



- NOTES:
1. DRAIN POTS.
 2. NITROGEN PURGETTING.
 3. POWER OPERATED RELIEF VALVE.
 4. HANDWHEEL ON OPERATOR.
 5. LOCKED CLOSED TO PREVENT OVER-PRESSURIZATION AND OVER-TEMPERATURE.
 6. SAFETY RELATED. GUARD PIPE COVERING ANY PIPE LISTED IN 5.041.
 7. VENTS ACCORD BY CONSTRUCTION FOR FLUSH AND HYDRO.

DESIGN PARAMETERS

NO.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
SM 07	1185 PSIG	527°F	B	
SM 08	1185 PSIG	547°F	B	
SM 09	1185 PSIG	547°F	B	
SM 10	1185 PSIG	547°F	B	
SM 11	1185 PSIG	547°F	B	
SM 12	1185 PSIG	547°F	B	
SM 13	1185 PSIG	547°F	B	
SM 14	1185 PSIG	547°F	B	
SM 15	1185 PSIG	547°F	B	
SM 16	1185 PSIG	547°F	B	
SM 17	1185 PSIG	547°F	B	
SM 18	1185 PSIG	547°F	B	
SM 19	1185 PSIG	547°F	B	
SM 20	1185 PSIG	547°F	B	
SM 21	1185 PSIG	547°F	B	
SM 22	1185 PSIG	547°F	B	
SM 23	1185 PSIG	547°F	B	
SM 24	1185 PSIG	547°F	B	
SM 25	1185 PSIG	547°F	B	
SM 26	1185 PSIG	547°F	B	
SM 27	1185 PSIG	547°F	B	
SM 28	1185 PSIG	547°F	B	
SM 29	1185 PSIG	547°F	B	
SM 30	1185 PSIG	547°F	B	
SM 31	1185 PSIG	547°F	B	
SM 32	1185 PSIG	547°F	B	
SM 33	1185 PSIG	547°F	B	
SM 34	1185 PSIG	547°F	B	
SM 35	1185 PSIG	547°F	B	
SM 36	1185 PSIG	547°F	B	
SM 37	1185 PSIG	547°F	B	
SM 38	1185 PSIG	547°F	B	
SM 39	1185 PSIG	547°F	B	
SM 40	1185 PSIG	547°F	B	
SM 41	1185 PSIG	547°F	B	
SM 42	1185 PSIG	547°F	B	
SM 43	1185 PSIG	547°F	B	
SM 44	1185 PSIG	547°F	B	
SM 45	1185 PSIG	547°F	B	
SM 46	1185 PSIG	547°F	B	
SM 47	1185 PSIG	547°F	B	
SM 48	1185 PSIG	547°F	B	
SM 49	1185 PSIG	547°F	B	
SM 50	1185 PSIG	547°F	B	
SM 51	1185 PSIG	547°F	B	
SM 52	1185 PSIG	547°F	B	
SM 53	1185 PSIG	547°F	B	
SM 54	1185 PSIG	547°F	B	
SM 55	1185 PSIG	547°F	B	
SM 56	1185 PSIG	547°F	B	
SM 57	1185 PSIG	547°F	B	
SM 58	1185 PSIG	547°F	B	
SM 59	1185 PSIG	547°F	B	
SM 60	1185 PSIG	547°F	B	
SM 61	1185 PSIG	547°F	B	
SM 62	1185 PSIG	547°F	B	
SM 63	1185 PSIG	547°F	B	
SM 64	1185 PSIG	547°F	B	
SM 65	1185 PSIG	547°F	B	
SM 66	1185 PSIG	547°F	B	
SM 67	1185 PSIG	547°F	B	
SM 68	1185 PSIG	547°F	B	
SM 69	1185 PSIG	547°F	B	
SM 70	1185 PSIG	547°F	B	
SM 71	1185 PSIG	547°F	B	
SM 72	1185 PSIG	547°F	B	
SM 73	1185 PSIG	547°F	B	
SM 74	1185 PSIG	547°F	B	
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SM 76	1185 PSIG	547°F	B	
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SM 78	1185 PSIG	547°F	B	
SM 79	1185 PSIG	547°F	B	
SM 80	1185 PSIG	547°F	B	
SM 81	1185 PSIG	547°F	B	
SM 82	1185 PSIG	547°F	B	
SM 83	1185 PSIG	547°F	B	
SM 84	1185 PSIG	547°F	B	
SM 85	1185 PSIG	547°F	B	
SM 86	1185 PSIG	547°F	B	
SM 87	1185 PSIG	547°F	B	
SM 88	1185 PSIG	547°F	B	
SM 89	1185 PSIG	547°F	B	
SM 90	1185 PSIG	547°F	B	
SM 91	1185 PSIG	547°F	B	
SM 92	1185 PSIG	547°F	B	
SM 93	1185 PSIG	547°F	B	
SM 94	1185 PSIG	547°F	B	
SM 95	1185 PSIG	547°F	B	
SM 96	1185 PSIG	547°F	B	
SM 97	1185 PSIG	547°F	B	
SM 98	1185 PSIG	547°F	B	
SM 99	1185 PSIG	547°F	B	
SM 100	1185 PSIG	547°F	B	

FOR INFORMATION ONLY

SI APERTURE CARD

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NO.	REVISIONS	DATE	BY	APP'D	DATE	CHK'D	DATE	SCALE	INSPECTED
7	REV. PER M&S-1197-30 (8-17-67)								
6	REV. PER M&S-1197-30 (8-17-67)								
5	REV. PER M&S-1197-30 (8-17-67)								
4	REV. PER M&S-1197-30 (8-17-67)								
3	REV. PER M&S-1197-30 (8-17-67)								
2	REV. PER M&S-1197-30 (8-17-67)								
1	REV. PER COND. 4								
0	COND. 4								

COND. 4
COND. 1

DUKE POWER COMPANY
DUKE NUCLEAR STATION UNIT 1

FLOW DIAGRAM OF
MAIN STEAM SYSTEM (CS)
MAIN STEAM VENT TO WINGS (CS)

DATE: 8-17-67
SCALE: AS SHOWN
DWG. NO.: MC-1593-1.3

8903220235

PDR RIDS

