

XC: L. Vandawalker  
1-31-90

MONTHLY REPORT JAN., 1990  
William A. Warren, Jr.

CHARTING PROGRESS 870 EXPRESS RECEIVER SHOP

- All groups have now been reviewed for charting applications. All groups which now have gauges to chart are charting.
- o charting applicable; 14 of 15 groups
  - o now charting at least one characteristic; 12 groups
  - o charting all characteristics; 9 groups
  - o at least one chart with screen limits; 4 groups

TRAINING

We have begun to involve Jeff Lawrence in "These are the things we do and this is the way we do them."

MACHINE STUDIES

We have completed several studies/analyses on multiple-fixture operations. These identify opportunities to improve and we review results with supervision, machine setter and operator. They are useful because:

- o The results frequently help establish charting strategy.
- o They raise awareness of such tools available to help prod.
- o This activity demonstrates a willingness of SPC team members to assist production with improvements.

DOCUMENTED QUALITY IMPROVEMENT

This before/after graphic comparison illustrates the positive results of action taken by production to correct one out-of-position fixture on a four-fixture machine. It was also sent to 2nd line supervision to reinforce this positive behavior.

AUDIT OF PREVIOUS SPC DEPARTMENT

This was a positive experience in Dept 8156; one of the two depts. most recently completed by the SPC team. My method was to involve the first liner during the audit of his area. There are several advantages to doing this: his presence lends credibility to the task, he gains immediate and first-hand knowledge of the results and this provides an appropriate time to secure the first liner's commitment to corrective action.

SCREEN LIMITS

The way we are establishing screen limits is tedious and very labor-intensive. Also, the degree of correctness of these limits can enhance or reduce credibility of the SPC program on the floor. As a group, we have recognized the need to make improvements.

OTHER JOBS

- o startup charting on auto drill group: minor progress--no need to wait for new hole diameter gauge
- o re-evaluate control limits on GFM area: to be done after above is started