REVISIONS

0
DRAWN BY: JLB
DATE: 6-20-07
PREPARED BY: RAB
DATE: 6-20-07
REVIEWED BY: SRM
DATE: 6-22-07

1
REMOVED BOUNDARY FLAG.
REVISED BOUNDARY FLAG.
REMOVED HIGHLIGHT FROM CAT I BOUNDARIES, AND
REVISED (a)(3) - (a)(2) BOUNDARIES
DRAWN BY: JLB
DATE: 8-13-07
PREPARED BY: WJI
DATE: 8-13-07
REVIEWED BY: SRM
DATE: 8-22-07

2
REVISED DWG LINK TO LR AND CORRECTED VLV # FROM WL-4-1 TO WL-94-1
DRAWN BY: JLB
DATE: 10-09-07
PREPARED BY: WJI
DATE: 10-09-07
REVIEWED BY: SRM
DATE: 10-10-07

LR-SYSTEMS
SB - STEAM GENERATOR BLOWDOWN
SG - STEAM GENERATOR
SM - PLANT SAMPLE SYSTEM
CL - COOLING WATER
TB - TURBINE AND SUPPORT SYSTEMS
CD - CONDENSATE
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

NOTES:
1. "W" DENOTES FURNISHED BY WESRINGHOUSE CORP. AS DESIGNATED ON FLOW DIAGRAM XH-1-123
2. DENOTES LIMITS OF QA. TYPES
3. IA, IB, IC, IIB & III DENOTES THE PIPING QA. TYPES
4. DENOTES CONTAINMENT RENETRATION NUMBER.
5. CAT I DENOTES CATEGORY I VENTILATION ZONE.
6. (III/3) DENOTES EQUIPMENT QA/DESIGN CLASS
7. P-DENOTES PURGE CONN.
8. V-DENOTES VENT CONN.
9. D-DENOTES DRAIN CONN.
10. ALL PIPING TO BE QA. TYPE III UNLESS OTHERWISE NOTED.
11. FOR LEVEL CONTROL & ALARM PIPING SEE NF-39249 (A-6)
12. S DENOTES SAMPLE CONNECTION
13. DENOTES TIE-IN TO EXISTING SYSTEM
14. AS-BUILT IS DEFINED AS INCORPORATION OF ECRS.

PREFERENCE DRAWINGS:
PIPING PLAN — STEAM GENERATOR BLOWDOWN FLASH TANK TO HEAT EXCHANGER PIPING-AUX BLDG UNIT 1 & 2 NF-88724

SWEC DWG NO 1291126-EM-1A-4
REFERENCE NF-88740 REV. X

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		750	1&2	4400	1	4212
CHECKED		GROUP	1	2	3	4	5	QL	6
PROJECT NO.									
APP'D & CERT.									
FILMED									

LICENSE RENEWAL BOUNDARY DWGS.
UNITS 1&2 STEAM GEN. BLOWDOWN SYSTEM
RED WING MIN

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

SCALE NONE | REV 2

LR-88740

LR-88740.DGN NSP GENERATION CAD

D-091

NUCLEAR SAFTY RELATED
QA TYPE I & III