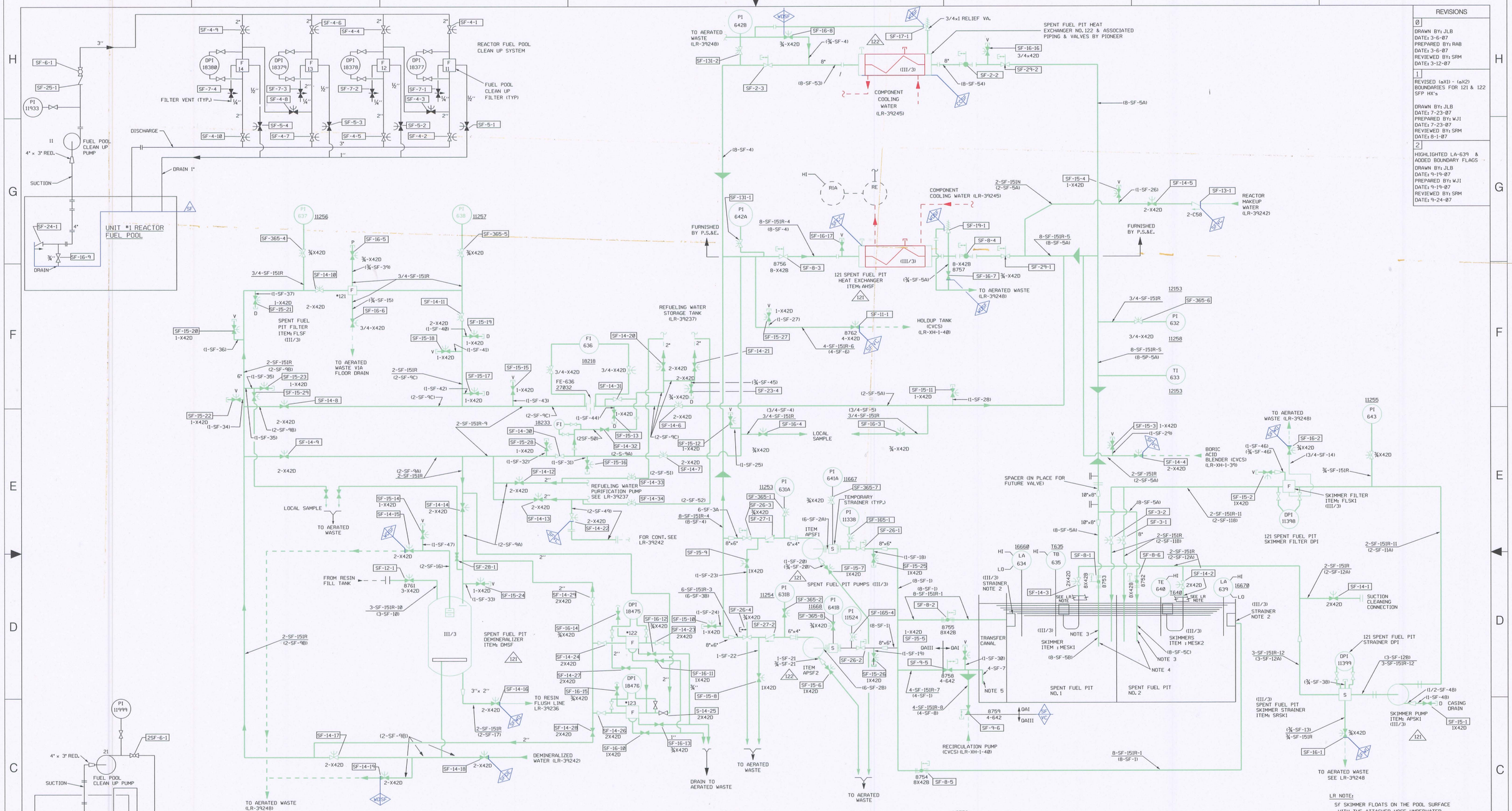

REVISIONS

0
DRAWN BY: JLB
DATE: 3-6-07
PREPARED BY: RAB
DATE: 3-6-07
REVIEWED BY: SRM
DATE: 3-12-07

1
REVISED (a)(1) - (a)(2) BOUNDARIES FOR 121 & 122 SFP HX's
DRAWN BY: JLB
DATE: 7-23-07
PREPARED BY: WJI
DATE: 7-23-07
REVIEWED BY: SRM
DATE: 8-1-07

2
HIGHLIGHTED LA-639 & ADDED BOUNDARY FLAGS
DRAWN BY: JLB
DATE: 9-19-07
PREPARED BY: WJI
DATE: 9-19-07
REVIEWED BY: SRM
DATE: 9-24-07

NOTES:

1. ALL ITEM NO.'S INCLUDE PREFIX NSPAC.
2. LOCATE STRAINER 4 FEET BELOW NORMAL WATER LEVEL.
3. DRILL ½INCH HOLE 4 FEET BELOW NORMAL WATER LEVEL
4. TERMINATE PIPE 10 FEET BELOW NORMAL WATER LEVEL.
5. TERMINATE PIPE NEAR BOTTOM OF TRANSFER CANAL.
6. ALL PIPE ON THIS DWG. TO BE Q.A. TYPE IC UNLESS OTHERWISE NOTED.
7. (—) NUMBERS IN PARENTHESES DENOTE P.S. & E. LINE NUMBERS.
8. DENOTES CATEGORY I VENTILATION ZONE — CATEGORY I
9. P - DENOTES PURGE CONNECTION.
10. (I/I) DENOTES EQUIPMENT QA TYPE/DESIGN CLASS

REFERENCE DRAWINGS:

DESCRIPTION	WEST. NO.	P.S. & E. NO.
1. LEGEND	110E015	X-HIAW-1-105
2. LINE LIST	206C928	X-HIAW-1-703
3. PHYSICAL	---	NF-39296-1 & 2

LR NOTE:
SF SKIMMER FLOATS ON THE POOL SURFACE WITH THE ATTACHED HOSE UNDERWATER. THESE COMPONENTS ARE NOT IN SCOPE FOR LR. THEY PROVIDE NO 5(2) INTERACTIONS.

LR - SYSTEMS

CC - COMPONENT COOLING
SF - SPENT FUEL POOL COOLING
VC - CHEMICAL AND VOLUME CONTROL
WD - WASTE DISPOSAL
DE - WATER TREATMENT

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 XH-1-29 REV. AC

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.

D-115

THIS DIAGRAM REPLACES WESTINGHOUSE DWG. NO. 110E009, REV. 6

DWN	DATE	SIGNIFICANT NO.	8630		350	100	J109 9240	1	4920
CHECKED		GROUP	1	2	3	4	5	CL	8
PROJECT NO.									
APPD & CERT.									
FILMED									

LICENSE RENEWAL BOUNDARY DWG
UNIT 1&2 FLOW DIAGRAM
SPENT FUEL COOLING SYSTEM

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

SCALE NONE REV 2

LR-XH-1-29

LR-XH-1-29.DGN [NSP GENERATION CAD]