

# C.P.D. NEWS

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## THE TIME TO "WATCH OUT" FOR SAFETY

The *cuncta* of prevention theory -- claimed worth more than a pound of cure -- proved itself true in two near-miss accidents reported by employees here this week.

IN ONE CASE, AN EMPLOYEE FOUND A SAFETY DEVICE HELPED SAVE HIS LIFE ...WHILE THE SECOND PROTECTED HER EYESIGHT THANKS TO SAFETY GLASSES.

Bob Tuck's case, was the more serious problem. A Plater-Processor in Print Wire Board, Bob was recently adding a chemical compound to one of the 826-line baths, where electroplating processes deposit copper and solder to printed circuit boards.

THE HOIST HAD JUST PASSED TUCK, AND HE THOUGHT HE HAD TIME TO COMPLETE THE TASK. HOWEVER, HE FELT THE "AUTOMATIC MOVER" PRESSING AGAINST HIM...AS HE REACHED FOR A SAFETY (BUTTON) MECHANISM JUST IN TIME TO AVOID SERIOUS CRUSHING.

"If I had had to holler for help, I'd have been a goner," Bob relates: "There is no doubt that the switch saved my life; for the way I had

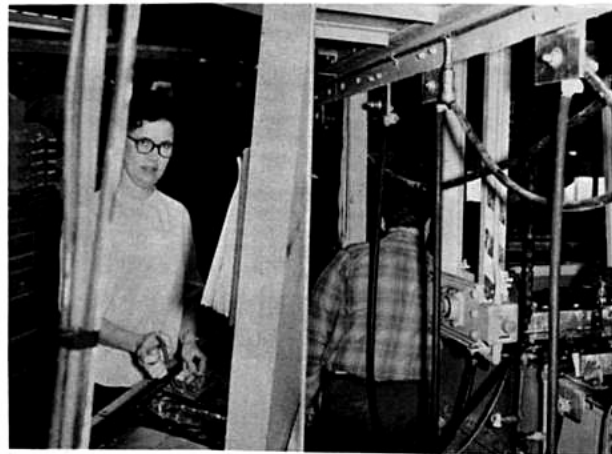
my arm through the studding, it would have been impossible for me to get away."

THE SAFETY DEVICE HAD BEEN ADDED TO THE EQUIPMENT AFTER A SIMILAR NEAR-ACCIDENT HAD OCCURRED SOME MONTHS AGO TO RON MOYER, WHO IS MANAGER OF THE AREA.

The second near-miss occurred to a mobile area Assembler, Frances Catron, who works on MASTR transmitters. She was at a flow-solder station, taking a capacitor off a board, when the component slipped from her pliers and into the molten metal where it exploded. "There was solder on my glasses -- and without those glasses on, it might have meant the loss of my eyesight," Frances says.

HERE AGAIN, AS A RESULT OF A FORMER PROBLEM, WEARING SAFETY GLASSES IS STANDARD PRACTICE FOR ALL FLOW SOLDER OPERATORS.

Prevented accidents are the best kind! As Frances Catron and Bob Tuck undoubtedly agree, when it comes to safety, you can't be too careful!



FRANCES CATRON...her safety glasses help her avoid the loss of eyesight

BOB TUCK...A safety device comes to his rescue in possible crushing.

VIP'ERS GET BOUQUETS, CHALLENGES...

Very important people, who are Value Improvement Program contributors at CPD, last night heard words of cheer and challenge from Deputy Division Manager Jerry Coe.

FOLLOWING A BUFFET STEAK DINNER LAST NIGHT, THE HONORED 350 HEARD CONGRATULATIONS FROM COE, AND DEPARTMENT GENERAL MANAGER DICK GIFFORD.

Photos taken at the Thursday night event will appear in Monday's News.

NEW TELEPHONE DIRECTORY OUT TODAY...

By the final mail delivery today, all Lynchburg General Electric telephone users should have a new CPD-SPD telephone directory near their 'phones.

APPROXIMATELY 1500 DIRECTORIES ARE BEING DISTRIBUTED, SAYS HOWARD WENNERSTROM, MANAGER-OFFICE SERVICES. THE BOOKLETS ARE GOING TO USERS AT BOTH GE PLANTS HERE; AND ARE ALSO GOING TO CPD FIELD SALES AND SERVICE OFFICES, AS WELL AS TO LARGE GE INSTALLATIONS.

New in the directory is a back page which shows a layout of first and second floor offices. The rooms are labeled by number and identified by Section (and in some cases, function -- such as Cafeteria, lobby, restroom, purchasing, etc.).

ON THE COVER OF THE 33-PAGE DIRECTORY IS A PHOTOGRAPH OF LYNCHBURG SWITCHBOARD HOUSE -- MYRTLE MILLER, CHIEF OPERATOR AND JUANITA VOLK. A PHOTO OF THE MOUNTAIN VIEW ROAD PLANT IS ALSO SHOWN.

The book was prepared by Office Services, with Secretary Marian Novak in charge of the project. If additional copies are needed, users should call the Mail Room.

IF ANY NUMBER CALLED SHOULD RING FOUR OR FIVE TIMES WITH NO ANSWER, WENNERSTROM RECOMMENDS CHECKING THE OPERATOR. "IN SOME CASES," HE REPORTS, "THE MOVES REFLECTED BY NEW NUMBERS HAVE NOT YET BEEN MADE."

OPEN FOR BUSINESS TOMORROW -- Macke's Main Cafeteria will serve lunch tomorrow for those working overtime. The hours: from 11:15 - 12:30 P.M.

GE STOCK closed yesterday at 110.



Jerry Smith, Manager-Application Engineering congratulates Cleveland Watkins (right) on his solid-state, bridge-type switching circuit for polar telegraph receive loop current control.



Dick Buesing, Manager-Mobile Equipment Engineering salutes Jim Barrington (right) on two new patent dockets: a blocking oscillator...and method of protecting series regulator.



Bill Bartley, Manager-Advance Engineering compliments Dr. Harry Peppiatt (left) on his concept which results in a new band rejection diode duplexing switch. Note Bartley examines actual switch.

## ONE ROLE OF ENGINEERS: NEW IDEAS

If you had to tell a youngster about the role of an engineer, you might sum up a rough description with "one who makes things work."

THAT UNREFINED DEFINITION, DOES CARRY WITH IT THE CONCEPT THAT ENGINEERS ARE WORKING WITH IDEAS AND THINGS -- PRIMARILY, AT LEAST IN OUR BUSINESS, ONES THAT PAY OFF IN A PRACTICAL WAY.†

Making communication and semiconductor products work can come in many a fashion. It can come from the use of tried and true ideas; or it can come about by way of novel techniques -- new ideas.

ONE AVENUE FOR THE NEW AND DIFFERENT APPROACHES IS PATENTABLE INVENTIONS. THESE IDEAS COME TO OUR CREATIVE ENGINEERS OFTEN AS THEY WORK ON SPECIFIC PROJECTS TO IMPROVE OUR PRODUCT TECHNOLOGY.

CHECKS FOR TWO -- Mobile Engineering Manager Dick Buesing (left) presents good wishes -- and checks -- to Wayne Dalton (left) and Dick Sanger for their joint invention -- a tone oscillator. Basic idea is to provide a tap on the coil of the resonant reed so that direct magnetic feedback can be utilized.

Many of today's technical speeches still include the unusual yarn -- about the Patent Office Official, who -- over 100 years ago -- allowed as how he did not consider his job

†Actually, an engineer puts laws of nature to useful work for the benefit of mankind.

very secure. His problem: inventions were being made at a rapid rate that soon all things would be invented.

That was before the day of television or two-way radio...or the electric light. Yet even today, things continue to change...thanks to the inventiveness of many.

THE STORY OF THE PATENT OFFICIAL IS A GOOD ONE...WITH A POINT. THE LESS COLORFUL FACTS ON WHICH THE YARN IS BASED ARE FROM AN ACTUAL REPORT WHICH H.L. ELLSWORTH MADE ON JANUARY 31, 1844. IN THE DOCU-



### Friday Feature

NOTE: Pictures represent Patent awards made here since January 1.

MENT HE WROTE "THE ADVANCEMENT OF THE ARTS FROM YEAR TO YEAR TAKES OUR CREDULITY AND SEEMS TO PRESAGE THE ARRIVAL OF THAT PERIOD WHEN HUMAN IMPROVEMENT MUST END."

General Electric engineers are proving that such a period is not yet here.