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W.C. Engman

The following are potential source of aroclor atmospheric emissions.

Source	Remarks
1. Dept. 222 cooling system vent.	Low probability due to low operating temp. ( ) System has "drierite" in vent to prevent moisture entering
2. Dept. 222 heating vent	System not yet in operation
3. Dept. 248 cooling system vent on surge tank # 408	Low prob. due to low temp. No noticeable odors or fumes upon inspection.
4. Dept. 248 heating system vent on surge tank.	Material leaking from vent to 55 gal. drum. Odors present in area.
5. Dept. 259 surge tank vent.	System operates at Heavy Fumes and odors readily noticed in area.
6. Dept. 245 surge tank vent	Fuming heavily from corroded vent. Material visible on concrete and chat around unit. Odors is immediate area.
7. Dept. 273 surge tank vent.	Vent is rigid pipe to sewer. System not operating at time of inspection.

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Source	Remarks
8. Dept. 270 surge tank vent.	Vent discharge to chat Visible signs of material on chat beneath vent. No odor or fumes at inspection.
9. Dept. 243; #1, #2, #3 Tank Vents. System used for chlorinator cooling.	Vents are covered with loosely fitting caps. No noticeable fumes or odors.
10. Dept. 244; #1 and #2 pump tank vents.	Fumes and odors present during use and transfer.
11. Dept. 275 surge tank vent	Vents to collection bucket at ground. No fumes, odors, or material noticeable at unit.
12. Dept 258 surge tank vent.	Tank vents to room on third floor in operating dept. Unit used only during DDS production. Oper. @ 315°

Major source of losses are probably 4, 5, & 6 above. Initial Sampling should be conducted in these departments.

M. Pierle

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