R W. Flint

PCB REVIEW

I. FEDERAL E.P.A. REQUEST: PROGRAM TO ACHIEVE 1 PPB

MINIMUM: AROCLOR AND INCINERATOR H_2O
ALL VENTS BOTH OF ABOVE

MAXIMUM: TOTAL WGK EFFLUENT OR SAUGET
TREATMENT EFFLUENT TO RIVER

II. CURRENT PLANT LOSS AVERAGES

1. TOTAL PLANT

EFFLUENT		4-5000 GPM
AVE. LOSS PER DAY	2 LBS.	30-50 PPB
E.P.A. REQUEST	0.06 LBS.	1 PPB

2. INCINERATOR

EFFLUENT		150-200 GPM
AVE. LOSS PER DAY	0.015 LBS.	10-50 PPB
E.P.A. REQUEST	0.002 LBS.	1 PPB

3. AROCLOR - DEPARTMENT 246

EFFLUENT		50-300 GPM
AVE. LOSS PER DAY	0.5 LBS.	100-600 PPB
E.P.A. REQUEST	0.002 LBS.	

4. BACKGROUND FROM REST OF PLANT 1-1.5 LBS./DAY

NONE PCB SEWER LEVELS 1-10 PPB

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III. VERSAR DATA (BASE FOR E.P.A. VISIT)

1. CARBON TREATMENT COSTS MINIMUM

CAPITAL - AROCLOR + INCINERATOR	$1,600,000
OPERATING PER YEAR	400,000
VOLUME TOTAL	400 GPM
LOAD BASE, PCB	50 PPB
TIMING TO INSTALL	1 - 1-1/2 YEARS
RESEARCH COSTS TO PROVIDE ABOVE	$200,000 +

2. CARBON TREATMENT COSTS MAXIMUM

CAPITAL, WGK EFFLUENT	$10,000,000 +
OPERATING PER YEAR	2,000,000 +
VOLUME	4000-5000 GPM
TIMING	?

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IV. PRESENT REPORTING SITUATION

1. NO PCB LOSS DATA IS REPORTED ROUTINELY TO THE STATE AGENCY.

2. NO PCB LOSS DATA TO THE FEDERAL AGENCY.

PRIOR TO THE MAY 1976 MEMO, THERE HAD BEEN NO REQUEST FOR ROUTINE REPORTING.

V. OBJECTIVES TO BE ACHIEVED AT JUNE MEETING WITH FEDERAL E.P.A.

1. NO ADDITIONAL CAPITAL SPENT IN THE PCB AREA.

2. NO ROUTINE REPORTING ON PCB LOSSES TO THE FEDERAL/STATE AGENCY.

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VI. TO ACHIEVE OBJECTIVES

RECOMMEND

1. SET "CEASE MANUFACTURING OPERATIONS" DATE.

2. RESOLVE INVENTORY - NO INVENTORY POLICY ASSOCIATED WITH ABOVE.

3. SET CUSTOMER SCRAP RETURN "CUT-OFF" DATE.

A. E. Leisy

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