



- D:DPTC8, DUMP COOLING SUPPLY #1
- D:DPTC8, DUMP COOLING SUPPLY #1
- D:DPWM1, DUMP WTR RET FLOW
- D:DPWM1, DUMP WTR RET FLOW
- D:DPWM2, DUMP WATER FILTER FLOW
- D:DPWM2, DUMP WATER FILTER FLOW
- +15 V (FROM CONN PATCH PANEL)
- COMMON FOR +15 V (FROM CONN PATCH PANEL)
- D:DPHP1, DUMP WATER RESERVOIR PRESSURE
- D:DPHP1, DUMP WATER RESERVOIR PRESSURE
- D:DPTC9, DUMP COOLING SUPPLY #2
- D:DPTC9, DUMP COOLING SUPPLY #2
- D:DPWP1, DUMP WATER PUMP INLET PRESSURE
- D:DPWP1, DUMP WATER PUMP INLET PRESSURE
- D:DPTC10, DUMP COOLING RETURN #1
- D:DPTC10, DUMP COOLING RETURN #1
- D:DPTC11, DUMP COOLING RETURN #2
- D:DPTC11, DUMP COOLING RETURN #2
- D:DPWP2, DUMP WTR SUP PRESSURE
- D:DPWP2, DUMP WTR SUP PRESSURE
- D:DPWP3, DUMP WATER FILTER OUT PRESSURE
- D:DPWP3, DUMP WATER FILTER OUT PRESSURE

+15 V (FROM CONN PATCH PANEL)
COMMON FOR +15 V (FROM CONN PATCH PANEL)

- J1
- A
- B
- D
- E
- G
- H
- K
- L
- N
- P
- S
- T
- V
- W
- Y
- Z
- b
- c
- e
- f
- h
- i
- k
- m
- p
- q
- s
- t
- v
- w
- y
- z
- aa

Notes:
1 - Monitors the pressure of the hydrogen gas recovered from the water system, and operates a venting valve. The valve is opened when the pressure reaches 15 PSIG and is closed at 9 PSIG. The Green LED is illuminated up to 13 PSIG and the yellow LED is illuminated above 11 PSIG.

REV	DESCRIPTION	DRAWN	DATE
		APPROVED	DATE

	PS1	24V / 2.5A, LAMBDA # DT60PW240P	1
ITEM NO.	PART NO.	DESCRIPTION OR SIZE	QTY. REQ.
PARTS LIST			
UNLESS OTHERWISE SPECIFIED		ORIGINATOR	
FRACTIONS	DECIMALS	ANGLES	DRAWN B. WISNER 09-28-2004
+/-	+/-	+/-	CHECKED
1. BREAK ALL SHARP EDGES 1/64 MAX.		APPROVED	
2. DO NOT SCALE DRAWING		USED ON	
3. DIMENSIONING IN ACCORD WITH ANSI Y14.5 STD'S		MATERIAL	
✓ MAX. ALL MACHINED SURFACES			
 FERMI NATIONAL ACCELERATOR LABORATORY UNITED STATES DEPARTMENT OF ENERGY			
<h2>AP-0 BEAM DUMP WATER SYSTEM SCHEMATIC</h2>			
SCALE	FILMED	DRAWING NUMBER	REV.