CCR 000006300

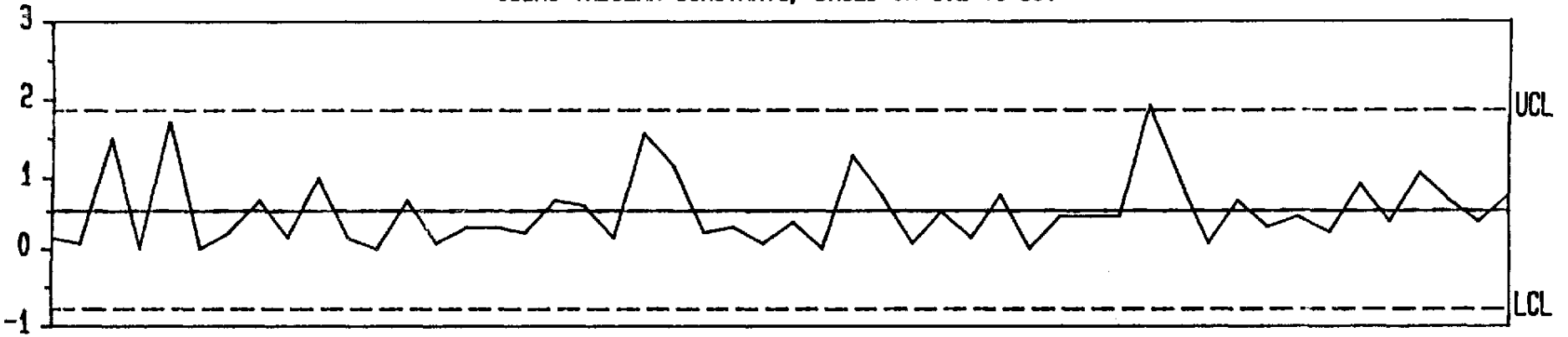
5385 RVCM 2ND Q FY90

VISTA POLYMERS 04-03-1990

Individuals

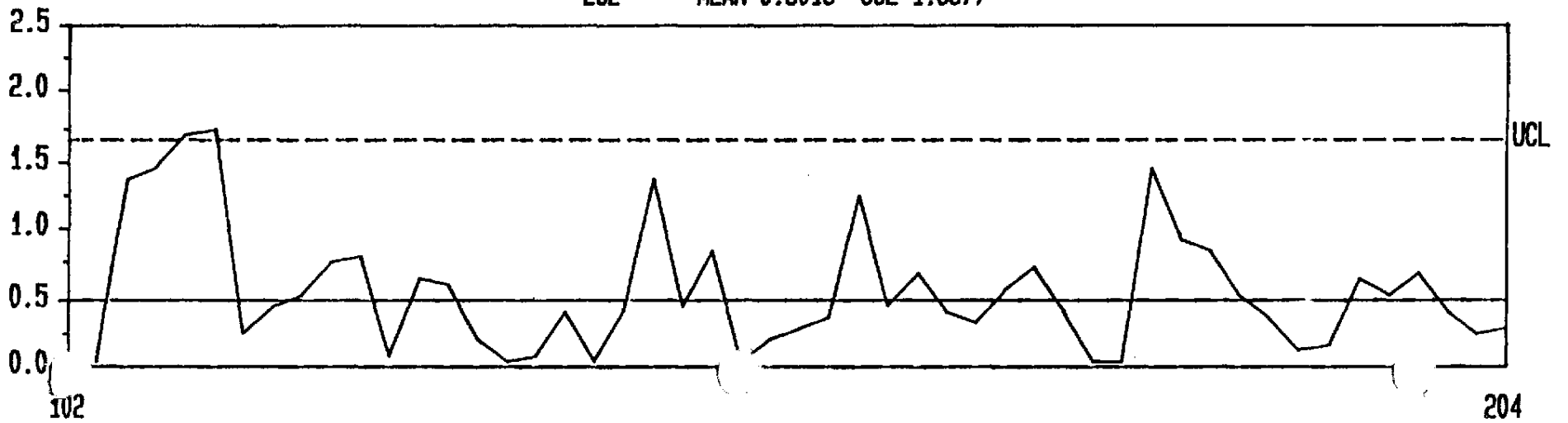
LCL=-.7967 MEAN=0.5367 UCL=1.8701

USING TABULAR CONSTANTS, BASED ON 102 TO 330



Moving range, n=2

LCL=--- MEAN=0.5013 UCL=1.6377



CCR 000006301

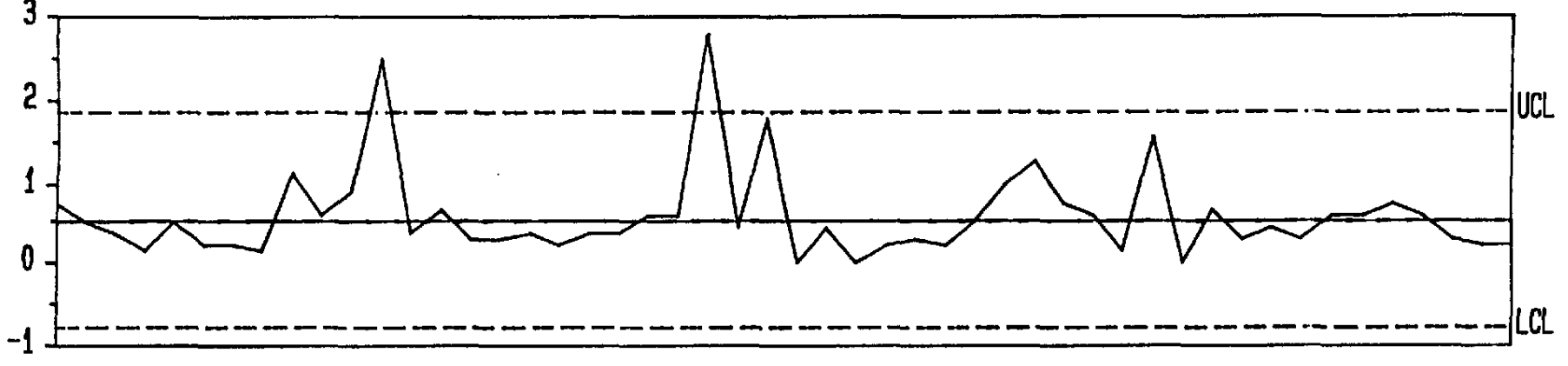
5385 RVCM 2ND Q FY90

VISTA POLYMERS 04-03-1990

Individuals

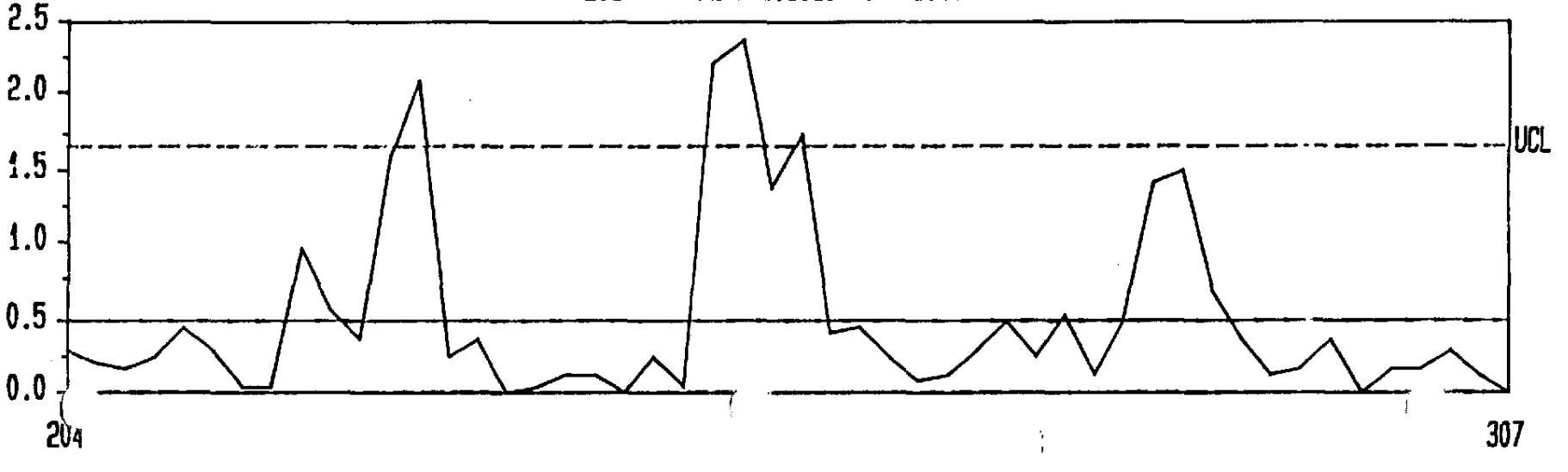
LCL=-.7967 MEAN=0.5367 UCL=1.8701

USING TABULAR CONSTANTS, BASED ON 102 TO 330



Moving range, n=2

LCL=— MEAN=0.5013 UCL=1.6377



5385 RVCM 2ND Q FY90

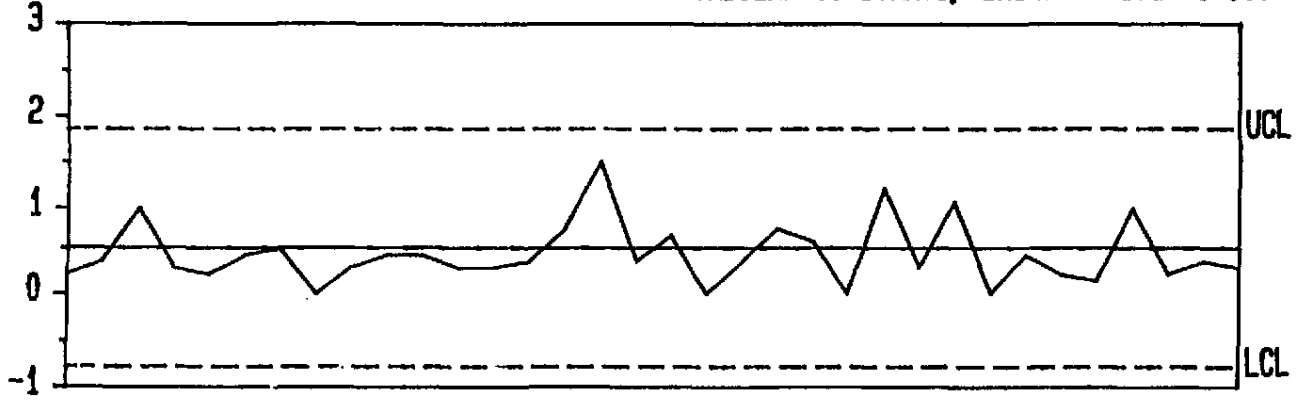
VISTA POLYMERS 04-03-1990

CCR 000006302

Individuals

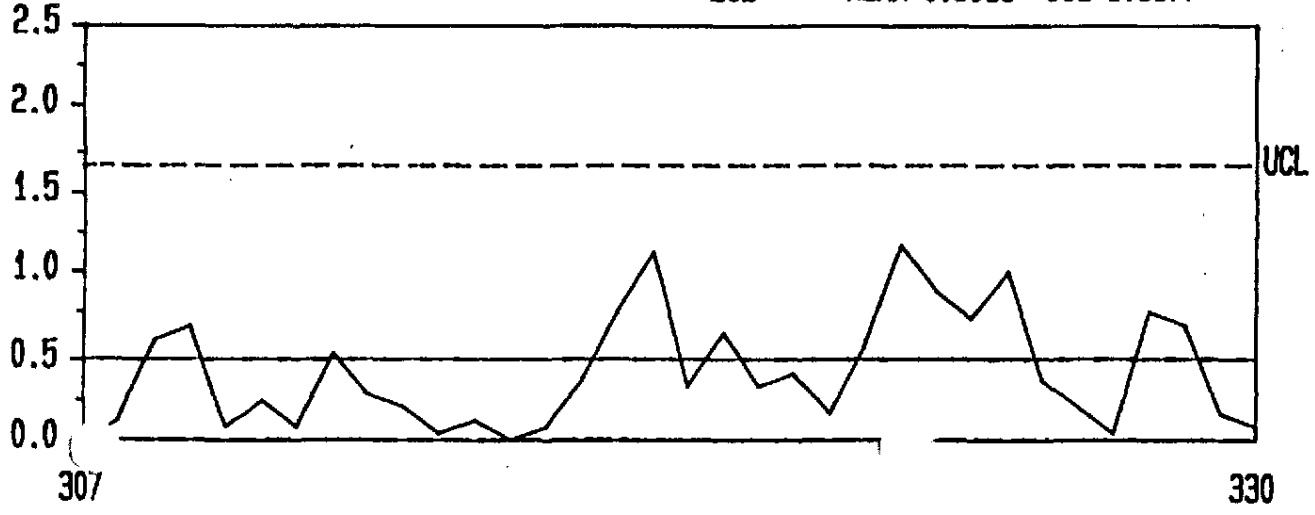
LCL=-.7967 MEAN=0.5367 UCL=1.8701

USING TABULAR CONSTANTS, BASED ON 102 TO 330



Moving range, n=2

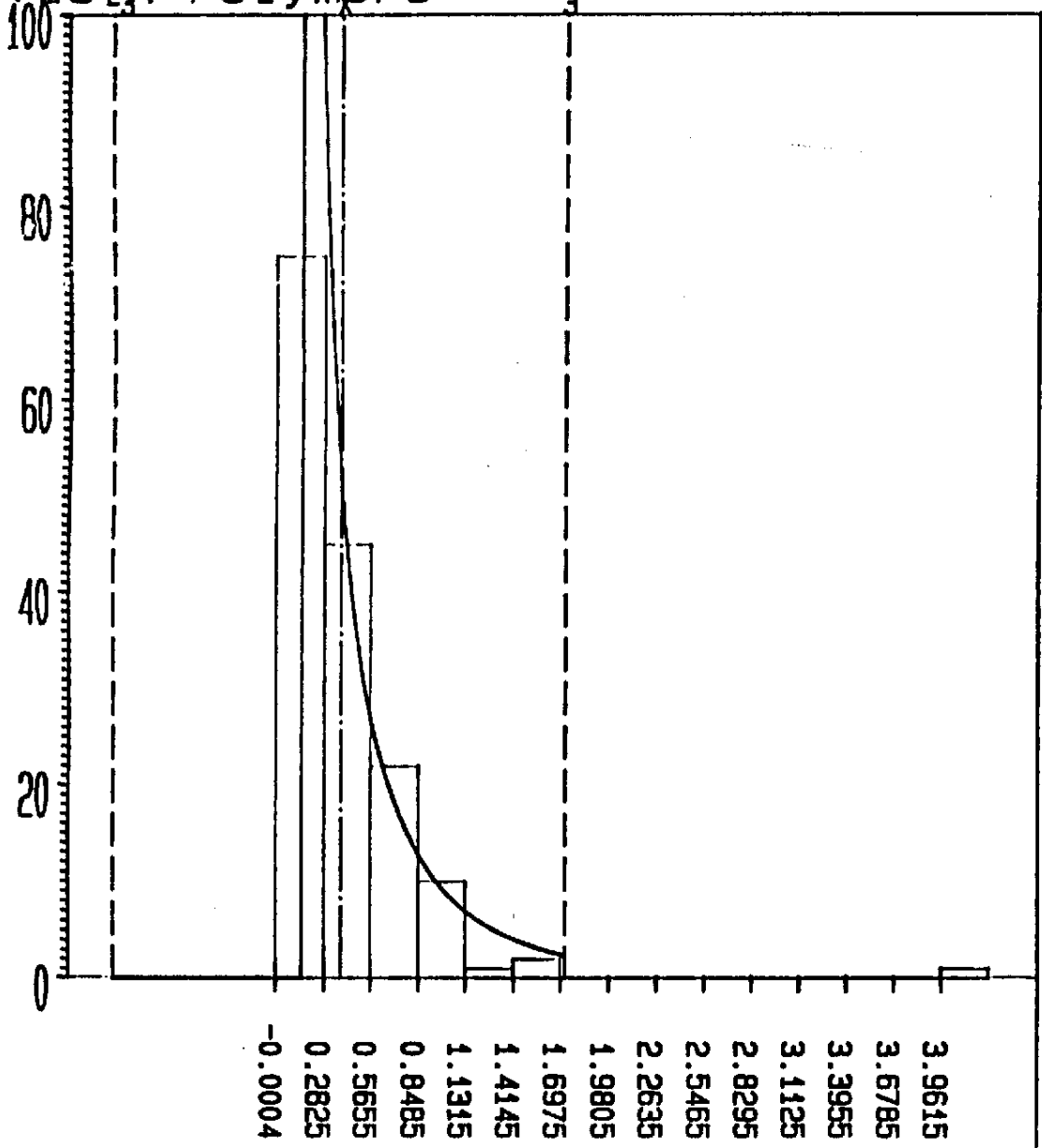
LCL=—— MEAN=0.5013 UCL=1.6377



5305 RVCM 2ND Q FY90

VISTA Polymers

04-02-1990



Date: 04-02-1990	
Interval = 0.2830	
All samples (n=4)	
156 data points	
lower boundary	
Mean = 0.3812	
Sigma Indiv= 0.4472	
Est. Sigma = 0.1715	
Coeff.Var. = 1.1731	
Min. Value = 0.000	
Max. Value = 4.244	
Kurtosis = 33.733	
Skewness = 4.450	
Chi Squared= 10.888	
deg. free. = 1	
Conf. Level= 95%	
Inv Beta fails ChiSq	

Capability	
Using Sigma Indiv	
Cpk =	0.53
Cp =	0.53
Cr =	1.90
Z upper =	3.62
Z lower =	.
Actual %	
Above Spec =	0.64
Below Spec =	0.00
Out of Spec=	0.64
Theoretical %	
Above Spec =	1.95
Below Spec =	0.00
Out of Spec=	1.95
Mean + 3s =	1.7229
Mean - 3s =	-0.9604

CCR 000006303

5305 RVCM 2ND Q FY90

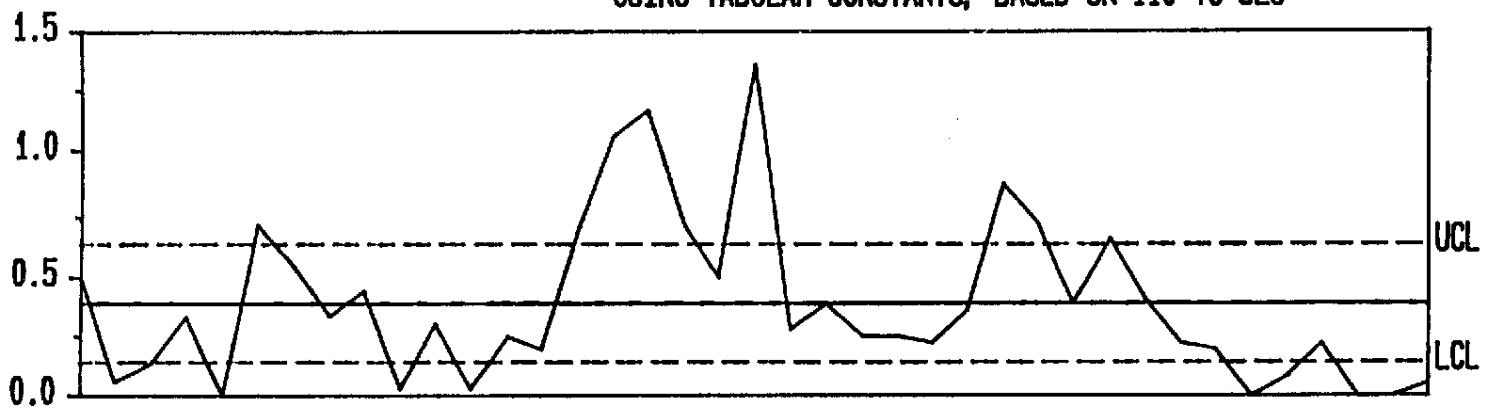
VISTA POLYMERS 04-03-1990

CCR 000006304

X-bar Chart

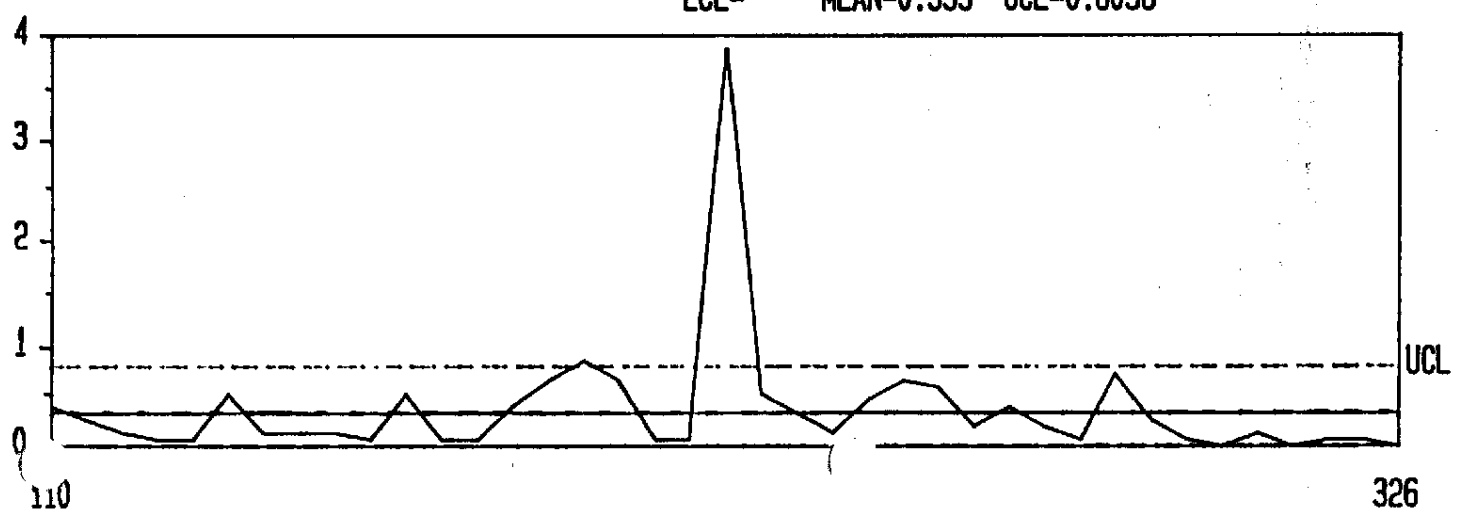
LCL=0.1239 MEAN=0.3812 UCL=0.6386

USING TABULAR CONSTANTS, BASED ON 110 TO 326



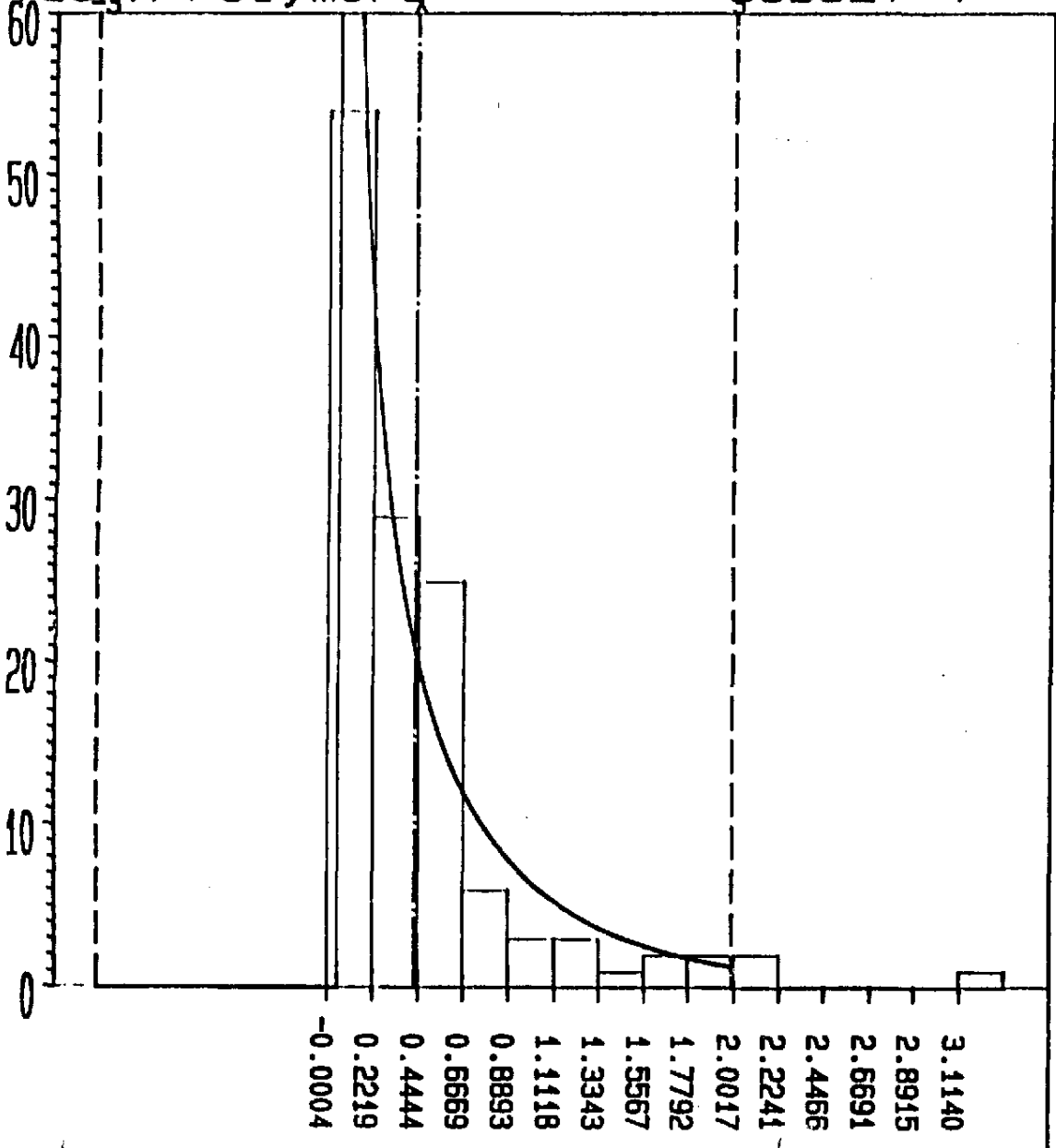
Range Chart

LCL=---- MEAN=0.353 UCL=0.8056



5265 RVCM 2ND Q FY90

VISTA Polymers SUBSET=4 04-02-1990



Date: 04-02-1990	
Interval = 0.2225	
All samples (n=4)	
128 data points	
lower boundary	
Mean = 0.4251	
Sigma Indiv= 0.5209	
Est. Sigma = 0.1767	
Coeff.Var. = 1.2253	
Min. Value = 0.000	
Max. Value = 3.336	
Kurtosis = 8.449	
Skewness = 2.531	
Chi Squared= 14.435	
deg. free. = 3	
Conf. Level= 95%	
Beta fails ChiSq	
Capability	
Using Sigma Indiv	
Cpk = 0.18	
Cp = 0.18	
Cr = 5.41	
Z upper = 1.10	
Z lower = .	
Actual %	
Above Spec = 8.59	
Below Spec = 0.00	
Out of Spec= 8.59	
Theoretical %	
Above Spec = 13.34	
Below Spec = 0.00	
Out of Spec= 13.34	
Mean + 3s = 1.9877	
Mean - 3s =-1.1375	

CCR 000006306

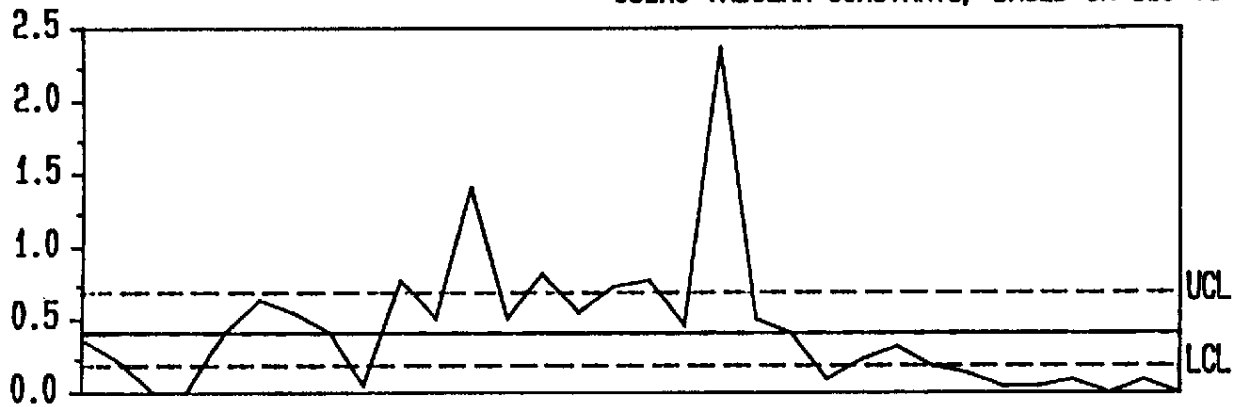
5265 RVCM 2ND Q FY90

VISTA POLYMERS SUBSET=4 04-03-1990

X-bar Chart

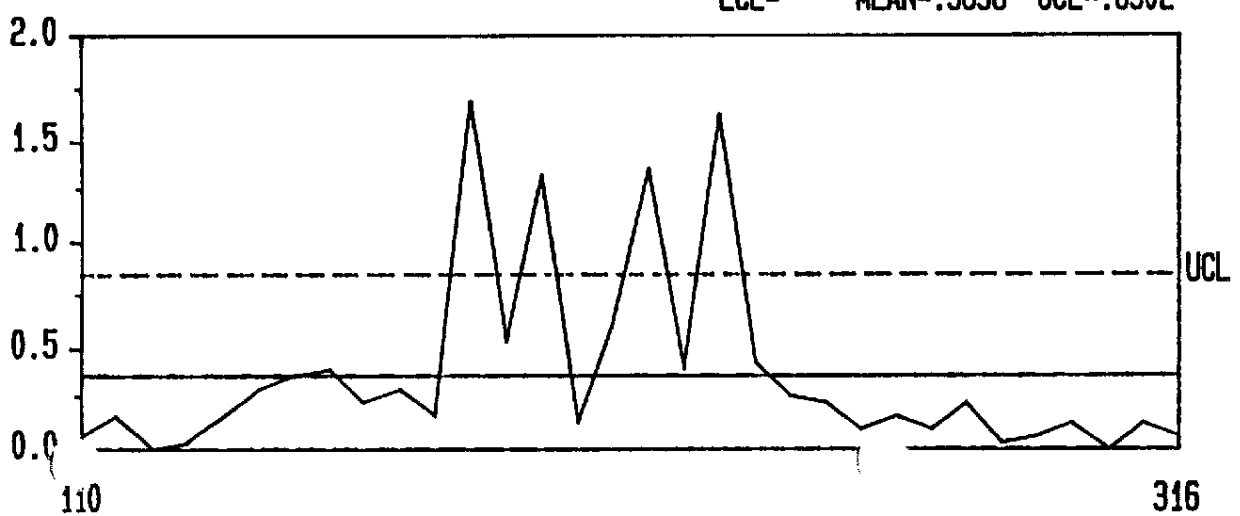
LCL=.1599 MEAN=.4251 UCL=.6903

USING TABULAR CONSTANTS, BASED ON 110 TO 316



Range Chart

LCL=— MEAN=.3638 UCL=.8302



→ Vinyl Chloride Litig. Lib. RVCM-12 Dat

Distribution: THH-RRS-CJM

AWS, CJM/Shift Supervisors, AJW, RSB, JJM/JGG
P.L. Foote (Premiere Polymers)
N.S. Vafiadis
N.J. Forsa
M.C. Manion
W.L. McClain

RECEIVED

APR 27 90

WILLIAM L. McCLAIN

(Note: This information (particularly the narrative and tables identifying customers) should not be shared with customers "as is". The intent of providing this information is hopefully to satisfy a need by field sales for this kind of information but more importantly to have field sales "armed" with knowledge about the quality their customers have been receiving and about the trends and changes in plant operations affecting product quality before going in to the customer. Hopefully field sales will be able to use the information in proactive dialogue/discussion versus our historical reactive mode.

This narrative is not intended to be an exhaustive discussion or analysis of the data. If more detailed information is needed regarding the discussion, the data or how certain customers may have been impacted, we want marketing personnel to call and talk to whomever at the OKC Plant can best answer their questions. In my view, this is the real value of providing this information --- not merely having SPC charts to flash on the customer.

If anyone would like to discuss this in more detail, please give me a call. Please keep in mind that manpower limitations preclude expanding the parameters analyzed or customizing charts for specific customers.