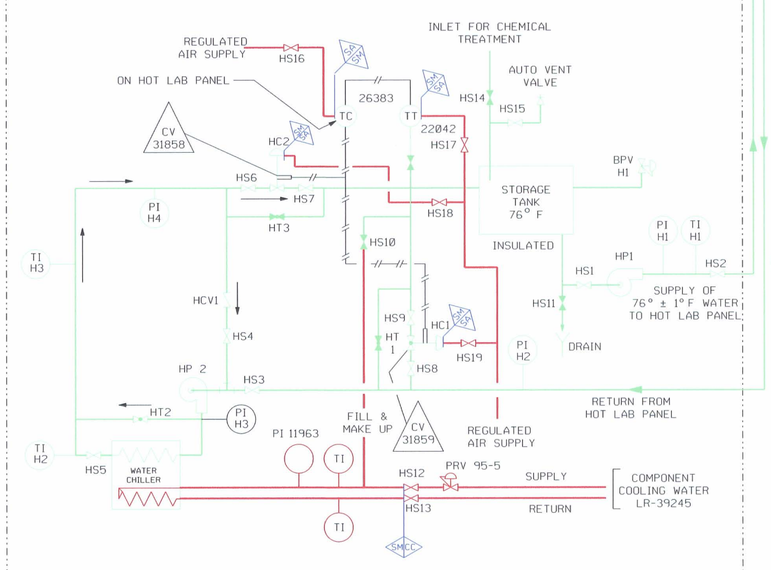
REVISIONS
0 DRAWN BY: JLB DATE: 3-2-07 PREPARED BY: WJO DATE: 3-2-07 REVIEWED BY: SRM DATE: 3-2-07
1 ENLARGED BOUNDARY FLAGS AND HIGHLIGHTED DRAINS (a)(2). DRAWN BY: JLB DATE: 8-29-07 PREPARED BY: WJI DATE: 8-29-07 REVIEWED BY: SRM DATE: 9-14-07

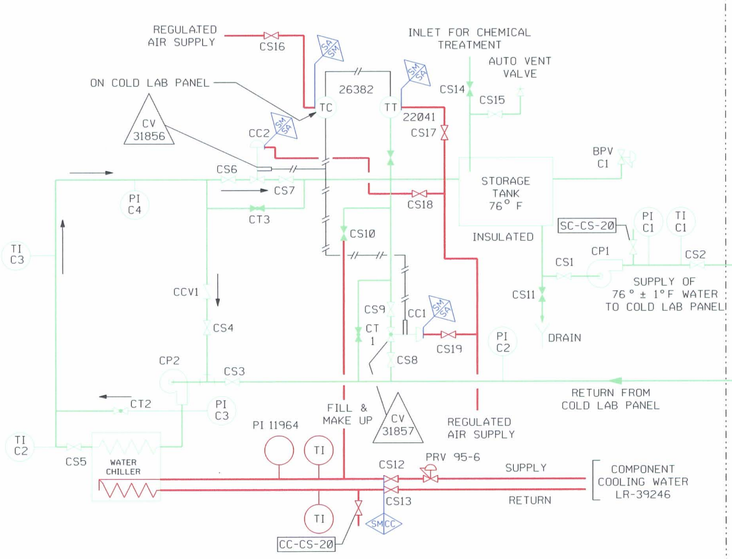
TO/FROM UNIT 1 COOLER LR-XH-248-1-1

TO/FROM UNIT 2 COOLER LR-XH-248-1-2

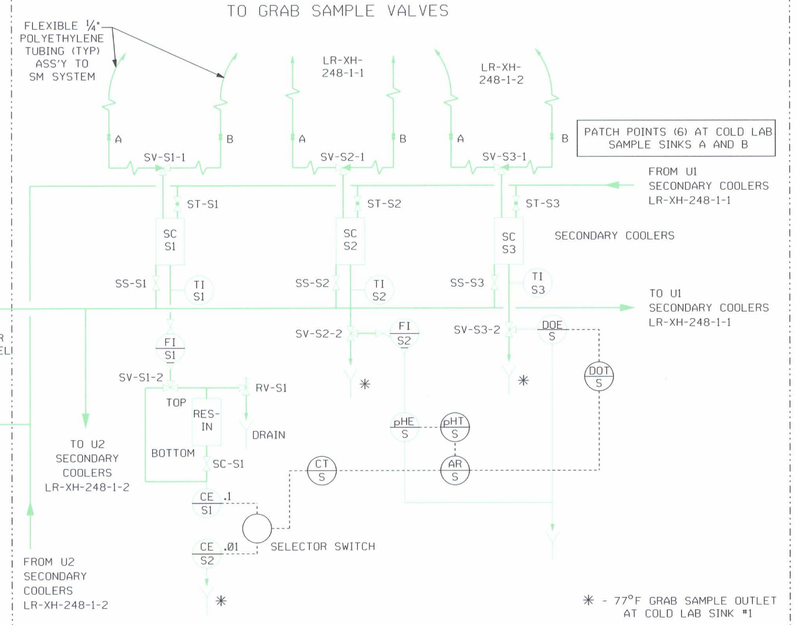
121 HOT LAB CHILLED WATER UNIT



121 COLD LAB CHILLED WATER UNIT



TO GRAB SAMPLE VALVES



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

SA - STATION AND INSTRUMENT AIR
SM - PLANT SAMPLE SYSTEM
CC - COMPONENT COOLING

REFERENCE DWG. X-HIAW-248-1-3 REV. C

VENDOR - LEEDS & NORTHRUP CO.
DWG. # X-PID-3700-104

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 SPAPs.

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

DATE _____ REG.NO. _____

DWN	DATE
CHECKED	
PROJECT NO.	
APP'D & CERT.	
FILMED	

SIGNIFICANT NO.	8630			100	M430 9070	1	3830
GROUP	1	2	3	4	5	CL	6

LICENSE RENEWAL BOUDARY DWG
P & ID - SAMPLE SYSTEM
CHILLED WATER UNITS

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

SCALE NONE | REV 1

LR-XH-248-1-3

$$USERNAME$$
$$$$$$SYTIME$$$$$$$$$$SYDATE$$$$$$
$$$$$$$$$DESIGNFIL$$$$$$$$$

LR-XH-248-1-3.DGN NOT GENERATION CAD

12

LR-XH-248-1-3