



- NOTES:
1. DRAIN PNT.
 2. NITROGEN BLANKETING.
 3. RCVD OPERATED RELIEF VALVE.
 4. FLOOR DRAIN TYPE SHOWN.
 5. HORIZONTAL OR DIAGONAL.
 6. LOCKED CLOSED TO PREVENT OVER PRESSURIZATION AND OVER TEMPERATURE.
 7. SAFETY RELATED. GROUND PIPE COVERING ANY PIPE LISTED IN 201.
 8. VENTS ROOF BY CONSTRUCTION FOR FLUSH AND HYDRO.
 9. NITROGEN PURGE SHIPPLE POINT (PRESENCE OF DR).

DESIGN PARAMETERS

NO.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
SM 01	1100 PSIG	567°F	NOTE 7	CS
SM 02	1100 PSIG	567°F	6	CS
SM 03	1100 PSIG	567°F	6	CS
SV 08	100 PSIG	425°F	6	P
SV 09	110 PSIG	400°F	6	P
SV 05	60 PSIG	310°F	6	P
SV 07	240 PSIG	400°F	6	P

S-S-S

NO.	REVISIONS	DATE	BY	CHKD	APPD	REMARKS
1	AS BUILT PER ISA-M-2000(1) (10-24-00)					
2	AS BUILT PER ISA-M-2000(1) (10-24-00)					
3	AS BUILT PER ISA-M-2000(1) (10-24-00)					
4	AS BUILT PER ISA-M-2000(1) (10-24-00)					
5	AS BUILT PER ISA-M-2000(1) (10-24-00)					
6	AS BUILT PER ISA-M-2000(1) (10-24-00)					
7	AS BUILT PER ISA-M-2000(1) (10-24-00)					
8	AS BUILT PER ISA-M-2000(1) (10-24-00)					
9	AS BUILT PER ISA-M-2000(1) (10-24-00)					
10	AS BUILT PER ISA-M-2000(1) (10-24-00)					
11	AS BUILT PER ISA-M-2000(1) (10-24-00)					
12	AS BUILT PER ISA-M-2000(1) (10-24-00)					
13	AS BUILT PER ISA-M-2000(1) (10-24-00)					
14	AS BUILT PER ISA-M-2000(1) (10-24-00)					
15	AS BUILT PER ISA-M-2000(1) (10-24-00)					
16	AS BUILT PER ISA-M-2000(1) (10-24-00)					
17	AS BUILT PER ISA-M-2000(1) (10-24-00)					
18	AS BUILT PER ISA-M-2000(1) (10-24-00)					
19	AS BUILT PER ISA-M-2000(1) (10-24-00)					
20	AS BUILT PER ISA-M-2000(1) (10-24-00)					

OR CONDITION 4
OR CONDITION 1
DUKE POWER COMPANY
MCQUEEN NUCLEAR STATION UNIT 2
FLOW DIAGRAM OF
STEAM SYSTEM (S-S)
WITH STEAM VENT TO ATMO ENV

SCALE: 1" = 10'-0"

DWG. NO. MC-2593-1.0

FOR INFORMATION ONLY

SI APERTURE CARD

8903220337

PDR RIDS

