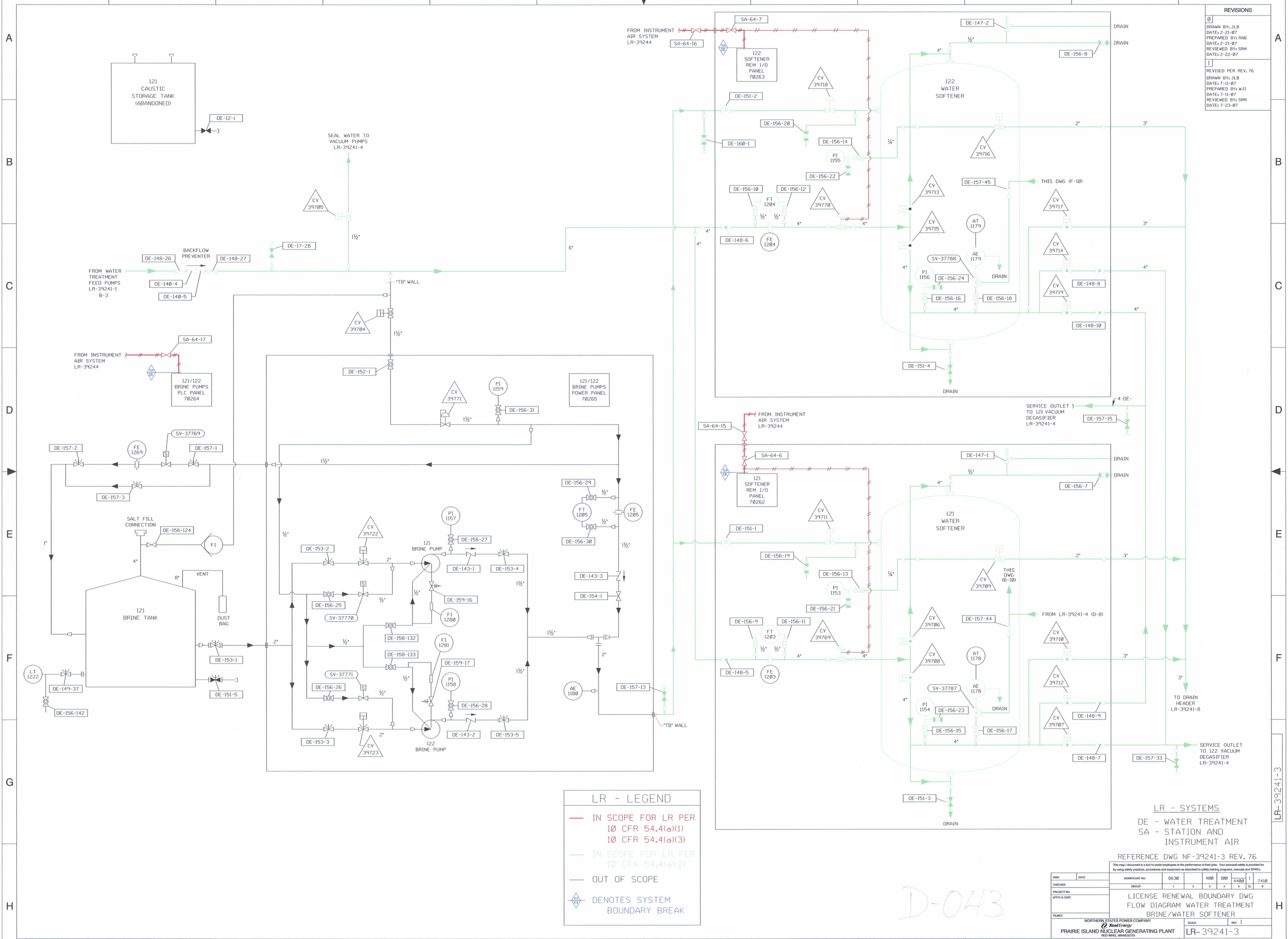
121 CAUSTIC STORAGE TANK (ABANDONED)
DE-12-1
SEAL WATER TO VACUUM PUMPS LR-39241-4
CV 39705
1½"
DE-17-28
6"
BACKFLOW PREVENTER
DE-148-26
DE-148-27
FROM WATER TREATMENT FEED PUMPS LR-39241-1 B-3
DE-140-4
DE-140-5
"TB" WALL
CV 39704
1½"
SA-64-17
FROM INSTRUMENT AIR SYSTEM LR-39244
SA DE
121/122 BRINE PUMPS PLC PANEL 70264
DE-152-1
CV 39771
PI 1159
DE-156-31
121/122 BRINE PUMPS POWER PANEL 70265
SV-37769
DE-157-2
FE 1269
DE-157-1
DE-157-3
SALT FILL CONNECTION
DE-156-124
FI
1"
4"
8"
VENT
121 BRINE TANK
DUST BAG
DE-153-1
DE-151-5
LT 1222
DE-149-37
DE-156-142
2"
DE-153-2
CV 39722
121 BRINE PUMP
PI 1157
DE-156-27
DE-143-1
DE-153-4
DE-156-25
SV-37770
DE-159-16
FI 1280
DE-158-132
FI 1281
DE-158-133
DE-159-17
SV-37771
DE-156-26
PI 1158
DE-156-28
DE-153-3
CV 39723
122 BRINE PUMP
DE-143-2
DE-153-5
DE-156-29
FT 1205
FE 1205
DE-156-30
DE-143-3
DE-154-1
AE 1180
DE-157-13
"TB" WALL
SA-64-7
FROM INSTRUMENT AIR SYSTEM LR-39244
SA-64-16
122 SOFTENER REM I/O PANEL 70263
CV 39718
DE-151-2
DE-156-20
DE-160-1
DE-156-14
PI 1155
DE-156-22
DE-156-10
FT 1204
DE-156-12
CV 39770
DE-148-6
FE 1204
DE-147-2
DRAIN
½"
DE-156-8
122 WATER SOFTENER
CV 39716
DE-157-45
THIS DWG (F-10)
CV 39713
CV 39715
AT 1179
AE 1179
SV-37788
PI 1156
DE-156-24
DE-156-16
DE-156-18
CV 39717
CV 39714
CV 39719
DE-148-8
DE-148-10
DE-151-4
SERVICE OUTLET TO 121 VACUUM DEGASIFIER LR-39241-4
4-DE-
DE-157-15
SA-64-15
SA-64-6
121 SOFTENER REM I/O PANEL 70262
DE-147-1
DE-156-7
121 WATER SOFTENER
CV 39711
DE-151-1
DE-156-19
DE-156-13
PI 1153
DE-156-21
CV 39709
THIS DWG (B-10)
DE-156-9
FT 1203
DE-156-11
CV 39769
DE-157-44
FROM LR-39241-4 (D-8)
CV 39706
CV 39710
CV 39708
AT 1178
AE 1178
SV-37787
PI 1154
DE-156-23
DE-156-15
DE-156-17
CV 39712
CV 39707
DE-148-9
DE-148-7
DE-157-33
TO DRAIN HEADER LR-39241-8
SERVICE OUTLET TO 122 VACUUM DEGASIFIER LR-39241-4
DE-151-3
DE-148-5
FE 1203
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
SA - STATION AND INSTRUMENT AIR
REFERENCE DWG NF-39241-3 REV. 76
D-043
LR-39241-3
REVISIONS
0
DRAWN BY: JLB
DATE: 2-21-07
PREPARED BY: RAB
DATE: 2-21-07
REVIEWED BY: SRM
DATE: 2-22-07
1
REVISED PER REV. 76
DRAWN BY: JLB
DATE: 7-11-07
PREPARED BY: WJI
DATE: 7-11-07
REVIEWED BY: SRM
DATE: 7-23-07
This map / document is a tool to assist employees in the performance of their jobs. Your personal safety is provided for by using safety practices, procedures and equipment as described in safety training programs, manuals and SPAR's.
SIGNIFICANT NO. 8630 400 100 4400 1 7410
GROUP 1 2 3 4 5 CL 6
LICENSE RENEWAL BOUNDARY DWG
FLOW DIAGRAM WATER TREATMENT
BRINE/WATER SOFTENER
NORTHERN STATES POWER COMPANY
Xcel Energy
PRAIRIE ISLAND NUCLEAR GENERATING PLANT
RED WING, MINNESOTA
SCALE
REV 1
LR-39241-3
LR-39241-3.DGN
WSP GENERATION CAD