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INTEROFFICE COMMUNICATION

Westlake, Louisiana
October 14, 1970

TO: Mr. R.L. Hyberger

SUBJECT: OXY REACTOR CATALYST CHARGE FOR NOVEMBER 1970.

The next recharge of the oxy reactors shall contain the following pattern:

R-301 (from bottom to top)

7" of 1/2" Raschig rings --six boxes (2 cubic feet each)
26" of 100% catalyst--10 drums (Use lot number 41)
26" of 65% catalyst--10 drums blend (7 drums catalyst-lot number 70)
26" of 45% catalyst--10 drums blend (5 drums catalyst-lot number 70)
40" of 32% catalyst--16 drums blend (5 drums catalyst-lot number 70)
19" of silica in tubes--48 bags (75 lbs. each)
2" of silica on top of tubesheet--15 bags (75 lbs/bag)

R-302 (from bottom to top)

7" of 1/2" Raschig rings--6 boxes (2 cubic feet each)
52" of 100% catalyst--20 drums (9 drums lot number 41, 11 drums lot number 52)
26" of 65% catalyst--10 drums blend (7 drums catalyst-lot number 70)
40" of 45% catalyst--16 drums blend (7 drums catalyst-lot number 70)
19" of silica in tubes--48 bags (75 lbs each)
2" of silica on top of tubesheet--15 bags (75 lbs/bag)

R-303 (from bottom to top)

7" of 1/2" Raschig rings--6 boxes (2 cubic feet each)
118" of 100% catalyst--(Use 2 drums lot number 39, 3 drums lot number 40,
3 drums lot number 53, 2 drums lot number 43 and
36 drums lot number 55)
19" of silica in tubes--48 bags (75 lbs/bag)
2" of silica on top of tubesheet--15 bags (75 lbs/bag)

The blends for R-301 and R-302 should be made as follows:

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CCR 000034191

<u>Strength</u>	<u>Location</u>	<u>Drums catalyst for batch</u>	<u>Bags Silica For Batch</u>	<u>Total No. of Batches</u>
32%	R-301	1 (Use lot no. 70 only)	12	5
45%	R-301/R-302-1	(Use lot no. 70 only)	7	12 ⁵⁺⁷
65%	R-301/R-302-1	(Use lot no. 70 only)	3	14

All drums of blended material should be marked with the catalyst lot number, percent catalyst and date blended.

Present stock of pure catalyst is as follows:

Lot No.

39 2 drums ✓
 40 3 drums ✓
 41 19 drums ✓
 43 23 drums - 21 mw
 49 23 drums - 23 mw
 52 37 drums - 26 mw
 53 3 drums ✓

Lot No.

55--36 drums - 2 mw
 56--37 drums - 37 mw
 57--37 drums - 37 mw
 70--37 drums - 6 mw

Total Drums - 257

The total quantity of catalyst, silica and rings to be used are as follows:

1/2" Raschig rings	18 boxes	(Material in tubes only)
Pure catalyst	107 drums	29,500 lbs.
Silica	385 bags	28,900 lbs.

J.D. Minott
 J.D. Minott

JDM-BS

cc: RHG
 DKP
 RDG
 HOA
 CLS