REVISIONS

0
DRAWN BY: JLB
DATE: 3-13-07
PREPARED BY: WJO
DATE: 3-13-07
REVIEWED BY: SRM
DATE: 3-13-07

1
HIGHLIGHTED LA 16761, ENLARGED BOUNDARY BREAKS, REFERENCE DWGS FROM LR TO NF, CORRECTED LINK LR DRAWING AND ASSOCIATED DESCRIPTION
DRAWN BY: JLB
DATE: 7-2-07
PREPARED BY: WJO
DATE: 7-2-07
REVIEWED BY: SRM
DATE: 7-2-07

SEE LR NOTE 1
CHEM. BARREL
TO FUME HOOD
#14 CHEM FEED TNK.
#121 CHEM FEED TNK.
#13 CHEM FEED TNK.
#11 CHEM FEED TNK.
#21 CHEM FEED TNK.
#23 CHEM FEED TNK.
#24 CHEM FEED TNK.
#25 CHEM FEED TNK.
LOW LEVEL
PMP. CONTROL TYP.
GAGE - GLASS TYP.
DRAIN
#14
#15
#121
#13
#12
#11
#21
#22
#23
#24
#25
#11 S/G
#12 S/G
#21 S/G
#22 S/G
FROM FEED WATER HEATER DISCHARGE TO #11 &#12 STEAM GEN. SEE LR-39222
CONDENSATE PUMP DISCHARGE DOWNSTREAM OF FILTER DEMINERALIZERS SEE LR-39220
CONDENSATE PUMP DISCHARGE DOWNSTREAM OF FILTER DEMINERALIZERS SEE LR-39221
FROM FEED WATER HEATER DISCHARGE TO #21 &#22 STEAM GEN. SEE LR-39223
CONDENSER SPRAY SYS. SEE LR-39220&LR-39221
12 M.D. AUX. FEEDWATER PUMP
11 T.D. AUX. FEEDWATER PUMP
COLD LAB SAMPLE SINK
UNIT F.W. PUMP SUCT. SAMPLE ROOT VA. SEE LR-39220
CONDENSATE PUMP DISCHARGE DOWNSTREAM OF FILTER DEMINERALIZERS SEE LR-39221
22 T.D. AUX. FEEDWATER PUMP
21 M.D. AUX. FEEDWATER PUMP
MV-32381
MV-32382
MV-32239
MV-32238
MV-32246
MV-32247
MV-32383
MV-32384

NOTE
1) ANY REVISIONS MADE TO THIS DWG. SHOULD ALSO BE INCORPORATED ON COLD CHEM. LAB. SIMPLIFIED DWG.

LEGEND
DENOTES CATEGORY I VENTILATION ZONE
ALL PIPING QA III UNLESS OTHERWISE NOTED
DENOTES LIMITS OF QA TYPES
L.O. DENOTES LOCKED OPEN W/TAG SEAL

REF PIPING DWG. NO'S.
NF-39222, NF-39223

LR - NOTES:
1. MAINT. FILL LINE

LR - SYSTEMS
AF - AUXILIARY FEEDWATER
CD - CONDENSATE
SM - PLANT SAMPLE SYSTEM

REFERENCE NF-39240-1 REV. E

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

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.

DWN	DATE	SIGNIFICANT NO.	8630		400	½	1	7440
CHECKED		GROUP	1	2	3	4	4410 CL	5	6
PROJECT NO.								
APPD & CERT.								
FILMED								

LICENSE RENEWAL BOUNDARY DWG
FLOW DIAGRAM UNITS 1 & 2
CHEMICAL FEED SYSTEM

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

SCALE: NTS REV 1
LR-39240-1

$$USERNAME$$
$$$$$$SYTIME$$$$$$$$$$SYDATE$$$$$$
$$$$$$$$$$DESIGNFILE$$$$$$$$$

LR-39240-1.DGN [ASP GENERATION CAD]

LR-39240-1

D-041

..\Flows\LR-39240-1.DGN 7/3/2007 7:27:33 AM