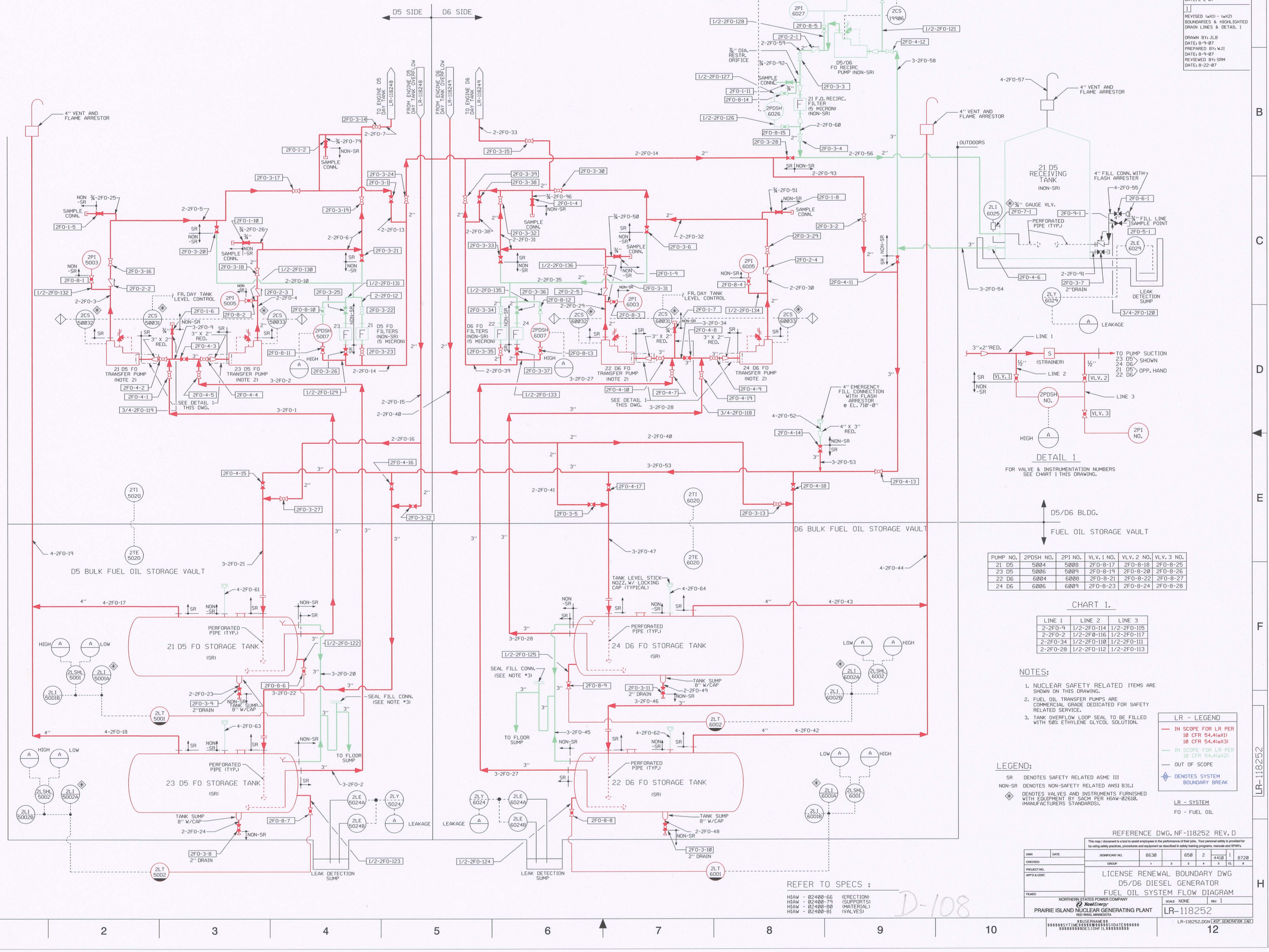

PUMP NO.	2PDSH NO.	2PI NO.	VLV. 1 NO.	VLV. 2 NO.	VLV. 3 NO.
21 D5	5004	5008	2FO-8-17	2FO-8-18	2FO-8-25
23 D5	5006	5009	2FO-8-19	2FO-8-20	2FO-8-26
22 D6	6004	6008	2FO-8-21	2FO-8-22	2FO-8-27
24 D6	6006	6009	2FO-8-23	2FO-8-24	2FO-8-28

CHART 1.

LINE 1	LINE 2	LINE 3
2-2FO-9	1/2-2FO-114	1/2-2FO-115
2-2FO-2	1/2-2FO-116	1/2-2FO-117
2-2FO-34	1/2-2FO-110	1/2-2FO-111
2-2FO-28	1/2-2FO-112	1/2-2FO-113

NOTES:

1. NUCLEAR SAFETY RELATED ITEMS ARE SHOWN ON THIS DRAWING.
2. FUEL OIL TRANSFER PUMPS ARE COMMERCIAL GRADE DEDICATED FOR SAFETY RELATED SERVICE.
3. TANK OVERFLOW LOOP SEAL TO BE FILLED WITH 50% ETHYLENE GLYCOL SOLUTION.

LEGEND:

SR DENOTES SAFETY RELATED ASME III

NON-SR DENOTES NON-SAFETY RELATED ANSI B31.1

DENOTES VALVES AND INSTRUMENTS FURNISHED WITH EQUIPMENT BY SACM PER HIAW-02610. (MANUFACTURERS STANDARDS).

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 - SYSTEM

FO - FUEL OIL

REFERENCE DWG. NF-118252 REV. D

REVISIONS

Ø	DRAWN BY: JLB DATE: 2-2-07 PREPARED BY: MLR DATE: 2-2-07 REVIEWED BY: SRM DATE: 2-2-07
1	REVISED (a)(1) - (a)(2) BOUNDARIES & HIGHLIGHTED DRAIN LINES & DETAIL 1 DRAWN BY: JLB DATE: 8-9-07 PREPARED BY: WJI DATE: 8-9-07 REVIEWED BY: SRM DATE: 8-22-07

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 SPAP's.

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

SIGNIFICANT NO.	8630		650	2	4410	1	8720
GROUP	1	2	3	4	5	CL	8

LICENSE RENEWAL BOUNDARY DWG
D5/D6 DIESEL GENERATOR
FUEL OIL SYSTEM FLOW DIAGRAM

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

SCALE NONE | REV 1

LR-118252

$$USERNAME$$
$$$$$$SYTIME$$$$$$$$$$SYDATE$$$$$$
$$$$$$$$$$DCS1GNFIL$$$$$$$$$

LR-118252.DGN NSP GENERATION CAD