

START

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DON'T SAY IT --- Write It!

DATE: May 28, 1993

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SUBJECT: DECISIONS REACHED REGARDING THE VESSEL VENT SYSTEM AND HEPA
FILTRATION SYSTEM ASSOCIATED WITH THE WASTE WATER PILOT PLANT

Documented below are the agreements reached during the telephone conference call held on May 26, 1993. Should you have any questions, please call me at the number identified above.

The following additions are made to the subject system:

1. Vessel Vent System Vacuum Instrument Loop

- Indication
- High pressure alarm (visible & audible)
- Hi-Hi pressure, pump P-1 shutdown

This instrument loop addition will consist of a pressure indicating switch (PIS-VV) with 2 setpoints. The "High" setpoint ($P \geq -0.5$ "H₂O) will activate a pressure alarm high (PAH-VV). The "Hi-Hi" setpoint ($P \geq 0$ "H₂O) will shutdown the feed pump P-1.

2. Second Stage HEPA Differential Pressure Instrument Loop

- Indication
- Low Differential Pressure Alarm (visible & audible)
- Lo-Lo Differential Pressure, pump P-1 shutdown

This instrument loop addition will consist of a differential pressure (dp) indicating switch (DPIS-VV) with 2 set points. The "Low" setpoint ($dp \leq 0.5$ "H₂O) will activate a low dp alarm (DPAL-VV). The "Lo-Lo" setpoint ($dp \leq 0.25$ "H₂O) will shutdown the feed pump P-1.

These loops are shown schematically on the attached sketch.

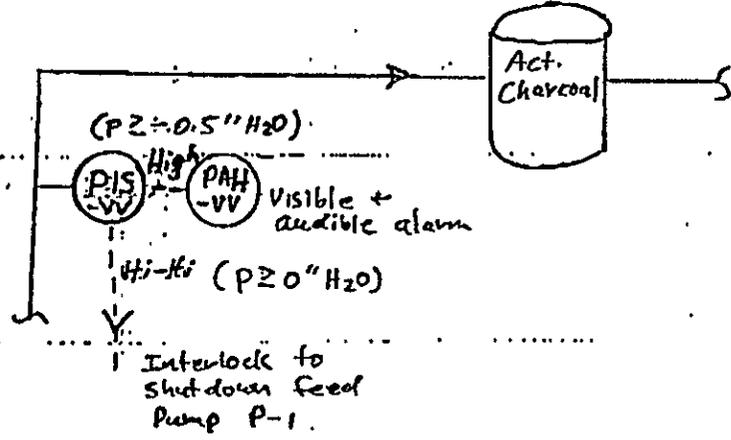


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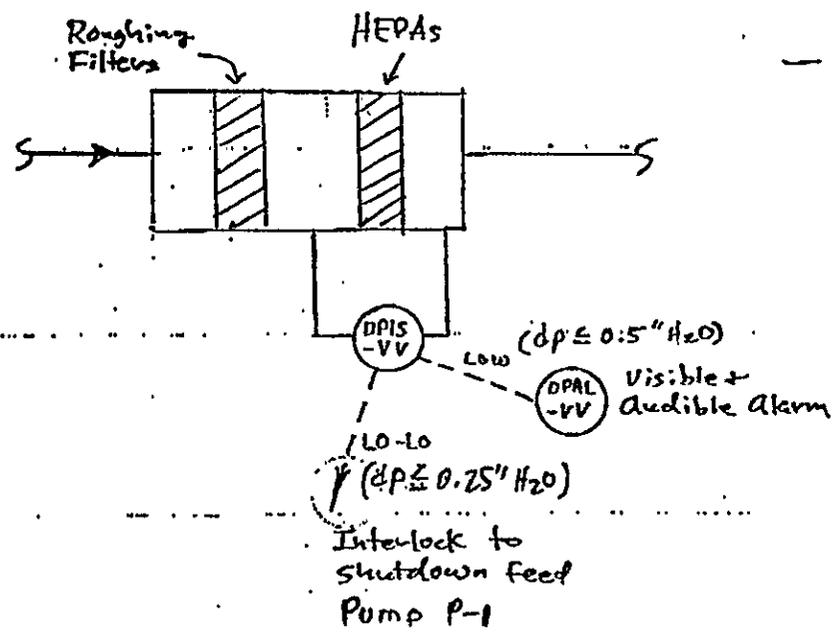
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P+ID's Vessel Vent System Instrument Additions

1. Vessel Vent System Vacuum - Indication
 - High Alarm (Visible + Audible)
 - Hi-Hi Pump Shutdown



2. Second Stage HEPA Differential Pressure - Indication
 - Low alarm (Visible + Audible)
 - LO-LO Pump Shutdown



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