



PRC
APERTURE
CARD

8212130258

- NOTES:
- DIRT LEG.
 - LOCATE PG CLOSE AS POSSIBLE TO DOLPHIN TANK WITH A STRAIGHT RUN OF PIPE.
 - HIGH POINT VENTS AND LOW POINT DRAINS NEEDED.
 - BY CONSTRUCTION FOR FLUSH AND WASH.
 - CONNECTION NUMBERS ON THE STEAM GENERATORS WERE OBTAINED FROM THE FOLLOWING WASTEWATER DRAWINGS:
CWM-1201-D1-117/SH-2, CWM-1201-D1-119/SH-2,
CWM-1201-D1-121/SH-2, AND CWM-1201-D1-123/SH-2
 - VALVE WILL CLOSE UPON RECEIPT OF AUX. FEEDWATER PUMP START SIGNAL.

DESIGN PARAMETERS

NO	PIPE SPEC	PRESSURE	TEMPERATURE	CLASS	MATERIAL
01	1500 #	1200 PSIA	600°F	B	CS
02	900 #	1200 PSIA	600°F	F	CS
03	900 #	1200 PSIA	600°F	C	CS
04	300 #	250 PSIA	430°F	C	CS
05	150 #	500 PSIA	430°F	C	CS
06	300 #	250 PSIA	430°F	I	CS
07	150 #	250 PSIA	430°F	C	CS
08	1501 #	1200 PSIA	600°F	B	CS
09	300 #	250 PSIA	430°F	C	CS
10	300 #	250 PSIA	430°F	C	CS
11	2500 #	1200 PSIA	600°F	B	CS

DESIGN FLOW

NO	FLOW
01	30 GPM
02	360 GPM
03	1700 GPM
04	43,250 GPM
05	32,000 GPM

APPROVED PRESSURE BOUNDARY DESIGN - REV. 6 (C012-4-7-82)
CLEARED FOR PRESSURE BOUNDARY TESTING - REV. 4 (C006-1-11-79)

NO.	REVISIONS	CHKD	DATE	APPD	DATE	CIVIL	ELEC	MECH	INSPECTED
1	REV PER C011								
2	REV PER C002								
3	REV PER C006, 07, 08								
4	REV PER C003, 04, 05								
5	REV PER C002								
6	REV PER C011								

QA-CONDITION 4
QA-CONDITION 1

DUKE POWER COMPANY
CARRIUM NUCLEAR STATION UNIT 1

FLOW DIAGRAM OF
STEAM GENERATOR BLOCKDOWN SYSTEM
(S0)

NO.	REVISIONS	CHKD	DATE	APPD	DATE	CIVIL	ELEC	MECH	INSPECTED
1	REV PER C011								
2	REV PER C002								
3	REV PER C006, 07, 08								
4	REV PER C003, 04, 05								
5	REV PER C002								
6	REV PER C011								

DWG. NO. CH-1580-1.0

Rids

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