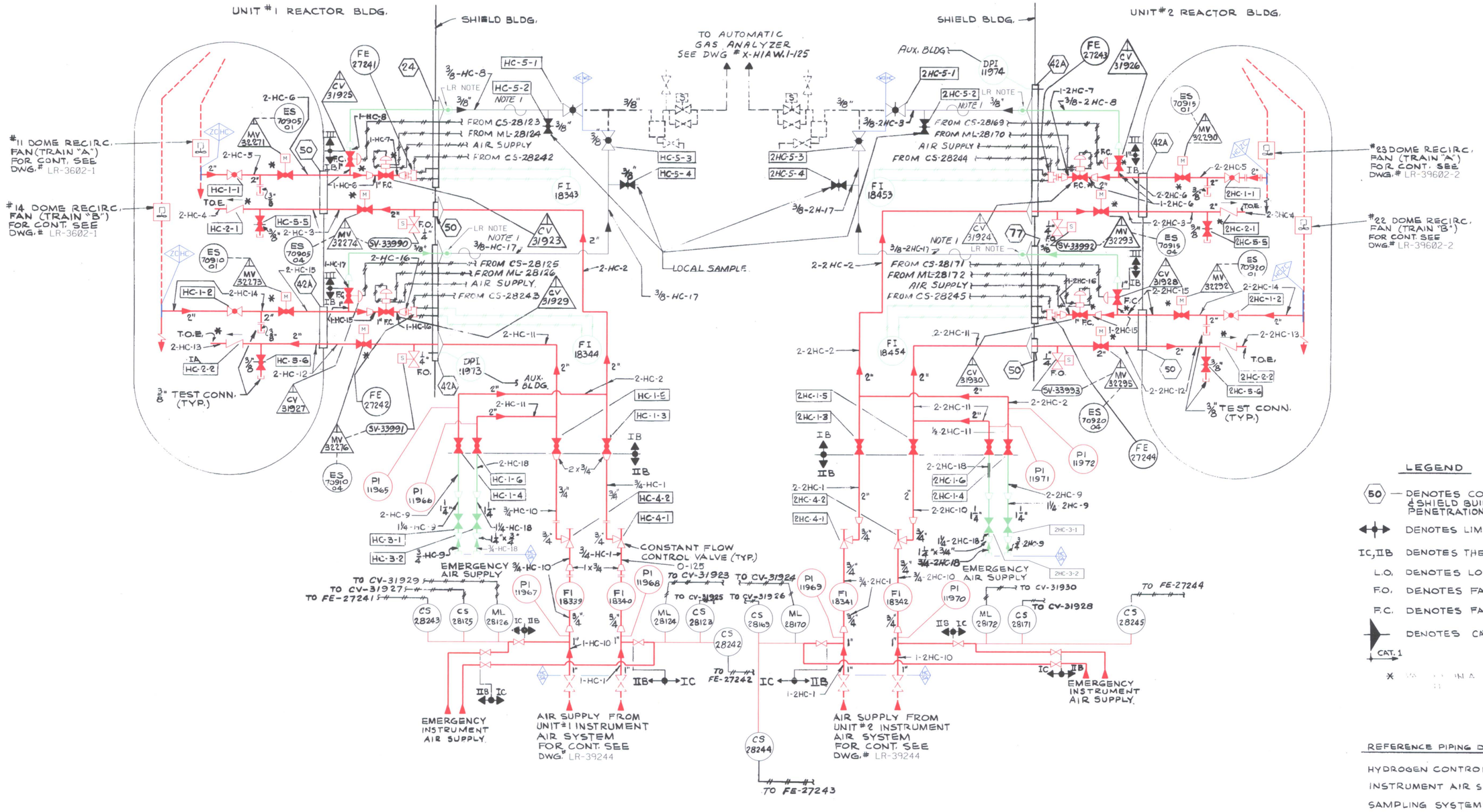

REVISIONS

0
DRAWN BY: JLB
DATE: 6-5-07
PREPARED BY: MLR
DATE: 6-5-07
REVIEWED BY: SRM
DATE: 6-5-07

1
HIGHLIGHTED SIESMIC ANCHORS (6X2), HIGHLIGHTED FI-18343, FI-18344, FI-18453, FI-18454, (6X2), HIGHLIGHTED DPI-11973 & DPI-11974 (6X2).
DRAWN BY: JLB
DATE: 12-10-07
PREPARED BY: WJI
DATE: 12-10-07
REVIEWED BY: SRM
DATE: 12-11-07

2
REVISED LR NOTES
DRAWN BY: JLB
DATE: 1-29-08
PREPARED BY: WJI
DATE: 1-29-08
REVIEWED BY: SRM
DATE: 2-1-08

LEGEND

- (50) — DENOTES CONTAINMENT & SHIELD BUILDING PENETRATION NUMBER
- DENOTES LIMITS OF QA TYPES
- IC, IIB DENOTES THE QA TYPE
- L.O. DENOTES LOCKED OPEN
- F.O. DENOTES FAIL OPEN
- F.C. DENOTES FAIL CLOSE
- DENOTES CATEGORY 1 VENTILATION ZONE CAT. 1
- X [illegible] WITH SECTION III, [illegible] SECTION MC

REFERENCE PIPING DWG. NOS.

HYDROGEN CONTROL SYS.- NF-39329
INSTRUMENT AIR SUPPLY. NF-39771-4
SAMPLING SYSTEM - NF-39297-3

NOTES:

1. CONTAINMENT AIR SAMPLE LINES HEAT TRACED FROM SHIELD BLDG. PENETRATIONS TO STEAM CONDENSATE COLLECTION POT.

LR - SYSTEMS

HC - CONTAINMENT HYDROGEN CONTROL
WD - WASTE DISPOSAL
SA - STATION AND INSTRUMENT AIR
ZC - PRIMARY CONTAINMENT VENTILATION

LR NOTES:

PIPE LINE — SIESMIC ANCHOR

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

INTERLOCK LOGIC DIAGRAMS
UNIT-1 NF-40776-1
UNIT-2 NF-40776-2

ACCOUNT NO.
40-70-1-84 (UNIT 1)
41-70-2-84 (UNIT 2)

REFERENCE NF-39251 REV. M

This map /document is a tool to assist employees in the performance of their jobs. Your personal safety is provided for by using safetypractices,procedures and equipment as described in safety training programs, manuals and SPAFs.

SIGNIFICANT NO.	8630				100	4410	1		
GROUP	1	2	3	4	5	CL	6		

DRWN | DATE
CHECKED
PROJECT NO. 21-6197
APPD. & CERT.
FILMED

LICENSE RENEWAL BOUNDARY DWG
HYDROGEN CONTROL SYSTEM
UNITS 1 & 2 FLOW DIAGRAM - POST LOCA

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

SCALE NONE | REV 2
LR-39251

$$USERNAME$$
$$$$$$SYTIME$$$$$$$$$$SYDATE$$$$$$
$$$$$$$$$$DESIGNFILE$$$$$$$$$
LR-39251.DGN [WSP GENERATION CAD]

D-060

LR-39251