XC: R. Jackson
 L. Vandawalker

DEC 1, 1989

MONTHLY REPORT NOV., 1989 William A. Warren

Completed and distributed the first "SPC Floor Manuals"

We completed our full-time SPC activity in the Shotgun

Barrel Shop by presenting supervision with the first two "SPC Floor Manuals". Dan Evans and I developed and promoted the concept. Dan completed all the details.

Startup Progress in 870 Express Receiver Shop

Began charting 11-13-89. Five groups are now charting.
The first charts were completed 11-30-89.

We have now begun to more directly involve operators, machine setters and supervision in selecting characteristics to chart. This takes additional time. The payoff is more useful choices and increased operator buy-in. The Rec. Shop supervisor has expressed to us his approval of this.

SPC flexibility

In this dept, we have made SPC more flexible: on some multi-fixture machines we are using a sub-group size of (4) and are staggering charting startup of the same operation (in both lines) to reduce disruptions. The supervisor appreciates this.

We have created several more "production assist tools".

Machine Studies

We are seeing advantages to doing these <u>before</u> beginning to chart. The results help with selecting characteristics.

SPC "Staff Manual" or "How we do the things we do"

We have started to arrange the loose haphazard collection of this information into a permanent reference. This will have future value with the changes in SPC-team people. Dan Evans and I have written a purpose statement to guide us.

<u>Production-Process Record Discrepancies</u>

We have uncovered several such differences and have taken action to facilitate their resolution. This is ongoing.

Training
Resourced several classes and co-taught an SPC 1.

Quasi Product Audit

Helped review Beretta product. This was proactive; it identified several items to improve before shipment begins.

Misc.
Obtained modem and VAX terminal for home use;