
DE - WATER TREATMENT
DG - DIESEL GENERATOR & SUPPORTS SYSTEMS
REFERENCE DWG. NF-118244 REV. B
REFER TO SPECS:
HIAW - 02400-66 (ERECTION)
HIAW - 02400-79 (SUPPORTS)
HIAW - 02400-80 (MATERIAL)
HIAW - 02400-81 (VALVES)
LEGEND:
DENOTES VALVES AND INSTRUMENTS FURNISHED WITH EQUIPMENT BY SACM PER HIAW-02610. (MANUFACTURER STANDARDS).
(A+D) DENOTES ANALOG & DIGITAL COMPUTER INPUT.
DENOTES SACM MANUFACTURERS STANDARDS.
SR DENOTES SAFETY RELATED ASME III
NON-SR DENOTES NON-SAFETY RELATED ANSI B31.1
INSTRUMENTATION BOUNDED BY AND ENCLOSED BY THIS LINE REPRESENTS SACM SUPPLIED INSTRUMENTATION.
NOTES:
NUCLEAR SAFETY RELATED ITEMS ARE SHOWN ON THIS DRAWING.
D-100
LICENSE RENEWAL BOUNDARY DWG
FLOW DIAGRAM D6 - UNIT #2
HT WATER COOLING
NORTHERN STATES POWER COMPANY
Xcel Energy
PRAIRIE ISLAND NUCLEAR GENERATING PLANT
RED WING, MINNESOTA
SCALE
REV 0
LR-118244
LR-118244.DGN
12
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