



REVISIONS	
0	DRAWN BY: JLB DATE: 6-14-87 PREPARED BY: RAB DATE: 6-14-87 REVIEWED BY: SRM DATE: 6-14-87
1	REVISE (a)(1) - (a)(2) BOUNDARIES FOR 121/122 SF - W, ENLARGE BOUNDARY FLAGS, AND REVISE REFERENCE DWGS FROM LR TO NF.
2	DRAWN BY: JLB DATE: 7-26-87 PREPARED BY: WJI DATE: 7-26-87 REVIEWED BY: SRM DATE: 8-1-87
3	REVISED BOUNDARY FLAG LOCATIONS & REVISED (a)(1)/(a)(2) BOUNDARIES
4	DRAWN BY: JLB DATE: 10-19-87 PREPARED BY: WJI DATE: 12-5-87 REVIEWED BY: SRM DATE: 12-18-87
5	REVISED DWG LINK NUMBERS & CLARIFIED (a)(3) BOUNDARY
6	DRAWN BY: JLB DATE: 2-12-88 PREPARED BY: WJI DATE: 2-12-88 REVIEWED BY: SRM DATE: 2-13-88

LEGEND

DENOTES LIMITS OF DA TYPES.
 IA-IB-IC DENOTES THE PIPING DA TYPES DESIGN CLASS.
 (DA)(1)-(2)-(3) DENOTES THE EQUIPMENT DA TYPES DESIGN CLASS ALL PIPING TO BE DA TYPE IB UNLESS OTHERWISE NOTED. NOTED INTERLOCK LOGIC DIAGRAM SEE NF-48321. THEREWISE NOTED. INTERLOCK LOGIC DIAGRAM SEE NF-48321.
 CAT. 1 DENOTES CATEGORY 1 VENTILATION ZONE.

LR - SYSTEMS
 CC - COMPONENT COOLING
 WD - WASTE DISPOSAL
 VC - CHEMICAL AND VOLUME CONTROL
 SM - PLANT SAMPLE SYSTEM
 SF - SPENT FUEL POOL COOLING

NOTES:
 1. JUMPERS HAVE BEEN INSTALLED BETWEEN THE DISCHARGE OF #11(2) CC PUMPS AND THE SUCTION OF #12(2) CC PUMPS FOR THE TRANSFER OF CC WATER FROM ONE UNIT TO THE OTHER.
 2. ALL VENTS AND DRAINS ARE 3/4" UNLESS NOTED OTHERWISE.

LR NOTE:
 0 PIPE LINE
 SEISMIC ANCHOR

LR - LEGEND	
---	IN SCOPE FOR LR PER 10 CFR 54.4(a)(1)
---	IN SCOPE FOR LR PER 10 CFR 54.4(a)(3)
---	IN SCOPE FOR LR PER 10 CFR 54.4(a)(2)
---	OUT OF SCOPE
◆	DENOTES SYSTEM BOUNDARY BREAK

REFERENCES	
SYSTEM COMP. COOLING WTR PIPING AUX. BLDG. (UNIT 1)	NF-39230-1 THRU -6
REFERENCE NF-39245-2 REV. M	

DATE	DESCRIPTION	BY	CHKD
06/14/87	DRAWN	JLB	
06/14/87	REVIEWED	RAB	
07/26/87	REVIEWED	WJI	
08/01/87	REVIEWED	SRM	
10/19/87	REVIEWED	WJI	
12/05/87	REVIEWED	SRM	
12/18/87	REVIEWED	SRM	

LICENSURE INFORMATION	
PROJECT NO.	NR-39245-2
APP'D & QUIT	
FORMED	
NORTHERN STATES POWER COMPANY	
PRAIRIE ISLAND NUCLEAR GENERATING PLANT	
SCALE	AS SHOWN
REV.	4
LICENSURE RENEWAL BOUNDARY DWG UNIT #1 - FLOW DIAGRAM COMPONENT COOLING SYSTEM	
LR-39245-2	

D-053