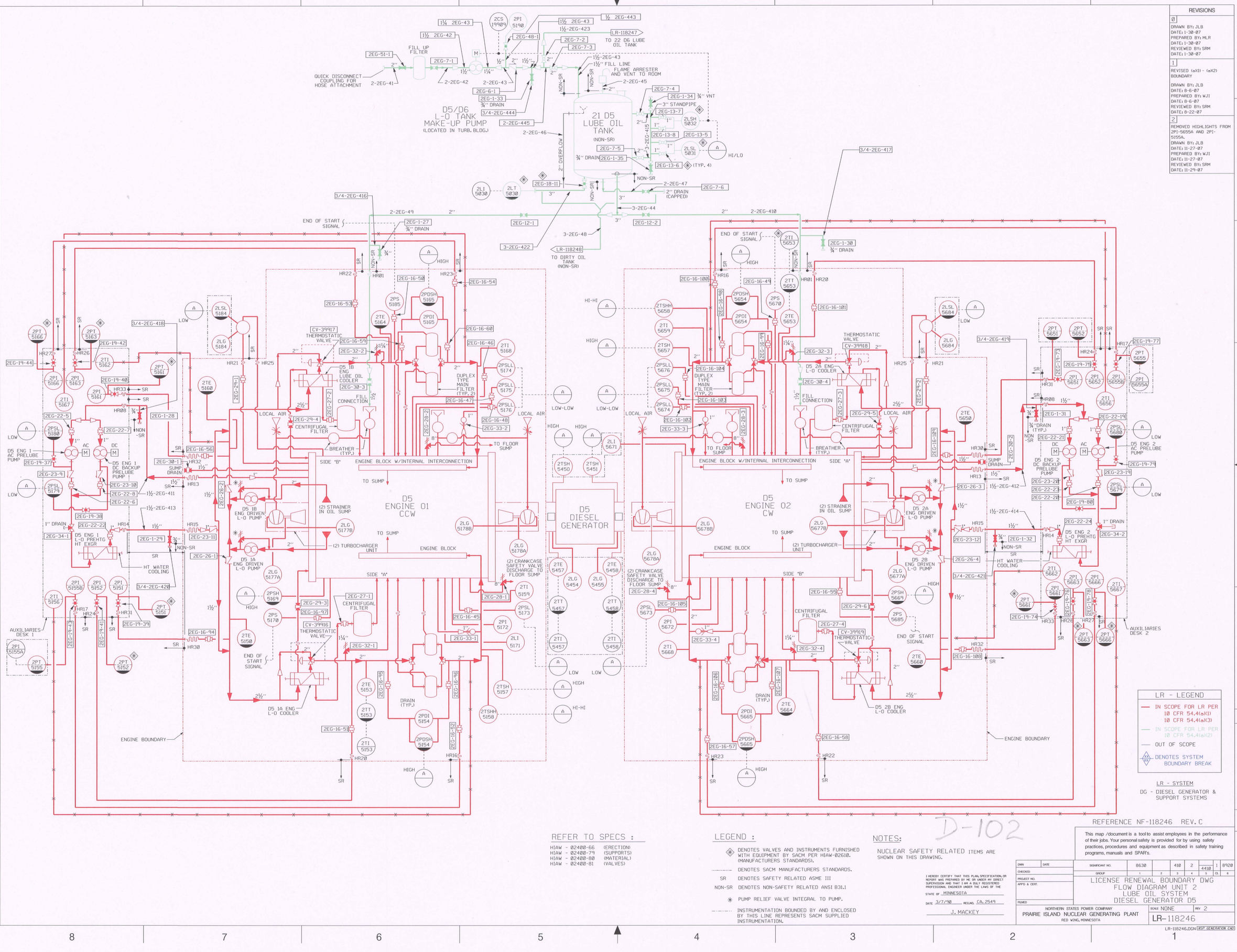

REVISIONS
Ø DRAWN BY: JLB DATE: 1-30-07 PREPARED BY: MLR DATE: 1-30-07 REVIEWED BY: SRM DATE: 1-30-07
1 REVISED (alt1) - (alt2) BOUNDARY DRAWN BY: JLB DATE: 8-6-07 PREPARED BY: WJI DATE: 8-6-07 REVIEWED BY: SRM DATE: 8-22-07
2 REMOVED HIGHLIGHTS FROM 2PI-5655A AND 2PI-5155A. DRAWN BY: JLB DATE: 11-27-07 PREPARED BY: WJI DATE: 11-27-07 REVIEWED BY: SRM DATE: 11-29-07

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

DG - DIESEL GENERATOR & SUPPORT SYSTEMS

REFER TO SPECS :

HIAW - 02400-66	(ERECTION)
HIAW - 02400-79	(SUPPORTS)
HIAW - 02400-80	(MATERIAL)
HIAW - 02400-81	(VALVES)

LEGEND :

- ◈ DENOTES VALVES AND INSTRUMENTS FURNISHED WITH EQUIPMENT BY SACM PER HIAW-02610. (MANUFACTURERS STANDARDS).
- ..... DENOTES SACM MANUFACTURERS STANDARDS.
- SR DENOTES SAFETY RELATED ASME III
- NON-SR DENOTES NON-SAFETY RELATED ANSI B31.1
- ✳ PUMP RELIEF VALVE INTEGRAL TO PUMP.
- -.-.- INSTRUMENTATION BOUNDED BY AND ENCLOSED BY THIS LINE REPRESENTS SACM SUPPLIED INSTRUMENTATION.

NOTES:

NUCLEAR SAFETY RELATED ITEMS ARE SHOWN ON THIS DRAWING.

D-102

REFERENCE NF-118246 REV. C

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.

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA
DATE 3/7/98 REG.NO. CA 2549
J. MACKEY

DWN	DATE	SIGNIFICANT NO.	8630		410	2	1	8920
CHECKED					4410			
PROJECT NO.		GROUP	1	2	3	4	5 CL	6
APPD & CERT.								
FILMED								

LICENSE RENEWAL BOUNDARY DWG
FLOW DIAGRAM UNIT 2
LUBE OIL SYSTEM
DIESEL GENERATOR D5

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

SCALE NONE REV 2

LR-118246

LR-118246.DGN [NSP GENERATION CAD]