Monsanto

FROM (NAME & LOCATION): J. A. Alley - B2SD

DATE: May 16, 1977

SUBJECT:

REFERENCE:

TO: W. Engman
1740

cc: T. Carrico
W. Crabtree
J. Crowley
W. Hoerr
M. C. Jordan
J. Kleffner
A. Leisy
E. M. Potter
C. Sigler
R. Skoff
J. Smith
D. Wood
N. Kamper

1. This memo concerns bulk and drum shipments of Aroclor 1016 and drum shipments of transformer grades for June through October 1977. The attached sheets reflect my planning for shipments based on current forecasts and the requirement for unusually heavy 1016 shipments during September and October.

2. Generally, almost all of our bulk 1016 customers will be close to topped-off in their bulk storage tanks in August. Therefore, tank cars would return to Monsanto only as a result of normal usage rates. As a result, I propose to make bulk shipments at the rate required by customer usage through August. The tank cars will roll out at an accelerated rate in September and October.

3. In the PCB tank car fleet we have a total of 45 cars. This number is distributed as follows:

Number	Size
27	8,800 gallons
8	8,000 gallons
1	10,000 gallons
9	4,000 gallons
45	

4. Current planning for shipment of PCB waste to an outside incinerator will require the following tank cars:

Number	Size
1	10,000 gallons
1	8,000 gallons
5	4,000 gallons
7	

5. Assuming no mechanical or leaking problems this would leave 38 tank cars which are theoretically available for shipment of 1016. However, I think we should conservatively plan and assume that mechanical or leakage problems might prevent five 8M gallon tank cars from being used for shipments. I am making this assumption even though you and Jim Smith are currently involved with an inspection program for the

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tank car fleet. In view of the age of the fleet, and our previous experience, we really don't know how well these tank cars will hold up between now and September. Therefore, with the assumption of five bad tank cars, we would have 33 roadworthy cars. The number of 33 is composed of twenty-nine 8M gallon cars and four 4M gallon cars, or the equivalent of thirty-one 8M gallon cars.

6. As you can see on Attachment A there is the requirement for thirty-three 8M gallon tank cars shipments in September and October. It seems reasonable, based on previous experience, to assume that at least three of the fourteen September tank cars will return for October shipments. Thus, the number of 8M gallon tank cars needed for September and October is:

   33 - 3 = 30 Tank Cars

   So, if my assumption about five bad tank cars proves correct, we would still have one 8M gallon tank car beyond our requirements for shipments (31-30=1).

7. In case we do not have five bad tank cars, these cars would be a cushion against any minor slippage in shipments from August into September. Obviously, I will do all I can to prevent any slippage from occurring.

8. There are orders being held by the International Division which can not be entered on the plant until an import license or letter of credit is received. Tom Carrico and Bill Crabtree should check the orders entered against the attachments. Also, I have assumed all orders scheduled to ship in May will actually go.

9. Currently, I would expect about 400 drums of Inerteen 70/30 to ship to G.E. Service shops in October. (See attachment D). There is the possibility of additional business to G.E. in view of the anticipated volume of excess 1254. A recommendation has been prepared to try to obtain additional 70/30 business from G.E.

10. We must "ride herd" on the tank car fleet to make sure they are promptly released in August and September so 1016 shipments can be made as indicated in Attachment A.

11. I have tried to spread tank car and drum shipments between September and October so as to minimize logistical problems in physically moving material out of W.C. Krummrich. So, the question "Is this a logistically feasible plan?" should be asked. If the recipients of this memo have a better logistical plan please spell it out in written detail. Comments please.

J. A. Alley

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AROCLOR 1016

	June	July	August	Assume All tank cars return and road worthy for Sept. Shipment.	September	Assume 3 TC's return and are road worthy for October shipments.	October
Aerovox	2 TC	1 TC	2 TC		5 TC (5 x 8M)		6 TC (6 x 8M) 825 Drums
EUC	2 TT	-	1 TT		2 TT		1 TT Their own TT 1 TC (1 x 8M) 134 Drums
UMC Bridge	1 TC	1 TC	1 TC		1 TC (1 x 8M)		2 TC (2 x 8M)
UMC Totowa	1 TC	1 TC	1 TC		4 TC (4 x 8M) (150 Drums)		3 TC (3 x 8M)
C-D	1 TC	-	1 TC		1 TC (1 x 8M) (150 Drums)		1 TC (1 x 8M)
Jard	1 TC	-	1 TC		1 TC (1 x 8M)		-
Mallory	1 TC	1 TC	1 TC		1 TC (1 x 8M) (150 Drums)		4 TC No bulk storage. (4 x 8M)
Aerovox Amherst	1 TC	-	-		1 TC (1 x 8M)		2 TC (2 x 8M)
G.E. Canada	-	1 TC	-		-		-
Carolina Capacitor	34 Drums	-	-		-		67 Drums
York Capacitor	-	44 Drums	-		44 Drums		88 Drums
G.E. Fort Edwards	-	-	-		-		-
Allanson	10 Drums	10 Drums	10 Drums		10 Drums		50 Drums
West. London	-	-	-		-		74 Drums
Electrocap	8 Drums	7 Drums	7 Drums		22 Drums		-
Inducon	39 Drums	-	-		-		-
Capacitors Lima	-	11 Drums	-		-		-
Koblenz	37 Drums	-	-		-		-
West Terre Haute	-	1 Drum	-		1 Drum		-
TOTAL TANK CARS	8	5	7		14		19
TOTAL DRUMS	128	73	17		527		1238
TOTAL TANK TRUCKS	2	-	1		2		1

ATTACHMENT A

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INERTEEN 100 - 42

Per my telecon with Virgil Brawley on 5/13/77 we have 209 drums on hand with 185 drums committed to customer. I have quoted Westinghouse, Pittsburgh on the remaining 24 drums as they have expressed interest in purchasing.

ATTACHMENT B

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PYRANOL A13B3B-3

	JUNE	JULY	AUGUST	SEPT.	OCTOBER
G.E. Rome/Blair, Tenn.	2 TC	-	-	-	-
G.E. Rome/Sargents, Ohio	220 Drums	-	-	-	-
West. Maywood, Ill.	-	130 Cans	-	-	-
TOTALS	2 TC 220 Drums	130 Cans			

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ATTACHMENT C

INERTEEN 70/30

	June	July	August	September	October
Westinghouse, St. Louis	162 Dr.	33 Dr.	-	-	-
Westinghouse, Canada	30 Dr.	2 Dr.*	-	-	-
Westinghouse, Kenosha, Wis.	-	22 Dr.*	-	-	-
G.E. Service Shops	44 Dr.*	44 Dr.*	44 Dr.*	44 Dr.*	399 Dr.*
TOTAL	236 Dr.	101 Dr.	44 Dr.	44 Dr.	399 Dr.

* Estimated month of shipment

Please note that I am trying to sell additional 70/30 in drums to G.E. Service Shop Division.

ATTACHMENT D

DSW 185645

STLCOPCB4051794

AROCLOR 1254

	June	July	August	September	October
Sicela Argentara	10 Dr.*				
Torcap Uruguay	12 Dr.**				
Torcap Uruguay	13 Dr.**				
Torcap Uruguay	-	4 Dr. **			
TOTALS	35 Dr.	4 Dr.			

*Might ship in May if material is available.

**Estimated shipping months. Need letter of credit.

ATTACHMENT E DSW 185646