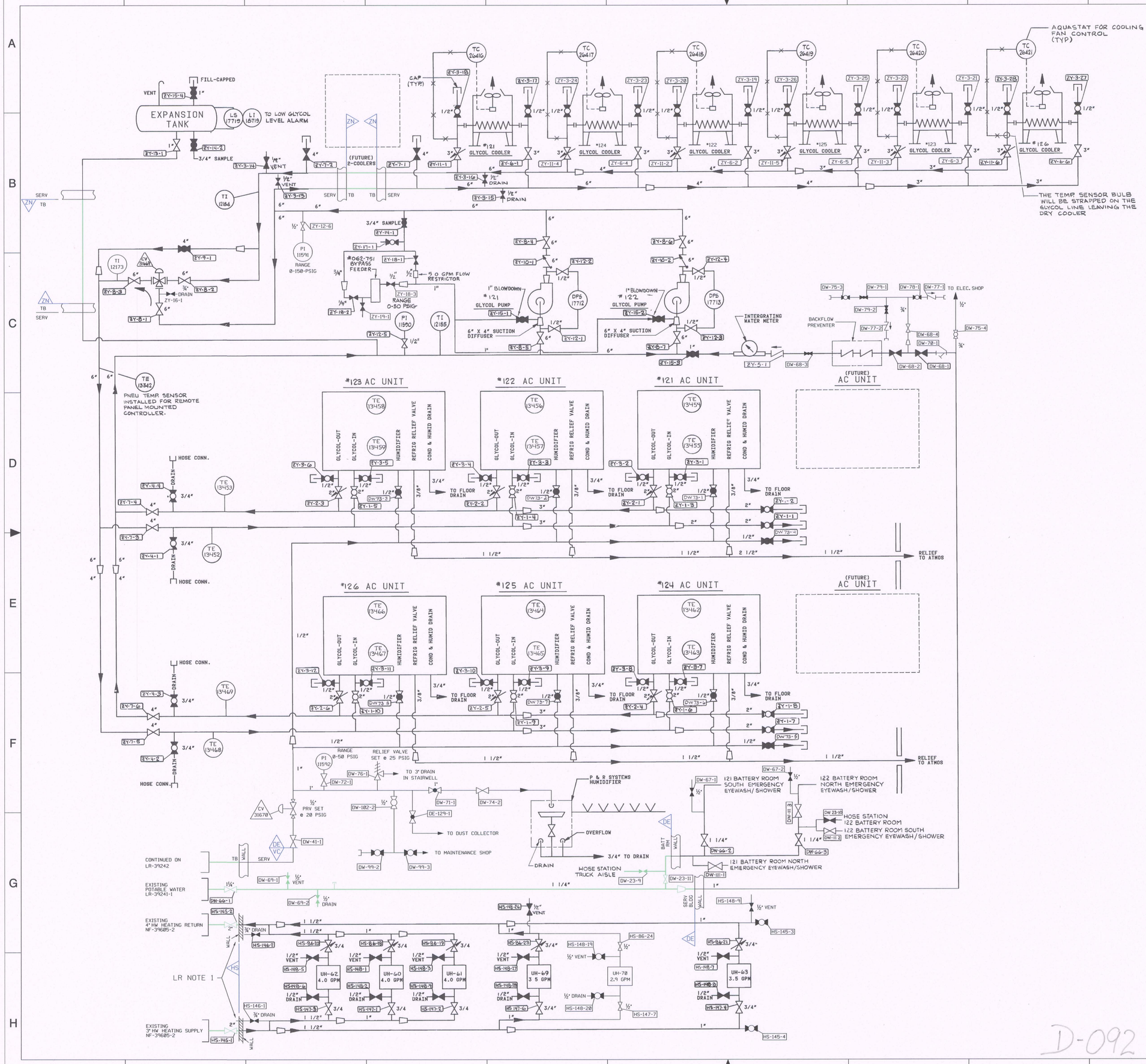

REVISIONS
0
DRAWN BY: JLB DATE: 4-23-07 PREPARED BY: MLR DATE: 4-23-07 REVIEWED BY: SRM DATE: 4-27-07
1
ENLARGED BOUNDARY FLAGS DRAWN BY: JLB DATE: 8-20-07 PREPARED BY: WJI DATE: 8-20-07 REVIEWED BY: SRM DATE: 8-22-07

LEGEND

- GATE VALVE (N.O.)
- GATE VALVE (N.C.)
- GLOBE VALVE (N.O.)
- GLOBE VALVE (N.C.)
- BALL VALVE (N.O.)
- BALL VALVE (N.C.)
- CHECK VALVE
- COMBINATION BALANCING VALVE & SHUTOFF
- CONTROL VALVE (AIR OPERATED)
- SOLENOID OPERATED VALVE
- THREE WAY MIXING VALVE (AIR OPERATED)
- PROPELLER FAN
- CENTRIFUGAL PUMP
- TI — TEMPERATURE INDICATOR
- TC — TEMPERATURE CONTROLLER
- DPS — DIFFERENTIAL PRESSURE SWITCH
- PI — PRESSURE INDICATOR
- LI — LEVEL INDICATOR
- TE — TEMPERATURE ELEMENT
- LS — LEVEL SWITCH

LR NOTE

1. ENDS AS PIPING EXITS WALL

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
- XX/XX DENOTES SYSTEM BOUNDARY BREAK

LR - SYSTEMS

DE - WATER TREATMENT
VC - CHEMICAL AND VOLUME CONTROL
HS - HEATING SYSTEM
ZN - CONTROL ROOM AREA VENTILATION

REFERENCE DWG. NF-93013 REV. R

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 SPWI's.

DWN	DATE	SIGNIFICANT NO.	8630		670	100	4410	2	
CHECKED		GROUP	1	2	3	4	5	OL	6
PROJECT NO.									
APP'D & CERT.									
FILMED									

LICENSE RENEWAL BOUNDARY DWG
SERVICE BUILDING ADDITION
HVAC FLOW DIAGRAM-SHEET 1

NORTHERN STATES POWER COMPANY
Xcel Energy
PRAIRIE ISLAND NUCLEAR GENERATING PLANT
RED WING, MINNESOTA

SCALE NONE | REV 1

LR-93013

$$USERNAME$$
$$$$$$SYSTIME$$$$$$$$$$SYSDATE$$$$$$
$$$$$$$$$$DESIGNFILE$$$$$$$$

LR-93013.DGN [MSP GENERATION CAD]

D-092

LR-93013