



"FOR INSPECTION PURPOSES ONLY"

SI
APERTURE
CARD

- NOTES:
- OPERATING MODE REPRESENTED BY SOLID LINES.
 - 1/2" THRU 8" SCH. = 80
 - 10" THRU 24" SCH. = 50
 - 26" MIN. WALL = 0.875"
 - 36" MIN. WALL = 1.164"
 - 1/2" THRU 10" SCH. = 40
 - 12" THRU 48" SCH. = STD.
 - ORIGINAL ISSUE OF THIS DRAWING WAS BASED ON PD-1229-3, REV. 38

LINE NO.	DUKE CLASS	DESIGN PARAMETERS				PIPE SPEC. NO.	PIPE SCH. NO.	ISI CLASS	DESIGN FLOW	
		DESIGN PRESS.	DESIGN TEMP.	MATERIAL	NO.				FLOW	
1	F	1050 PSIG	630°F	CS	600.5	NOTE 2	B	1	33,000 LBS/HR	
9	F	1050 PSIG	630°F	CS	600.4	NOTE 2	B			
10	F	RTM	212°F	CS	300.4	NOTE 2	B			
14	F	1050 PSIG	630°F	CS	600.4	NOTE 2	B			
15	F	350 PSIG	550°F	CS	300.4	NOTE 3	C			
16	F	50 PSIG	300°F	CS	150.4	NOTE 3	C			
17	F	50 PSIG	450°F	CS	150.4	NOTE 3	C			
18	F	875 PSIG	550°F	CS	300.4	NOTE 3	C			
19	F	875 PSIG	550°F	CS	300.4	NOTE 3	C			
28	F	875 PSIG	550°F	CS	300.4	NOTE 3	C			

8912180171

QA CONDITION 1

DUKE POWER COMPANY
COOKE NUCLEAR STATION-UNIT 3

FLOW DIAGRAM OF
MAIN STEAM SYSTEM
(EMERGENCY FEED PUMP TURBINE
SUPPLY & EXHAUST)

NO.	REVISIONS	DRN	DATE	CHKD	DATE	APPR	DATE	INSPECTED	SCALE	DWG. NO.	OFD-1229-3.4
7	REV PER O&E 1/26/88 1/26/88 ZMR DATE 7-5-88										
6	REV PER O&E 1/19/88 1/19/88 ZMR DATE 7-5-88										
5	REV PER NHA ON 2/28/88 2/28/88 ZMR DATE 7-5-88										
4	REV PER NHA ON 2/28/88 2/28/88 ZMR DATE 7-5-88										
3	ADDED EXHAUST VALVE 3SD-166										
2	REV TO SHOW LOCKED OPEN VALVES										
1	ADDED VALVES 3MS-82, 3MS-84										

DESIGNED BY: DATE: 2-24-88
DRAWN BY: DATE: 2-24-88
CHECKED BY: DATE: 2-24-88
CIVIL ELEC MECH
SCALE: DWG. NO. OFD-1229-3.4