



ANSTEC APERTURE CARD

QA CONDITION 2  
QA CONDITION 1

- NOTES:
1. OPERATING MODES REPRESENTED BY SOLID LINES. SEE PFD FOR SUPPLYING P.C. PUMP SEAL, INJECTION & MISC. FLOW. SHOW MAIN PUMP & PUMP TO PUMP & ON AUTOMATIC STOP.
  2. INJECTOR HEADLINE IS STRAIGHT PIPE AT OUTLET.
  3. I-1 TO I-12 ARE 1/2" DIA. 10' LONG.
  4. I-1 TO I-12 ARE 1/2" DIA. 10' LONG.
  5. I-1 TO I-12 ARE 1/2" DIA. 10' LONG.
  6. I-1 TO I-12 ARE 1/2" DIA. 10' LONG.
  7. I-1 TO I-12 ARE 1/2" DIA. 10' LONG.
  8. I-1 TO I-12 ARE 1/2" DIA. 10' LONG.

4 DESIGN PARAMETERS

ITEM NO.	DESIGN	DESIGN	DESIGN	DESIGN	DESIGN	DESIGN
NO.	QTY	SIZE	CLASS	MATERIAL	WGT.	NO.
1	1	1/2"	10'	10'	10'	10'
2	1	1/2"	10'	10'	10'	10'
3	1	1/2"	10'	10'	10'	10'
4	1	1/2"	10'	10'	10'	10'
5	1	1/2"	10'	10'	10'	10'
6	1	1/2"	10'	10'	10'	10'
7	1	1/2"	10'	10'	10'	10'
8	1	1/2"	10'	10'	10'	10'
9	1	1/2"	10'	10'	10'	10'
10	1	1/2"	10'	10'	10'	10'
11	1	1/2"	10'	10'	10'	10'
12	1	1/2"	10'	10'	10'	10'

NO.	DATE	BY	CHKD	APPD	DATE	REVISION
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						

DUKE POWER COMPANY  
DUKE NUCLEAR STATION UNIT 1  
FLOW DIAGRAM OF  
HIGH PRESSURE  
INJECTION SYSTEM  
(CHARGING SECTION)

PDR RIDS

9607120121

