Monsanto

FROM (NAME & LOCATION) H. J. Day - St. Louis G. O.

Grumman / Mc Cutchan

Copies made 3/5/70

DATE March 2, 1970

SUBJECT Aroclors

REFERENCE

TO : H. W. Tippee

cc: W. A. Kuhn (2)
J. E. Smith - JSMIT (2)
H. S. Bergen
H. L. Williams - ANNISTON
T. W. Dalton - KRUMMRICH
J. A. Morgan - JMORG
R. E. Bilger - RBILG
D. A. Olson - DOLSO
J. E. Springgate - JSPRI
R. M. Kountz - RKOUN CED
W. B. Papageorge
2 Extra

The attached shows the U.S. requirements for Aroclors (liquid and solids) for the next five years. These figures are based on the set of sales forecasts dated 2/15/70 (all figures are in M lbs.).

H. J. Day

sfn

Enclosures

DSW 301907

STLCOPCB4069050

Liquid Aroclors

5-Year Forecast (in M lbs.) U. S.

	4/1/70-3/31/71	1971	1972	1973	1974
WGK					
1232	378	430	534	695	774
1242	24,970	27,048	29,801	32,717	35,444
1248	6,807	7,533	8,270	8,835	9,015
1254	7,819	8,357	8,934	9,614	10,114
1260	2,916	2,988	3,270	3,550	3,764
1262	82	100	100	125	125
TOTAL	42,972	46,456	50,909	55,536	59,236
12					
1232	1186	785	899	1070	
1242	56481	59738	64732	69837	73626
1248	8021	8766	9569	10199	10799
1254	13809	14493	15241	16198	
1260	4412	4568	4996	5423	5747
Anniston					
1242	31,511	32,690	34,931	37,120	38,182
1248	1,214	1,233	1,299	1,364	1,384
1254	5,990	6,136	6,307	6,584	6,810
1260	1,496	1,580	1,726	1,873	1,983
1262	1,057	1,069	1,135	1,175	1,239
TOTAL 1221	460	219	225	230	235
1232	808	355	365	375	385
TOTAL	42,536	43,282	45,988	48,721	50,218
1262	1139	1169	1235	1300	
Division Total	85,508	89,738	96,897	104,257	109,454
Capacity*	110,000	110,000	110,000	110,000	110,000
% Capacity	78	82	88	95	100

1969 Actual Production

WGK	Anniston	Total
42,758	33,629	76,387

*Reduced from previous reports - now based on 1970 Standards

DSW 301908

STLCOPCB4069051

Solid Aroclors

5-Year Forecast (in M lbs.)

	4/1/70-3/31/71	1971	1972	1973	1974
1268	427	503	603	703	803
4465	935	929	979	1,031	1,081
5060	563	600	650	700	750
5442	136	126	146	166	186
5460	13,744	15,658	17,083	18,309	19,304
TOTAL	15,805	17,816	19,461	20,909	22,124

With 4465 being made by blend process, the net solids will be:

	467	465	490	515	540
Net Solids Demand	15,338	17,351	18,971	20,394	21,584
Capacity	30,000	30,000	30,000	30,000	30,000
% Capacity	51	58	63	70	74

1969 Actual Production 12,672

DSW 301909

STLCOPCB4069052

JAN/70

		70	71	72	73	74
INFRTEEN	9	680 (−)	685 (−)	710 (−)	770 (−)	810
A-200	1	4200 (UP)	4800 (UP)	5000 (UP)	5200 (UP)	5200
A13	1	1161 (−)	1173 (−)	1268 (−)	1382 (−)	1470
70-30	2	4209 (−)	4695 (−)	5047 (−)	5505 (−)	5827
1242		24218 (UP)	27049 (UP)	29801 (UP)	32717 (UP)	35445
48		6662 (UP)	7532 (UP)	8270 (UP)	8836 (UP)	9015
54		7697 (−)	8357 (−)	8934 (−)	9614 (−)	10113
60		2891 (−)	2988 (−)	3270 (−)	3551 (−)	3764
62		75 (−)	100 (−)	100 (−)	125 (−)	125
100-42	3	730 (−)	800 (−)	860 (−)	1000 (−)	1140
54-10% AXEGUE	1	150 (−)	150 (−)	150 (−)	150 (−)	150
280	2	750 (UP)	875 (UP)	975 (UP)	1075 (UP)	1075

GROUNDING HELP

DSW 301910

STLCOPCB4069053

Filing system in general?

cc: R. M. McCutcheon
E. Grumann

onsanto

H. J. Day - St. Louis G. O.

August 28, 1969

AROCLORS

?

J. E. Smith - JSMIT

W. A. Kuhn - WKUHN
E. S. Robson - EROBS
H. S. Bergen - HBERG
Jack Molloy - WGK
Hill Williams - ANNISTON
N. L. Sample - NSAMP
H. W. Tippee - HTIPP
R. M. Kountz - RKOUN
W. F. Waychoff/C. Paton
J. E. Springgate - JSPRI
W. E. Schalk - WSCHA

The attached shows the U.S. requirements for Aroclors (liquid and solids) for the years 1970 - 1973. These figures are based on the set of sales forecasts dated Aug. 18, 1969. (All figures are in M lbs.)

H. J. Day

/sw

DSW 301911

STLCOPCB4069054

LIQUID AROCLORS

5-YEAR FORECAST (IN M LBS.) U.S.

	1970	1971	1972	1973
W.G.K.				
1232*	331	389	474	559
1242	23,396	26,346	28,814	31,148
1248	5,807	6,535	7,023	7,594
1254	7,698	8,357	8,934	9,614
1260	2,859	2,960	3,238	3,519
1262*	75	100	100	125
TOTAL	40,166	44,687	48,583	52,559
ANNISTON				
1242	31,046	32,690	34,931	37,120
1248	1,246	1,277	1,350	1,420
1254	6,020	6,136	6,307	6,584
1260	1,467	1,580	1,726	1,873
1262	1,047	1,069	1,135	1,175
1221	532	219	225	230
1232	942	355	365	375
TOTAL	42,300	43,326	46,039	48,777
Division Total	82,466	88,013	94,622	101,336
Capacity	123,000	123,000	123,000	123,000
% Capacity	67	71	77	82

1969 Actual Production

	7 Months	7 Months Annualized
W.G.K.	23,930	41,000
Anniston	22,560	38,800
TOTALS	46,490	79,800

DSW 301912

STLCOPCB4069055

SOLID AROCLORS

5-YEAR FORECAST (IN M LBS.)

	1970	1971	1972	1973
1268	468	503	603	703
2565	0	0	0	0
4465	926	920	970	1,022
5060	550	600	650	700
5442	140	126	146	166
5460	13,200	15,189	16,588	17,788
Total	15,284	17,338	18,957	20,379

With 4465 being made by blend process, the net solids will be -

	463	460	485	511
Net Solids Demand	14,821	16,878	18,472	19,868
Capacity (10 Old, 20 New)	30,000	30,000	30,000	30,000
% Capacity	49	56	62	67

1969 Actual Production

7 Months	7 Months Annualized
8,560	14,700

DSW 301913

STLCOPCB4069056

cc T.E. Greenman
H.F. RAY
L.M. McCutcheon
D.T. Mayer / A. NOGEL

Monsanto

F- 246-21

FROM (NAME & LOCATION) H. J. Day - General Offices

DATE : December 2, 1968

SUBJECT LIQUID AROCLORS
5-YEAR FORECAST

REFERENCE :

TO : Mr. W. A. Kuhn

cc: H. S. Bergen - HBERG
D. B. Hosmer - DHOSM
R. M. Kountz - RKOUN
Joseph Landwehr - ANNIST
J. Molloy - WKG
W. B. Papageorge/
H. L. Williams - ANNIST
E. S. Robison - EROBI
N. L. Sample - NSAMP
H. W. Tippee - HTIPP
E. S. Robson - EROBS
Bob Yates - RYATE
D. A. Olson - DOLSO

The attached shows the U.S. requirements for Liquid Aroclors through 1973. This is based on sales estimates received up through November 15, 1968.

Herb

H. J. Day

jms

Attachment

DSW 301914

STLCOPCB4069057

LIQUID AROCLORS

5-YEAR FORECAST (IN THOUSANDS OF POUNDS) - U.S.

WGK	1969	1970	1971	1972	1973
1232	249	251	310	373	409
1242	19,780	21,924	24,671	26,699	29,572
1248	5,575	7,638	8,407	8,952	9,285
1254	7,462	9,901	10,624	11,310	11,997
1260	5,071	3,495	4,409	4,457	5,103
1262	300	330	360	390	420
Total WGK	38,437	43,539	48,781	52,181	56,786
ANNISTON					
1242	40,913	43,757	47,310	48,430	48,885
1248	1,822	1,650	1,926	2,326	2,667
1254	5,597	5,955	6,016	6,161	6,450
1260	921	370	380	381	391
1262	503	559	611	667	720
1221	44	54	65	75	85
1232	985	999	1,010	1,023	1,036
Total Anniston	50,785	53,344	57,318	59,063	60,234
DIVISION TOTAL	89,222	96,883	106,099	111,244	117,020
CAPACITY	123,000	123,000	123,000	123,000	123,000
% Capacity	72	79	86	90	95

DSW 301915

STLCOPCB4069058

Monsanto

H. J. Day - General Offices

DATE: February 27, 1968

SUBJECT: LIQUID AROCLORS REQUIREMENTS THROUGH 1972

REFERENCE:

TO: H. W. Tippee

cc H. S. Bergen - HBERG
H. C. Carder - HCARD
D. B. Hosmer
N. L. Sample
R. P. Stevens - RSTEV
R. S. Yates - RYATE
3 Extra

The attached shows the U. S. requirements for Liquid Aroclors through 1972. This is based on sales estimates received by this Group on February 15, 1968, and includes changes made by Westinghouse by going to 100% Aroclor 1242 instead of Aroclor-TCB blends.

Note that the new 1968 calculation shows about 99% occupancy! Considering sales surges plus lack of storage, supply problems can be expected in 1968. A considerable effect on demand was caused by reduction in the need for Aroclor blends and an increase in the Aroclor used to take the place of the blends.

Obviously, it is most important that present expansion plans proceed as rapidly as possible. Although at the moment Anniston has been able to handle all requirements, we are having a difficult time meeting required shipping dates at WGK and some orders are being transferred to Anniston.

H. J. Day

/bw

Attachment

DSW 301916

2-27-68

LIQUID AROCLORS

5-YEAR FORECAST (In Thousands of Lbs.)

Total Required from U.S. Plants

	1968	1969	1970	1971	1972
Krummrich					
1242	17,453	19,160	21,937	26,219	26,013
1248	4,975	4,636	4,602	4,481	4,910
1254	4,521	4,679	5,102	5,597	5,897
1260	6,676	6,939	7,329	8,120	8,463
1262	129	135	145	155	165
Total WGK	33,754	35,999	39,115	44,572	45,448
Anniston					
1242	35,951	37,495	38,941	41,791	43,497
1248	1,862	1,960	2,049	2,374	2,764
1254	5,000	5,223	5,002	4,822	4,642
1260	2,304	2,360	2,725	2,878	3,009
1262	638	649	641	656	694
1221	113	120	130	140	150
1232	843	863	926	993	1,045
Total Anniston	46,711	48,670	50,414	53,654	55,801
DIV. TOTAL	80,465	84,669	89,529	98,226	101,249
CAPACITY	81,600				

DSW 301917

STLCOPCB4069060

F: SALES FORECASTS

cc. R. M. McCutcheon

Monsanto

FROM (NAME & LOCATION): H. J. Day, St. Louis General Offices

DATE: September 7, 1967

SUBJECT: LIQUID AROCLORS
Requirements Through 1972

REFERENCE:

TO: Mr. H. W. Tippee

cc: H. C. Carder - HCARD
G. R. Buchanan - GBUCH
J. Cresce - JCRES
Lou Furrmeister - Anniston
P. E. Heisler - Krummric
D. B. Hosmer - DHOSM
N. L. Sample - NSAMP
R. P. Stevens - RSTEV
Jack Molloy - Krummric
Hill Williams - Anniston
Bob Yates - RYATE

The attached shows the U. S. requirements for Liquid Aroclors through 1972. This is based on sales estimates received by this group on August 17, 1967.

Note that the forecast is down somewhat from that calculated on July 13, 1967. Current Anniston capacity is 48,000 M lbs./year and WGK capacity is 28,800 M lbs/yr., total, 76,800 M lbs./year. It might be interesting to note that 7 months 1967 total liquid aroclor production has been at an annual rate of 73,700 M lbs./year and inventories at this writing are at a maximum.

Herb

H. J. Day

jms

Attachment

DSW 301918

STLCOPCB4069061

9-7-67

LIQUID AROCLORS
5-YEAR FORECAST (IN THOUSANDS OF LBS.)
TOTAL REQUIRED FROM U.S. PLANTS

	1968	1969	1970	1971	1972
Krummrich					
1242	16,107	19,037	21,484	23,772	25,572
1248	5,049	4,596	4,571	4,447	4,861
1254	4,831	5,039	5,462	5,957	6,257
1260	6,638	6,953	7,345	8,140	8,485
1262	125	135	145	155	165
	32,750	35,760	39,007	42,471	45,340
Anniston					
1242	28,686	29,745	30,691	33,491	35,247
1248	1,782	1,908	1,993	2,308	2,708
1254	8,647	9,426	9,555	9,445	9,265
1260	2,291	2,360	2,725	2,878	3,009
1262	630	649	641	656	694
1221	110	120	130	140	150
1232	593	463	526	593	645
	42,739	44,671	46,261	49,511	51,718
DIV. TOTAL	75,489	80,431	85,268	91,982	97,058

DSW 301919

H. J. Day
9/7/67

STLCOPCB4069062

cc K. M. McCutcheon

FILE IN SALES FORECAST

Monsanto

FROM (NAME & LOCATION) H. J. Day, St. Louis General Offices

DATE July 13, 1967

SUBJECT LIQUID AROCLORS
Requirements Through 1971

REFERENCE

TO : Mr. H. W. Tippee

H. C. Carder	- HCARD
G. R. Buchanan	- GBUCH
J. Cresce	- JCRES
Lou Fuhrmeister	- Anniston
P. E. Heisler	- WGK
D. B. Hosmer	-DHOSM
N. L. Sample	- NSAMP
R. P. Stevens	- RSTEV
Jack Molloy	- WGK
Hill Williams	- Anniston
Bob Yates	- RYATE

The attached shows the U. S. requirements for Liquid Aroclors through 1971. This is based on sales estimates received by this group on May 10, 1967, plus any official changes to that forecast received to date.

Mr. Buchanan has indicated that he will be adding about 2 M lbs. more to requirements when he submits his next set of forecasts (now in preparation).

Herb

H. J. Day

/jms

Attachment

DSW 301920

STLCOPCB4069063

LIQUID AROCLORS
5-YEAR FORECAST (in thousands of lbs.)
TOTAL REQUIRED FROM U. S. PLANTS

	1968	1969	1970	1971
Krummrich				
1242	16,514	18,871	21,354	23,581
1248	4,908	4,588	4,185	4,271
1254	5,535	6,184	6,794	7,194
1260	6,190	7,369	7,881	8,773
1262	160	170	180	190
TOTAL	33,307	37,182	40,394	44,009
Anniston				
1242	29,598	31,168	32,879	36,064
1248	2,168	2,398	2,607	2,772
1254	10,101	11,116	10,425	9,925
1260	1,721	1,903	2,168	2,314
1262	618	633	647	656
1221	140	150	160	170
1232	1,162	1,205	1,274	1,344
TOTAL	45,508	48,573	50,160	53,245
DIV. TOTAL	78,815	85,755	90,554	97,254

DSW 301921

STLCOPCB4069064