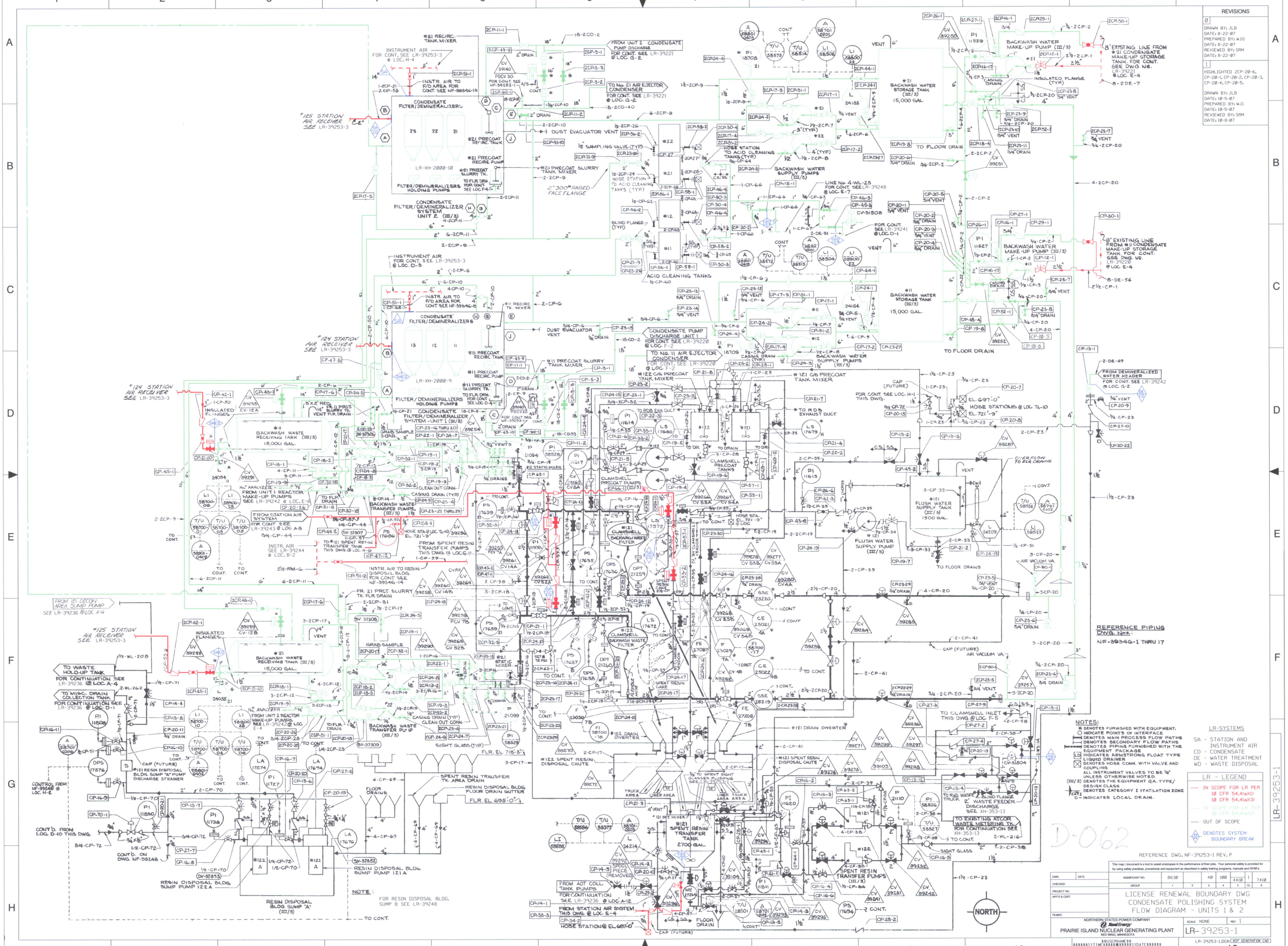
REVISIONS
0
DRAWN BY: JLB
DATE: 8-22-07
PREPARED BY: WJO
DATE: 8-22-07
REVIEWED BY: SRM
DATE: 8-22-07
1
HIGHLIGHTED 2CP-20-6, CP-20-1, CP-20-2, CP-20-3, CP-20-4, CP-20-5.
DRAWN BY: JLB
DATE: 10-5-07
PREPARED BY: WJI
DATE: 10-5-07
REVIEWED BY: SRM
DATE: 10-8-07
CONDENSATE FILTER/DEMINERALIZERS
FILTER/DEMINERALIZERS HOLDING PUMPS
CONDENSATE FILTER/DEMINERALIZER SYSTEM UNIT 2 (III/3)
CONDENSATE FILTER/DEMINERALIZER SYSTEM - UNIT 1 (III/3)
#21 BACKWASH WATER STORAGE TANK (III/3) 15,000 GAL.
#11 BACKWASH WATER STORAGE TANK (III/3) 15,000 GAL.
BACKWASH WATER MAKE-UP PUMP (III/3)
BACKWASH WATER SUPPLY PUMPS (III/3)
#11 BACKWASH WASTE RECEIVING TANK (III/3) 15,000 GAL.
#21 BACKWASH WASTE RECEIVING TANK (III/3) 15,000 GAL.
#121 FLUSH WATER SUPPLY TANK (III/3) 1900 GAL.
#121 SPENT RESIN TRANSFER TANK 2700 GAL.
#121 CLAMSHELL BACKWASH WASTE FILTER
#122 CLAMSHELL BACKWASH WASTE FILTER
ACID CLEANING TANKS
RESIN DISPOSAL BLDG. SUMP "A" (III/3)
RESIN DISPOSAL BLDG. SUMP PUMP 122A
RESIN DISPOSAL BLDG. SUMP PUMP 121A
NOTE: FOR RESIN DISPOSAL BLDG. SUMP B SEE LR-39248
REFERENCE PIPING DWG. Nos.: NF-39346-1 THRU 17
NOTES:
* DENOTES FURNISHED WITH EQUIPMENT.
INDICATE POINTS OF INTERFACE
DENOTES MAIN PROCESS FLOW PATHS
DENOTES SECONDARY FLOW PATHS
DENOTES PIPING FURNISHED WITH THE EQUIPMENT PACKAGE
INDICATES ARMSTRONG FLOAT TYPE LIQUID DRAINER
DENOTES HOSE CONN. WITH VALVE AND COUPLING
ALL INSTRUMENT VALVES TO BE ½" UNLESS OTHERWISE NOTED.
(III/3) DENOTES THE EQUIPMENT Q.A. TYPE/DESIGN CLASS
CAT I DENOTES CATEGORY I VENTILATION ZONE
D - INDICATES LOCAL DRAIN.
LR-SYSTEMS
SA - STATION AND INSTRUMENT AIR
CD - CONDENSATE
DE - WATER TREATMENT
WD - WASTE DISPOSAL
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
REFERENCE DWG. NF-39253-1 REV. P
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.
LICENSE RENEWAL BOUNDARY DWG
CONDENSATE POLISHING SYSTEM
FLOW DIAGRAM - UNITS 1 & 2
NORTHERN STATES POWER COMPANY
Xcel Energy
PRAIRIE ISLAND NUCLEAR GENERATING PLANT
RED WING, MINNESOTA
SCALE NONE
REV 1
LR-39253-1
LR-39253-1.DGN
NORTH
D-062