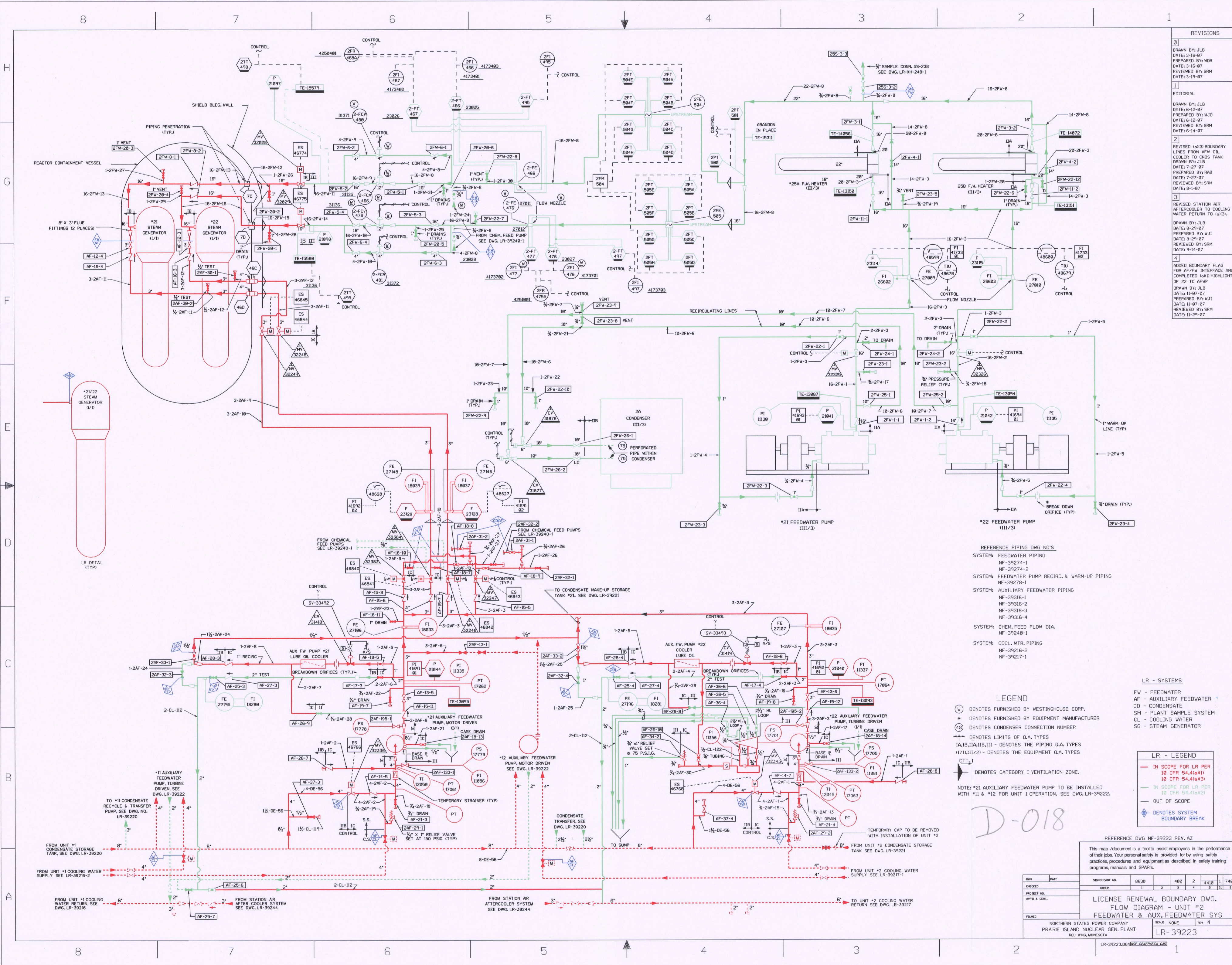




REVISIONS	
0	DRAWN BY: JLB DATE: 3-16-87 PREPARED BY: WJR REVIEWED BY: SRM DATE: 3-19-87
1	EDITORIAL DRAWN BY: JLB DATE: 6-12-87 PREPARED BY: WJR REVIEWED BY: SRM DATE: 6-14-87
2	REVISED (603) BOUNDARY LINES FROM AFW OIL COOLER TO COND TANK DRAWN BY: JLB DATE: 7-27-87 PREPARED BY: WJR REVIEWED BY: SRM DATE: 8-1-87
3	REVISED STATION AIR AFTERCOOLER TO COOLING WATER RETURN TO (603).
4	DRAWN BY: JLB DATE: 8-29-87 PREPARED BY: WJR DATE: 8-29-87 REVIEWED BY: SRM DATE: 9-14-87
5	ADDED BOUNDARY FLAG FOR AFW INTERFACE AND COMPLETED (603) HIGHLIGHT OF 22 TO AFWP DRAWN BY: JLB DATE: 11-07-87 PREPARED BY: WJR DATE: 11-07-87 REVIEWED BY: SRM DATE: 11-29-87

REFERENCE PIPING DWG NO'S

SYSTEM: FEEDWATER PIPING
NF-39274-1
NF-39274-2

SYSTEM: FEEDWATER PUMP RECIRC. & WARM-UP PIPING
NF-39278-1

SYSTEM: AUXILIARY FEEDWATER PIPING
NF-39316-1
NF-39316-2
NF-39316-3
NF-39316-4

SYSTEM: CHEM. FEED FLOW DIA.
NF-39248-1

SYSTEM: COOL. WTR. PIPING
NF-39216-2
NF-39217-1

LR - SYSTEMS

FW - FEEDWATER
AF - AUXILIARY FEEDWATER
CD - CONDENSATE
SM - PLANT SAMPLE SYSTEM
CL - COOLING WATER
SG - STEAM GENERATOR

LEGEND

(M) DENOTES FURNISHED BY WESTINGHOUSE CORP.
(*) DENOTES FURNISHED BY EQUIPMENT MANUFACTURER
(48) DENOTES CONDENSER CONNECTION NUMBER
+ DENOTES LIMITS OF O.A. TYPES
I, II, III, IV, V - DENOTES THE PIPING O.A. TYPES
CTT, I - DENOTES THE EQUIPMENT O.A. TYPES
CTT, I - DENOTES CATEGORY I VENTILATION ZONE.

NOTE: *21 AUXILIARY FEEDWATER PUMP TO BE INSTALLED WITH *11 & *12 FOR UNIT 1 OPERATION. SEE DWG. LR-39222.

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

REFERENCE DWG NF-39223 REV. A2

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 SPARs.

DWG	DATE	SIGNATURE NO.	8630	400	2	4410	1	7400
CHECKED		GROUP	1	2	3	4	5	6
PROJECT NO.								
APP'D & CERT.								
FILED								

LICENSE RENEWAL BOUNDARY DWG.
FLOW DIAGRAM - UNIT #2
FEEDWATER & AUX. FEEDWATER SYS

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

SCALE NONE
REV 4
LR-39223

LR-39223.DWG (SP. GENERATION CO.)