PUMP ROOM PRESSURE IS INDICATED AT THE HMI.

ENABLE HEATER OPERATION.

FLOW SETPOINT IS 15,500 WHICH WILL RESULT IN ENOUGH K1 SUPPLY FLOW TO

EXHAUST FAN K1-5-2 HAS A KEYED TEST/NORMAL SWITCH WHICH ALLOWS

FROM THE HMI. WHEN THE SYSTEM IS STARTED, THE ASSOCIATED INTAKE

BASED ON A MOTOR TO FAN SHEAVE RATIO OF 1.13, LIMIT THE MAXIMUM VFD

K1-5-3-VFD TO PREVENT EXCEEDING FAN MOTOR FLA RATING OF 85.9 AMPS

CONTROLLED BY FIC-K1-1 WHICH SETS THE SPEED OF THE EXHAUST FAN VFD.

WITH THE VFD H-O-A IN AUTO, THE SELECTED EXHAUST FAN IS STARTED

PDSL-K1-304.

PRE-FILTER K1-11-1 DIFFERENTIAL PRESSURE IS INDICATED AT THE HMI.

HS-K1-5-1, 2A, 2B AND HS-K1-5-3, 3A, 3B:

EXHAUST SET-POINT IS SET AT (13,000 SCFM).

PDAL-K1-304:

PRE-FILTER K1-7-1 DIFFERENTIAL PRESSURE IS INDICATED AT THE HMI.

HS-K1-5B

EVAPORATOR ROOM PRESSURE IS INDICATED AT THE HMI.

CONTROL CIRCUIT. THE PDSL-K1-304 MUST BE MADE FOR THE SUPPLY FAN TO

AND K1-ENCL-300.

BOTH EXHAUST FANS AND SHUT DOWN RUNNING EXHAUST FAN.

INTERLOCK IS SET AT -3.5" W.C. DE-ENERGIZING PDSH-K1-304A AND DISABLING

AREAS WHEN BOTH K1 EXHAUSTERS ARE SHUTDOWN.

K1 COOLING COIL K1-3-1 CONTROL TIC-K1-405:

K1 SUPPLY PREHEAT CONTROL TIC-K1-403:

K1 HEATERS K1-2-1 AND K1-4-2 ARE ENABLED OR DISABLED FROM THE HMI.

HEATERS K1-2-1 AND K1-4-2 ARE ENABLED OR DISABLED FROM THE HMI.

Figure 2

REHEAT COILS MODULATING SCR CONTROLLERS WILL BE

REVERSED TO NORMAL DIRECTION WHEN THE SYSTEM IS STARTED, AND REVERSED TO REHEAT DIRECTION WHEN A K1 EXHAUST FAN IS RUNNING (K1-5-2 OR K1-5-3) FOR 45

MINUTES. IF HIGH HIGH DIFFERENTIAL PRESSURE OF 8" WG OR GREATER IS DETECTED, LIMIT EXHAUST FAN SPEED TO 80%.

ILLUMINATE HIGH HIGH DIFFERENTIAL PRESSURE LIGHT PDAHH-K1-320 ON

VCS, SET SPEED OF RUNNING EXHAUST FAN TO LOWER RPM, AND

REHEAT CONTROL ACTION WILL PREVENT INCREASED AIRFLOW TO

THE CONDENSER ROOM RELATIVE TO ATMOSPHERE IS INDICATED AT THE HMI.

AND HIGH PRESSURE DIFFERENTIAL CONDITIONS ARE ALARMED AT THE MCS.

DIFFERENTIAL PRESSURE ACROSS PRE-FILTER 1-15-2 IS INDICATED AT THE WES.

DIFFERENTIAL PRESSURE ACROSS FILTER 1-15-2 IS INDICATED AT THE WES.

DIFFERENTIAL PRESSURE ACROSS HEPA FILTER 1-6-4 IS INDICATED AND LOW

DIFFERENTIAL PRESSURE SETPOINT IS < 0.2 IN. WC.

HIGH DIFFERENTIAL PRESSURE ALARM SETPOINT IS > 2.5 IN. WC.

LOW DIFFERENTIAL PRESSURE ALARM SETPOINT IS < 0.2 IN. WC.

DIFFERENTIAL PRESSURE ACROSS HEPA FILTER 1-15-2 IS INDICATED AT THE WES.

LOW DIFFERENTIAL PRESSURE ALARM SETPOINT IS < 0.2 IN. WC.

DIFFERENTIAL PRESSURE ACROSS PRE-FILTER 1-15-1 IS INDICATED AT THE WES.

DIFFERENTIAL PRESSURE ACROSS PRE-FILTER 1-15-1 IS INDICATED AT THE WES.

DIFFERENTIAL PRESSURE ACROSS HEPA FILTER 1-6-4 IS INDICATED AT THE WES.

DIFFERENTIAL PRESSURE ALARM SETPOINT IS < 0.2 IN. WC.

LOW DIFFERENTIAL PRESSURE ALARM SETPOINT IS < 0.2 IN. WC.

DIFFERENTIAL PRESSURE ACROSS HEPA FILTER 1-6-4 IS INDICATED AT THE WES.

LOW DIFFERENTIAL PRESSURE ALARM SETPOINT IS < 0.2 IN. WC.

DIFFERENTIAL PRESSURE ACROSS HEPA FILTER 1-6-4 IS INDICATED AT THE WES.

LOW DIFFERENTIAL PRESSURE ALARM SETPOINT IS < 0.2 IN. WC.

DIFFERENTIAL PRESSURE ACROSS HEPA FILTER 1-6-4 IS INDICATED AT THE WES.

LOW DIFFERENTIAL PRESSURE ALARM SETPOINT IS < 0.2 IN. WC.