



- NOTES:
1. LOCATE VALVE AS CLOSE TO BACKWASH TANK AS POSSIBLE.
  2. USE 10 FEET OF 6" PIPE TO PROVIDE LOW OVER VELOCITY.
  3. 1500' A CAN BE USED FOR 24" AND 36" DIAMETER PIPING.
  4. USE 150' A FOR 24" AND 36" DIAMETER PIPING.
  5. USE SPLIT WELD FITTINGS WHEREVER POSSIBLE ON PIPING THROUGH LINES TO MAINTAIN A SMOOTH INTERIOR SURFACE.
  6. SPLIT WELD FITTINGS.
  7. ALL DRIVING MECHANISM ON THIS FLOW DIAGRAM REQUIRES INSULATION.

DESIGN PARAMETERS

LINE LISTING	PIPE SPEC.	PRESSURE	TEMPERATURE	CLASS	MATERIAL
02	300.5 ENDE 33	395 PSIA	180°F	C	CS
04	150.4	115 PSIA	180°F	C	CS
05	150.4 ENDE 43	140 PSIA	180°F	C	CS
11	150.4	140 PSIA	180°F	C	CS

6. AUTHORIZED PRESSURE BOUNDARY DESIGN: REF: CCOP-5-3-333  
 6. ALL GASED AIR PRESSURE BOUNDARY: REF: CCOP-5-3-333

SYSTEM CHANGE ORDER NUMBER CH-1530-1.8-1004

REVISIONS:

NO.	DESCRIPTION	DATE	BY	CHKD.
1	ISSUED FOR START-UP	10-4-79	MJS	
2	REVISION			

D.A. CONDITION 4

DUKE POWER COMPANY  
 CANTON NUCLEAR STATION - UNIT 1

FLOW DIAGRAM OF  
 DECONTAMINATION SYSTEM  
 (CONT.)

10-4-79

DWG. NO. CH-1530-1.8

UNCONTROLLED  
 JUN 2 1984

TI  
 PERTURE  
 CARD

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PDR RIDS

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