

Henry Procella

THE EASTEXAN

OF

Eastex Division

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Temple-Eastex Incorporated

Temple Appointed Group Vice President, Time Incorporated

Time Incorporated Chairman Andrew Heiskell on August 22nd announced the appointment of Arthur Temple as Group Vice President, with responsibilities for forest products. Temple, 55, is the President of Temple-Eastex Incorporated, a wholly owned subsidiary, based in Texas.

In assuming the post of vice president, he succeeded R. M. Buckley, 66 years old, who began serving as Vice Chairman of Temple-Eastex effective September 1.

Temple is also a member of the Time Incorporated board of directors and Chairman of its Planning and Development Committee. As previously disclosed, he became Temple-Eastex chief executive officer on September 1, when he added the title of chairman.

Temple began his career with Temple Industries, Inc. in 1938 in the company's retail lumber division. He was named executive vice president of the company in 1948, elected president and chief executive officer in 1951, then chairman in 1972.

After Temple Industries was acquired by Time Incorporated in 1973 and merged with Eastex Incorporated (a Time subsidiary) to form Temple-Eastex, Temple was designated president of the forest products complex, one of the largest in the South. Temple-Eastex produces pulp, paperboard, and building materials, operates manufacturing plants in ten states, and owns more than one million acres of timberland.

Among several business affiliates,

Temple serves as director of Wheelabrator-Frye Inc. of New York, and Gulf States Utilities Co. He lives in Diboll, Texas.

Buckley joined Eastex at its inception as Executive Vice President and General Manager in 1953. He was elected President and Chief Executive Officer in 1956, and a Group Vice President of Time Incorporated in 1973.

During his tenure with Eastex, Buckley directed several major expansion programs that saw the company increase pulp and paperboard capacity from 100,000 tons to 482,000 tons per year. A \$55 million expansion program, now underway, will increase capacity by 54,000 tons per year when completed in 1976. In 1974, the Eastex Division achieved the highest sales and profitability in its twenty year history.

Free Enterprise Essay Contest

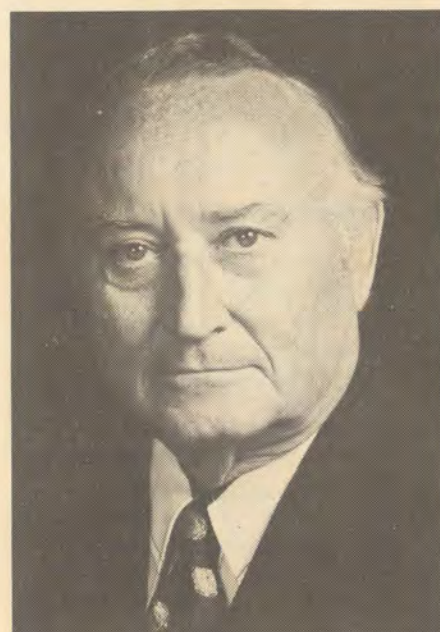
As part of its Bicentennial program, the National Association of Manufacturers will award a total of \$6,500 to students, educators and employees of U.S. companies submitting the best statements on the benefits the free market system has provided for the American people during our 200-year history.

The contest will have two levels of competition. Division A will be for high school and college students, and Division B will be for educators and employees of industrial firms.

[See FREE ENTERPRISE, Page 2]



Arthur Temple



R. M. Buckley

THE EASTEXAN STAFF

Editor.....L. C. Menius

Reporters (this issue) Al Allen, Bertha Bosdorf, Jim Cawley, G. L. Magee, Alan Miller, Barre Mitchell, Lewis White, Jesse Wood.

Photographers (this issue) Al Allen, Alan Miller, Barre Mitchell, Jay Parker, Peggy Stone, Art Wornick, Clinton Wright.

How Much Is A Billion Dollars?

As taxpayers Americans have almost given up trying to visualize what \$1 billion looks like or what it really is in terms they can readily understand.

Lest they forget that Uncle Sam is spending their taxes in billion-dollar chunks, an economist for the Chamber of Commerce of the United States took out his slide rule recently and did some figuring.

Placed one on top of the other, it would take a stack of one dollar bills 68 miles high to add up to \$1 billion. Laid end to end, a billion in dollar bills would go round the world approximately four times.

How can anyone spend that much money?

Easily, if you are the Federal Government. Based on the proposed fiscal 1976 budget, the Federal Government will spend almost a billion dollars a day — actually, once every 25 hours.

All Eastex employees extend deepest sympathy to the family and many friends of William J. Gault, Jr., Pulp Mill First Helper, who died June 5.

All Eastex employees extend deepest sympathy to the family and many friends of Wayne E. Robinson, Eastex retired Director, Environmental Control, who died August 26.

The Production Manager Says---

The overall mill production continues to be well below our capabilities as demonstrated by past performance. In fact, August was the lowest production-wise of any month in several years. Again, I appeal to everyone to put forth that extra effort needed to get our tonnage back up to the levels of a year ago.

Also, we are experiencing an unusually large number of costly complaints from our customers. They are suffering from the same cost escalations that we are, which results in their demanding higher quality paper and board than ever before. To hold our position in today's tough market, we must not just maintain quality, but must improve faster than our competitors. A great stride in this direction will soon be made when the two new coaters are installed in No. 2 machine. Work is going on every day and they should both be in operation no later than October. Both of these are the finest equipment available and will substantially improve our coated board quality and our machine room environment.

The most encouraging report I have is the great improvement in our safety record. We are now past

the 1/2 million manhours worked without a lost time injury. Everyone, please, take care of yourself and your fellow worker — let's hit that million this time along with that large upsurge in production and improvement in quality I can see just around the corner.

L. H. White, Jr.

Free Enterprise Essay Contest

[Continued From Page One]

Six prizes of \$500 each will be awarded in each division, and an additional award of \$500 will be made to the author of the one essay judged best.

CONTEST RULES:

1. Entries must be postmarked no later than November 1, 1975.
2. They must be typewritten and double spaced.
3. Essays are limited to 1,000 words. Indicate the actual number on the first page.
4. The writer's name, address and identification (student, teacher or employee including school or company) should appear at the top of the first page.
5. Essays should concentrate on the benefits the free market system has provided the American people during our 200-year history.
6. The panel of judges will select winning essays based on their aptness and clarity identifying and documenting the benefits which individuals have derived from our economic system.
7. The Association cannot be responsible for manuscripts. They become NAM's property and will not be returned.

Send entries to: NAM Free Enterprise Essay Contest, 1776 F Street N.W., Washington, D.C. 20006.

More of the world's people are warmed by wood than by any other kind of fuel.

Welcome To Eastex

EASTERN SALES OFFICE

Anne E. Kraemer
ELECTRICAL & INSTRUMENT
William I. Fox, Sr.

WOOD SUPPLY

Donald M. Grillo
Joel T. Grundmann
Earl G. Wright

GENERAL SERVICE

Herman Haynes, Jr.
William P. Hoke
Leslie G. Hooks, Jr.
Clint B. Parr
Dennie P. Reeves
Maxie G. Roberts
Larry G. Seaman
Barbara J. Smith
James R. Williams
Vernon R. Williford



New chip truck dump platform and lift tower at north end of mill [looking south].



New overhead chip conveyors under construction in chip yard. Excavation at left is for new chip reclaim tunnel.

Eastex Expansion Progress Report

Construction is underway practically everywhere on the Eastex grounds. At the extreme northern end of the plant, new chip unloading facilities for both truck and railcar shipments are under construction. An extensive overhead conveyor system to handle the increased chip receipts is also beginning to predominate the northern skyline. Beneath the ground in this same area, heavy equipment is working on a chip reclaim tunnel. This tunnel, as long as a football field, will run in an east-west direction beneath the huge chip pile. Two auger-type reclaimers and a conveyor belt will mine chips from beneath the pile for the full tunnel length. This type reclaimer will allow a good turnover rate (first in — first out) and will minimize chip degradation. All of the new conveyor systems are belt-type units rather than pneumatic (blower) type. Belt systems require considerably less energy (horsepower) to operate than do comparably sized pneumatic systems.

Just south of the chip pile, construction is virtually complete on three huge process vessel tanks. The south tank is the new white liquor clarifier, the west unit is a green liquor clarifier and the east unit is a mud washer. In this same area, a new mud vacuum filter and dregs washer are also under construction. Also, in the Recaus-

ticizing area, construction is scheduled for a new slaker, a new causticizer and a new lime kiln in the immediate future.

The new No. 4 Recovery Boiler is progressing as scheduled with a great deal of the work now being concentrated on one of the least spectacular, but most critical, aspects of boiler construction. That is, boiler tube welding, fitting and rolling. In a high pressure recovery boiler, tube welds must be perfect; any visible flaw in a weld means that the weld must be cut out and started again. After this welding gets a little farther along, the detailed search for "invisible" flaws will begin with X-ray machines. Every tube weld (thousands) will be X-rayed to insure that there are no internal cracks, voids or flaws which would render the weld imperfect.

Immediately west of the salvage warehouse, two large tanks are under construction. Each of these tanks will hold 400,000 gallons of weak black liquor. The new tank just outside the maintenance shop east door is a 100,000 gallon soap skimming tank.

Steel fabrication is now complete on the new five-effect evaporator set. In addition to the five readily identifiable evaporator towers, there are three additional tank towers. The smaller unit is the surface condenser for the huge fifth effect evaporator and the other two

identical units are the No. 1 and No. 2 liquor finishers. The incorporation of finishers in the recovery process represents one of the latest and most significant changes in recovery design in many years. In the finishers, liquor received from the conventional evaporator set will be concentrated from 55% to 63% solids. In our present recovery processes, this final concentration is accomplished by cascade (direct-contact) evaporators. This direct exposure of the recovery flue (exhaust) gasses with the black liquor attributes substantially to the classic "kraft odor". The new boiler by virtue of the subject design is referred to, by industry, as a "low odor" boiler.

In the digester area, the new sawdust digester blow tank is complete; the existing sawdust blow tank is scheduled to become a blow heat accumulator. The new blow heat accumulator will absorb the heat in the steam given off by a digester blow. This heat energy will be used to heat process water for pulp washing and bleaching as well as to heat boiler feed water. The new blow heat recovery system will conserve much of the energy normally consumed in heating water. The heat recovery system will be automatically controlled by a Nokia Process Control Computer (discussed later in this article).

[See EASTEX EXPANSION, Page 4]

Eastex Expansion Progress Report

[Continued From Page 3]

The Kamyr Diffusion Washer is up and running smoothly, and the Kamyr Displacement Bleaching System will be starting up in early October. This bleaching process, the first of its kind in the world, was purchased by Eastex because of its high energy efficiency and its anti-pollution advantages. This new process will use only 65% of the power and 25% of the water required by a conventional bleaching process. This process will be discussed in detail in the next issue of the "Eastexan".

No. 1 paper machine now has a new AccuRay basis weight and moisture control system installed. This installation contains the latest "state of the art" analog control instrumentation available. It includes a video display (television screen) at both the wet end and the dry end of the machine to inform the operators as to the status of the sheet of paper being manufactured. The system will tell the machine tender and the back tender the weight of the fiber in the sheet (bone-dry weight), the percent moisture content, the weight of both the fiber and the moisture in the sheet (basis weight) and the thickness (caliper) of the sheet as it is being manufactured.

The new Beloit Bi-Nip press

section and four new dryers for No. 1 machine are scheduled to arrive in Evadale in early October. The press will be pre-erected on the machine floor and installed as a unit sometime in November. A new Beloit blade coater is also scheduled for installation on this machine late this year.

No. 2 paper machine now has all six of its new paper dryers and a new Ross infrared coating dryer; by the time the paper reaches the press, the new Waldron air knife coater should be installed and operational. A new Beloit blade coater is scheduled for installation after the air knife unit and coating support equipment is installed.

New coating pumps, filters, tanks and electrical support equipment are presently being installed in the No. 2 paper machine basement. This new coating equipment will facilitate the manufacture of higher solids coatings to be used by both No. 1 and No. 2 machine coaters. Higher solids coatings will allow increased production by virtue of reducing the moisture content of the sheet which in turn will allow the machine to run at higher speeds.

Last, but not least, is the new digester control system which has been under construction since the first of the year. The heart of this system (perhaps brain is a more appropriate word) is a Nokia Process

Control Computer System. Nokia Electronics Company is a Finnish Corporation with offices in Helsinki, Finland; Hagersten, Sweden and Atlanta, Georgia. Nokia calls their system "AutoCook". The first such system was started up in Finland in late 1969, and the first system in the United States in 1973. Today there are approximately 20 of these systems operating in the world.

The AutoCook system consists of four basic parts: (1) operator console, (2) computer and associated electronics, (3) information display and read out devices, and (4) the process interface equipment. The operator console is used by the operator to communicate with the computer and with the process. The console has 15 sets of identical illuminated pushbuttons (one set of six buttons per digester), a digital display (readout) panel, and a set of numeric code thumbwheels used for communication with the computer. The computer is an American made Digital Systems PDP/8e unit with a 24,480 word core memory. The information display devices consist of a television display screen, two teletype printers and a digital display panel on the operator console. The process interface equipment consists of relay racks, power supply, analog to digital

See EXPANSION, Page 5]



Digester Control Room showing Nokia Autocook operator console in left foreground, television monitor center, two teletype printers, right, and new digester manual control [back-up] panel [digester 6-12] in the rear.



Nokia Autocook Computer housed in a separate room with controlled atmosphere.

Expansion...

[Continued From Page 4]

converters and other electronics.

Mr. Kyle Flannery, Nokia Service Engineer, will handle the computer and Nokia electronic equipment maintenance service.

The Nokia process control system is sophisticated and relatively complex; it defies a "25 word or less" operating description, but an attempt will be made to be as brief as possible and to still do justice to the system. The purpose of the system, "in a nutshell," is to assist the operators in controlling the batch cooking process at Eastex.

The cooking process is more complicated than many realize; this operation constitutes a full day's work for those cooks and helpers in the digester room. The Nokia system will eliminate many of the routine time-consuming tasks now associated with the cooking process. This time saving feature will allow the operators more time to concentrate on problem solving and problem prevention techniques. The operators may choose to operate part or all of the cooking process on computer control. Assuming full automatic control, the day shift operator will "tell" the computer how many tons of pine and hardwood pulp he wishes to cook during the next 24 hour period. The computer will then calculate the number of digester blows required to achieve this production level and sequence the digesters in the proper schedule. After these calculations are performed (several seconds), the computer will ask the operator for permission to load with chips the next digester in the programmed sequence. The computer asks permission by blinking the top white button on the console. The operator grants permission by depressing the blinking button. The computer will then start the proper feeders and conveyors in the woodyard and will index the digester loading belt over the designated digester. Twenty tons of chips will be loaded in the digester, then a designated quantity of cooking liquor will be added and the liquor circulating pump started. The remainder of the chips will be added simultaneously with the liquor. When all of the chips have been added, the computer will calculate chip moisture (from chip weight and digester volume). From

these determinations, the computer will calculate the final amount of cooking liquor required. The autocook will ask for permission to add this final liquor by blinking a second pushbutton. The operator acknowledges by depressing the button. The cap valve will automatically close and the remaining liquor will be added. When this step is complete, the computer will ask for permission to add steam to the digester by blinking the third pushbutton. If granted, the autocook will add the steam in a prescribed manner dependent upon the production schedule. During the steaming and cooking cycles, the computer will open the gas relief valve (to the turpentine condenser) a prescribed amount to achieve maximum turpentine yield and minimum temperature differential between the top and bottom of the digester. Should the temperature difference become too great, the computer will start the circulation pump. The computer will monitor false pressure conditions and perform an automatic blow back sequence to clean extraction screens as required.

When the digester temperature reaches 270°F, "H"-factor calculations begin. The "H"-factor is a mathematical expression of the degree of cooking (delignification) dependent solely upon time and temperature. The autocook will control the steam to achieve a cooking temperature of approximately 350°F. Because of the "H"-factor calculations, digester temperature control will not be as critical as it is at present. During the cooking cycle the turpentine relief valve will be continually controlled.

When the target "H"-factor minus 100 (approximately 4 minutes) is reached, the computer will ask for permission to "blow the digester". The cook will give permission by depressing the appropriate pushbutton (which will be blinking). When the target "H"-factor is reached (approximately 2 hours after chip filling completion) the digester will be blown to the appropriate blow tank assuming there is enough room in the blow tank; if there is not, the blow will automatically be held until the level is safe.

When the blow is complete, the computer will ask for permission to load the digester with chips, and so



Michael R. Mitchael [left] joined Eastex May 26 as a Process Engineer. Mike is no stranger at Eastex, having worked for us the summers of 1971 and 1972, and on a part-time basis as a Technician from February 1973 to September 1974 while completing his Chemical Engineering degree at Lamar. He is pictured above with John E. Dayton [right], Eastex Technical Superintendent.

the cycle repeats itself. In summary, the operator has only had to press four (4) buttons to perform the nearly 3 hour cooking process. The lower button is an information only button which will give the operator the status of any digester presently cooking. It will tell the operator what the present "H"-factor is and the minutes remaining until that digester will be blown. The sixth button on the console is for possible future use and will not be operational initially.

In addition to controlling the complete digester cooking cycle, the Nokia system will control chip reclamation from the chip pile and the blow heat recovery system. The control system will also type all digester reports.

In summary, the advantages to be gained with the Nokia Process Control system are:

- (1) Increased pulp yield — H-factor cooking calculations will give more consistent cooks, therefore higher yield.
- (2) Conservation of heat energy — more consistent cooks should result in a steam savings. Blow heat automation should also optimize heat energy conservation.
- (3) Reduced chemical consumption — due to more consistent cooks and higher yield.
- (4) Increased turpentine yield — resulting from the automated relief system.
- (5) Conservation of operator time.

Largest Summer Student Employment Program This Year

We had students from North Carolina State University, to the University of Southern California — and from 23 other colleges and universities in between. We had some students majoring in Management, some majoring in Music, and some in 23 other fields of study. And, we had students not yet enrolled in a college field of study who had just graduated from 10 area high schools. All together 84 of them made up the largest, and one of the finest, summer student groups Eastex has ever had.

Eastex's summer student employment program has been in effect almost as long as Eastex has been in operation. First consideration for summer jobs is given to sons and daughters of Eastex employees who have finished High School and who are already in college or have definite plans for college. This comprises most of the group each year. In addition, Eastex uses several students from the Minority Manpower Resources Program, administered by Dr. B. A. Turner of Texas Southern University. This year we had eight of these fine students. And Eastex also offers summer employment to any area students who are awarded a Pulp and Paper Foundation Scholarship at North Carolina State University in the field of Pulp and Paper Science; we have two of these students at this time.

These summer student employees have been used in almost every area of the mill, offices, technical areas and operations. They have enabled our regular employees to take vacations, and have also filled in where peak work loads and/or special projects were found. Eastex management takes this opportunity to thank each and every one of them for their fine performance this summer. And, in turn, these summer jobs have provided considerable financial assistance to all these students for their academic months ahead. Eastex is pleased to be able to provide employment for these student workers and we hope that we will be able to continue such summer programs each year.



Eastex summer students who were employed this year are pictured above. The top group received orientation training and started work May 23rd; the lower group received orientation training and started work June 6th.



A complete listing of our summer student employees appears below:

Bobbie L. Adams
Donald W. Adams
Donald R. Anderson
Marcia A. Baker
Lester L. Banks
Edward B. Barrows
Birdie M. Booker
David M. Booker
Floyd I. Booker
Ellis Bowie
Doris K. Brooks
Owen P. Broussard
Nanette L. Burger
Shirlee S. Burger
Charles R. Calhoun, Jr.
Suzanne O. Couture
Connie M. Creel
Mary C. Cumbie
David L. Cunningham

Michael W. Dabney
Beverly D. Davis
Dayle L. Davis
Michael L. Davis
Steven D. Davis
Pruitt A. DeLoach
Ronald M. Enloe
Jackie B. Farr
Kenneth W. Ferguson
Karen C. Fickenscher
Kathy Fickenscher
William I. Fox
Ernest E. Gloede, Jr.
Harold C. Goodman, Jr.
Walter D. Gore, Jr.
Regina L. Hancock
Randy L. Harper
Perry D. Hartman
Lawrence Hedleston

Marsha J. Hinkie
Gary E. Holmes
Charles M. Howell
Gary D. Ikner
Ted S. James
David R. Johnson
Randy D. King
James F. Kirby
Joe T. Kirby
Mark S. Lee
Johnny L. Lewis, Jr.
William W. McCullough
George W. McDonald
Kenneth G. McLemore
Raymond E. Marlow
Stephen B. Marlow
Devora L. Miller
[See SUMMER STUDENT
EMPLOYMENT, Page 7]



Dr. B. A. Turner, who administers the Minority Manpower Resources Program, is pictured above at our mill with a group of his students. Eastex uses a number of students from this program each year.

See That The Eyes Have It

Your eyes have some natural forms of protection that you ought to appreciate. They're fitted efficiently into sockets guarded by bone all around. Eyelids blink faster than you can think at a threat of danger. Eyelashes flick dust and other tiny particles away from your eyes. Tears act as an automatic sprinkler system to help keep your eyes washed clear of troublesome substances.

You can't, however, depend on these things for 100 percent protection. You need safety goggles and glasses to assist your eyes' natural guarding devices on jobs where there is danger to the eyes.

—SAFETY, State Electricity Commission of Victoria

Summer Student Employment Program...

[Continued From Page 6]

Greg L. Miller
Michael T. O'Brien
Karen C. Powers
Herschel L. Ratcliff
Charles M. Ray
Tommy L. Ray
Herlen Reed, Jr.
Jack W. Rigsby
James R. Samford

Alfred M. Seaman
Gary W. Shelton
James E. Simmons
Richard C. Skillern
Marcus D. Stone
David E. Stout
Rachael A. Talbert
Robert M. Talbert
Bobby L. Taylor, Jr.
Sandra K. Thomas

Steven M. Thomas
Duane L. Thompson
Michael W. Thompson
Wendy L. Turner
Rebecca L. Turney
T. E. VanWinkle, Jr.
Bobby J. Westbrook
Daniel B. White
Peggy J. Williams
Herman Wright, Jr.

Kathleen Gynlquist Joins Eastex Technical Division

Kathleen Gynlquist joined the Eastex Technical Division on May 26 as Process Engineer. She is a May 1975 graduate of North Carolina State University, with a BS degree in Pulp and Paper Science and Technology and was the first girl to graduate in this field. Kathleen is a National Honor Society Scholar, and was awarded a number of scholarships while at N. C. State. These include the Pulp and Paper Foundation scholarship, Lion's Club scholarship, Exchange Club scholarship, and most recently, the William E. Caldwell scholarship award which she will use this Fall when she takes a leave of absence from Eastex to return to North Carolina State University and get a

second degree in Chemical Engineering.

While at the University Kathleen was a North Carolina Leadership Institute Fellow, was on the Dean's list, was President of the student chapter of TAPPI, President of the student AICHE chapter, presented a paper before the North Carolina Academy of Science, was on the golf team and in her "spare time" coached a little girls' softball team.

Students in the Pulp and Paper Science and Technology program at North Carolina State University normally spend their summer months at work in a paper mill. Kathleen spent two summers at the St. Regis Paper Company mill in Pensacola, Florida, her home town.



Kathleen Gynlquist, who joined Eastex May 26th as a Process Engineer, is pictured above "on the job". [See article on this page.]

Another summer was spent with Weyerhaeuser Company at their mill in Plymouth, North Carolina.

With her impressive record of accomplishments, Kathleen was sought by a number of paper companies and paper industry supply companies, and we are pleased that she selected Eastex as her employer. All Eastex employees extend her a cordial welcome and a pledge of full cooperation.

Bruce Division — Foremen

Webster defines a foreman as "a person in authority over a group of workers". Now, with all due respect to Mr. Webster and his brevity, this definition barely skims the top of the bucket.

Often referred to as the "first line of management," the foreman is the key to any successful manufacturing operation. Actually, the foreman is responsible for turning into reality the expectations of the customer, the hopes of Sales, and the truth of Estimating in such a manner as to produce a quality product at a competitive price — and that takes real Foremanship!

The Bruce Division is proud to have truly dedicated and experienced foremen. As manager of his area, some of the activities of a foreman include planning work details and determining the best workers for each task, requisitioning materials and supplies, training personnel, adhering to labor contracts, counseling workers, administering discipline, and solving technical problems.

Because their jobs cover such a wide range, foremen must have knowledge of many specialty fields. To help the foremen carry out their areas of responsibilities, the Bruce

Division frequently conducts supervisory training seminars utilizing outside professionals recognized in their specialized fields. During the past two years, the Bruce Division has held the following seminars for their foremen:

Labor Management Relations: Five sessions conducted by a Commissioner of the Federal Mediation and Conciliation Service.

Supervisors' Safety Training: Five sessions conducted by a safety representative of Highlands Insurance Company.

Effective Supervision: Five sessions conducted by a consulting

industrial organizational psychologist on the staff of Memphis State University.

These seminars were very useful to the foremen as it widened their knowledge of specifics facing them each day.

So you see, Mr. Webster, the foreman is more than a "person in authority". He is the purchasing agent, stores keeper, safety monitor, housekeeper, line worker, father confessor, "buck stopper" and guardian of his department. Now that's a real Foreman, spelled with a capital "F" — bless him! Salute!



Bruce Division Foremen — Night Shift — Front Row, left to right, Sylvester McKinley, Cutting & Creasing [3rd shift]; Murray Leach, Finishing; Alton Johnson, Cutting & Creasing [2nd Shift]. Back row, left to right, Perry Lile, Warehouse; Vernon Campbell, Printing.

This Is A Beautiful Day!

"You say you love me, but sometimes you don't show it. In the beginning, you couldn't do enough for me. Now, you seem to take me for granted — some days I even wonder if I mean anything to you at all. Maybe when I'm gone, you'll appreciate me and all the things I do for you. I'm responsible for getting the food on your table, for the clean shirt (or dress) you wear each day, for the welfare of your children and your home — for the thousand and one things you want and need. I've kept quiet and waited to see how long it would take for you to realize how much you really need me. Cherish me, take good care of me, and I'll always take good care of you.

"WHO AM I? I'M YOUR JOB."



Bruce Division Foremen — Day Shift — Front Row, left to right, Bill Brewer, Printing; Robert Davis, Warehouse; Charles Medler, Cutting/Creasing; Winford Holmes, Maintenance; Back Row, left to right, Sam Hoover, Finishing; Floyd Stancil, Die Room; Roland Jun, Rotogravure; Ken Mauney, Shipping/Receiving.



Bertha Bosdorf, Eastexan reporter for the Bruce Division, has recently signed up for courses at Memphis State leading to certification in the National Secretaries Association. After two full days of exams, she has passed four of the six courses and she will be enrolling soon to get the other two courses. Certified Professional Secretarial courses include environmental relationships, business and public policy, economics of management, financial analysis and the mathematics of business, communications and decision making, and office procedures. Best of luck, Bertha! [Editorial Note: Our "source" for the above picture and commentary points out that the most remarkable thing about Bertha's accomplishments is "That a woman of her age [55] could do all this!"]

Photographer:

R. H. ["Sneaky Al"] Allen

Battery Explosions

There are, perhaps, many people who do not know or who have forgotten, and particularly during the colder months, that automobile batteries can explode. The Atomic Energy Commission recently reported a battery explosion which occurred when booster cables were connected during sub-zero temperatures. Fortunately, the person connecting the battery cables was not seriously injured because he was able to wash the acid off promptly.

In addition to the danger from the acid, the battery casing shatters and acts like pieces of shrapnel flying through the air.

What can cause this? A

Local 801 Holds Second Bass Fishing Tournament

Last year Local 801 held a bass fishing tournament during the annual maintenance shutdown at the mill and it was so successful that



In the top picture, L. C. Moody, Eastex 3rd Hand on No. 3 paper machine holds his trophy for catching the largest bass [4 lbs. 3 oz.] in the Local 801 Bass Tournament held June 4th. In the lower picture are all the trophy winners, listed in the article on this page.

the tournament was held again this year — with equal success! The tournament was held at Lake Rayburn on June 4th. L. C. Moody, third hand on No. 3 Paper Machine, won the trophy for catching the largest bass, which weighed four pounds, three ounces. Other trophy winners were:

First Place: Carl Gage, Utility, No. 4 Paper Machine and Buddy Sandefer, 5th Hand, No. 4 Paper Machine.

Second Place: Jerry Dewitt, 3rd Hand, No. 4 Paper Machine and Joyce Dewitt, Jerry's wife.

Third Place: Clayton Cox, Machine Tender, No. 1 Paper Machine and George Cox, 6th Hand, No. 4 Paper Machine.

Fourth Place: L. C. Moody, 3rd Hand, No. 3 Paper Machine and Steve Moody, L. C.'s son.

Fifth Place: Sam Ikner, Mill Process Data Clerk and Gary Ikner, Sam's son.

Winners are pictured, with their trophies, on this page.



fully-charged battery, or one being charged, generates hydrogen gas which is highly explosive. It takes as little as 4 percent hydrogen in air to form an explosive mixture. You can see that it is very important to prevent sparking near the cell caps where the hydrogen is usually present.

Based upon actual cases, the following are some reasons why

battery explosions occur:

1. Connecting or removing the terminal cables while the battery charger is in the "on" position.

2. Creating a spark in connecting the cable to the improper pole.

3. Using a match or other potential source of ignition for lighting the work.

4. Fastening cables to a battery post which is internally damaged.

Temple-Eastex Presents "America" Series On Local TV

On the evening of September 7th from 7:30 to 8:30, Temple-EasTex Incorporated presented the debut of Alistair Cooke's "AMERICA" series on KFDM-TV Channel 6.

This distinguished series, consisting of thirteen one hour programs, has earned television's highest honors. Winning not only the prestigious Peabody Award for "Programming Excellence" but also four Emmy Awards. A personal history of the United States by Alistair Cooke, "AMERICA" itself has created television history as the only series to be awarded Emmys for both categories of programming: "entertainment" and "documentary".

Its awards are legion. "AMERICA" earned for Alistair Cooke the Benjamin Franklin Award of the Royal Society. The National Cowboy Hall of Fame, in Oklahoma City, recognized the series and presented its Wrangler Award to "AMERICA's" fifth episode, entitled "Gone West" as "the outstanding western factual TV program."

Temple-EasTex Incorporated presents Alistair Cooke's own sweeping, sensitive survey of the United States history, from early Indian settlements to the overcrowded metropolitan cities of today, from the exploring of a new continent to the landing of spacemen on the moon, from the isolated, pioneering life of frontiersmen to interlaced complexities of living in an era of technology.

A co-production of Time-Life Television and BBC-TV, "AMERICA" was two years in the making, covering over 100,000 miles for on-location filming.

In conjunction with the presentation of the thirteen, one hour programs, Temple-EasTex Incorporated is making available to school systems throughout East Texas, teachers guides based on the text of the "AMERICA" series. These guides may be used at the discretion of teachers to utilize the programs as teaching aides. All thirteen programs will be shown during the 1975 school year.

The "AMERICA" series supports Temple-EasTex Incorporated's com-



Jerry W. Dunn, Eastex woodyard crane operator, retired June 30th. He is pictured above with a host of his Eastex friends, cutting his cake. He was presented with several gifts to assure his fishing success in the years to follow. Jerry had been with Eastex since June 1962.

Irby Fox Joins Eastex

William Irby Fox, Sr. joined Eastex on July 1 as Electrical and Instrument Superintendent. Fox, a native of Bellfontaine, Mississippi, graduated from Mississippi State University in 1955 with a Bachelor of Science in Electrical Engineering.

Prior to Joining Eastex, Fox was Electrical and Instrument Superintendent at Georgia Pacific's paper mill in Crossett, Arkansas. He has also held the positions of Plant Engineer at Weyerhaeuser's paper mill in Valliant, Oklahoma, and Electrical and Instrument Superintendent at St. Regis Company's paper mill at Monticello, Mississippi. His experience outside the paper industry includes eleven years in the Electrical Maintenance Department of United States Steel Corporation's rolling mill in Birmingham, Alabama.

Irby and his wife, Marguerite, will reside at 108 Inwood Drive in Silsbee. They have four children, Irby, Jr., Steven, Stanley and Kerry.



Irby Fox [right], who joined Eastex July 1st as Electrical and Instrument Superintendent, is pictured above with Don Cobb [center], Eastex Electrician, and George Dillard [left], Eastex Electrician Helper.

Four Months To Pay Taxes

The average American taxpayer commenced working for himself on May 9.

Up to that date this year he will have worked just to pay his federal, state and local taxes, according to taxation experts of the Chamber of Commerce of the United States.

They figure that Mr. Joe Average works two hours and 49 minutes out of an eight-hour day to pay all of his tax bills.

How about that? Over 4 months just to pay taxes. No relief in sight either.

mitments to present programming that will be entertaining for the entire family as well as give an insight to the world in which we live.

Temple-Eastex Transplants Alligators To Boggy Slough

Early morning truckers on the highway from Beaumont to Lufkin encountered a strange cargo in the back of a Temple-Eastex pickup.

Alligators. Five of them, dressed up with their mouths taped shut, on their way to the company's wildlife management area in Trinity County.

Gene Samford, Temple-Eastex Special Projects officer said transplanting alligators is just one more extension of the company's on-going program to reintroduce wildlife into areas of East Texas which was their natural habitat years ago.

"Aesthetically, I suppose alligators don't compare with the work we've done to increase deer and wild turkey population," said Samford. "But this most ancient of reptiles performs a very vital function in the environmental chain."

Samford said alligators, being meat eaters, serve to maintain a balanced food chain through their scavenging of scrap fish, turtles, crawfish and nutria.

"I'll have to admit they can be pretty tough on unwary duck populations, and other waterfowl, but it's amazing how quickly the birds can adapt to a new predator."

Samford said alligator populations had been decimated over the years through overhunting, and reclamation of their natural habitat for other uses.

"They like marshy areas, warm water, and a good food supply. The wildlife reserve we have created at Boggy Slough should provide all their natural requirements."

Nesting places created by female alligators and the dens they build under streambanks and deep water pools enhance fish habitat according to Samford. Even though the female hatches up to fifty eggs each year, survival is low, as raccoons consider the eggs a delicacy, and fish, birds and other alligators consider the young offspring a real delicacy.

"There won't be a population explosion anytime soon," said Samford. "Alligators don't mate until they are five or six years old, so those youngsters we transplanted at Boggy Slough this week have



Gene Samford, Temple-Eastex special projects manager, releases one of five alligators.

some growing up to do."

But if you hear barking, roaring and other strange noises coming from out of the Sloughs off Highway

94 in Trinity County, recognize it for what it is — a chorus of alligators establishing a new home in Deep East Texas.



A Texas Longhorn Roper Saddle was donated by Eastex to the Evadale Lions Club for their Open Class Horse Show which was held August 3rd. In the picture above, Gex P. Condit, Eastex Vice President, Administration [left] turns over the saddle to Walter "Bud" Pickett, Eastex 3rd Hand No. 1 Machine who is President of the Evadale Lions Club. The saddle was presented to Deborah Hamilton who was the High Point Winner of the horse show, and she wrote Mr. Condit a letter of appreciation for the saddle.

SOME INTERESTING FOOT FACTS

a. In an average lifetime, our feet will carry us across 65,000 miles, the equivalent of eleven round trips coast to coast.

b. By the time we are adults about 80% of us have foot troubles, primarily because we have neglected good foot care and/or have been improperly fitted.

c. Each foot has 26 bones, 30 joints, 107 ligaments and 19 muscles. These form an intricate framework that, in spite of the abuse we give them, manage to support our bodies within such a small bearing area.

d. Proper socks or stockings are important to foot comfort. They should be at least one-half inch longer than our longest toe. Tight fitting stockings can put as much as

Tree Lovers Get Good News From Figures

A recent Gallup Poll shows most Americans think our forests are vanishing — that we're running out of trees.

Fortunately, we aren't, according to the American Forest Institute which recently said:

"True, civilization is encroaching on the forests, but we still have about 759 million acres of forestland.

"That's close to three-fourths of what was here when the Pilgrims landed.

"More than half of the American forest is east of the Mississippi. Both Massachusetts and Connecticut are 62 percent forested today. New Jersey and New York are about 50 percent forest. And about 28 percent of the total American Forest is in the 13 Southern states.

"In a few states we're even gaining a little ground. Maine is about 90 percent forest today — up from 80 percent in the late 1930's.

"The forest industry continues to grow more wood than it harvests. In many places it actually is speeding up the forest cycle by a third or more to yield more wood and wood fiber from the same land.

"For example, America's wood products industry owns only 13 percent of the nation's commercial forests. Yet it grows enough raw material for almost 30 percent of the wood products made in the U.S. each year.

"The reason such a small fraction of the land can produce such a large fraction of the wood we need is intensive management and heavy capital investment in forestry.

"And we'll need every bit of it to meet the growing demand for paper and wood products.

"The good news is that we need never run out of forests — or wood

twenty pounds of pressure per square inch on our toes as well as cramping muscles and upsetting our posture.

e. Our feet are important to good health. We should never compromise on quality or fit when purchasing our shoes.



EIGHTEEN AT ONE BLOW — Pat Pryor [right] Eastex forester's aide, unwittingly disposed of 18 timber rattlers recently when he killed this gravid female snake in woods west of Sour Lake. She measured four feet, five inches in length and her belly had circumference of seven and one-half inches at the widest point. A posthumous operation revealed 17 young snakes inside her womb. According to The World Book encyclopedia all rattlers bear live young; many other snakes lay eggs. Pryor and Lincoln Skillern [left] Eastex district supervisor, found the snake in an abandoned tent near an old logging road in the southern section of Hardin County.

products — in the United States. Not if we manage what we have wisely and continue to encourage involvement in forestry.

"That means adequate funding of federal and state forestry agencies to pay for the care of 136 million acres of publicly owned commercial timberland.

"It also means encouraging small woodlot owners who own 59 percent of our nation's most productive forest land. And it means government policies that encourage private investment in forestry.

"So trees aren't like oil, or coal or even plastics. They're more like the storied cake: one we can eat, and have, too."

The U.S. can double timber production by the year 2020 through intensification of forest management nationwide.

W.A. Eddy Retires August 1

W. Allen Eddy, manager surveying and mapping, retired August 1, after nearly 37 years with Southwestern Timber Company, now a part of Temple-Eastex Forests Division.

Allen spent his first fourteen years with Southwestern at the company headquarters in Houston, and was transferred from Houston to Jasper in 1954 when Southwestern became a wholly-owned subsidiary of East Texas Pulp and Paper Company.

His activities covered a broad range of responsibilities, mapping and surveying company lands, and overseeing many construction projects.

Some 150 of his friends and associates from Southwestern, Eastex and Temple Industries hosted a farewell party for the Eddys at Forest Lake on August 1.

Temple-Eastex Forests Division General Manager Kenneth Nelson has announced that R. P. Hicks has been promoted to Eddy's position of manager, surveying and mapping.



Allen Eddy, manager surveying and mapping, Temple-Eastex Forests Division, retired August 1, and was given a retirement party at Forest Lake on this occasion. In the picture above he is opening one of the many gifts he received, under observation by his wife and Kenneth Nelson, vice president and general manager of Temple-Eastex Forests Division. Some 150 of Allen's friends and associates gathered for the occasion.



Bevil Hart, who was promoted to Training Coordinator on June 16th.

Bevil Hart Promoted To Training Coordinator

Bevil Hart was promoted to Training Coordinator on June 16. Initially, he will devote his time and efforts toward getting our Maintenance Helper Training Program operating in a more efficient manner. Following this, he will expand into Operator Training where needed.

Bevil, who has a B.A. Degree from Baylor University, came to Eastex from the Beaumont School System in June 1967. He was a High School science teacher. He has worked at Eastex as Chemist, Shift Chemist, Quality Control Foreman and was promoted to Technical Assistant on the Off-Machine Coater in January 1972. When the Off-Machine Coater was shut down in January 1974, he was transferred to the job of Woodyard Foreman.

In making the announcement of Bevil's new position, Lewis H. White, Production Manager, said,

"Bevil has done a good job in each position he has held at Eastex and is well qualified to head up our training program. I know all of you will cooperate with him to make his new job and our training program an outstanding success."

"Emotionalism unbridled can overstate a just cause, blur issues and confuse judgment. The time has come when we must address the central question of the relationship between the environmental movement and the economic structure of our society with clear-headed analysis and a strong dose of common sense."

—John Quarles, acting deputy administrator, U.S. Environmental Protection Agency

"The 'Pure Air Now' people seemingly would take away or restrict the use of our automobiles, deter the building of nuclear power plants needed to avoid future energy crises, and retreat into the unrealistic world of green pastures and empty pocketbooks."

—John S. Knight, newspaper publisher

Safety Wise

We experienced one lost time accident in June, in the Paper Mill, but had none in May, July or August (at least as of the time of this article). This shows some fine improvement, since we had six lost time accidents during the first four months of the year. However, our doctor cases for the last three months have been on the increase and we really need to reduce these, since the difference between a minor accident and a major accident is normally only a matter of chance. Since these accidents have continued our Safety Bingo Contest which we started the first of May is still running — no employee has yet "covered the card". Let's hurry up and have a big winner!

I am showing again below some statistics from our quarterly Accident Analysis Report prepared by Highlands Insurance Company, our insurance carrier. By reviewing this material you will note times and places where we need to exercise special caution and where we need to make substantial improvement.

Our monthly Safety Slogan prizes are continuing, and in May, Mrs. Lawrence Woods won an electric blender; In June, Mrs. Doyle Hollister won a coffee maker; and in July, Mrs. Brown Maricle won an electric fry pan.

ACCIDENT ANALYSIS SECOND QUARTER

Accidents by Month:

April	21
May	18
June	16

Accidents By Location

Maintenance	24 (44%)
Paper Mill	13 (24%)
Woodyard	4

Pulp Mill	5
Finishing & Shipping	4
Wood Procurement	2
Power & Recovery	1
Engineering	1
Storeroom	1

Day of Accident

Sunday	4
Monday	11
Tuesday	13
Wednesday	5
Thursday	9
Friday	10
Saturday	3

Time of Accident

A.M.	31 (56%)
P.M.	24

Length of Employment of Injured

Less than 1 year	5
1 - 5 years	18 (33%)
6 - 10 years	24 (44%)
11 - 19 years	7
20+ years	1

In addition to the above statistics, the analysis showed that 20% of our accidents were situations where the employee was struck by something and 15% were falls or slips. Injuries to hands and fingers accounted for 27% of the injuries.

Our own monthly statistics for doctor cases and lost time accidents are given below.

Department	May	June	July
Woodyard	3	1	1
Pulp Mill	1	2	4
Paper Mill	9	*2	6
Finishing & Shipping	0	1	3
Secondary Operations	0	1	0
Maintenance	5	9	12
Power, Recovery, Causticizing	0	0	1
Quality Control	0	0	1
Wood Supply	1	0	0
Office	0	0	0
Production Services	1	0	0
Totals	20	16	28

*One of these accidents was a lost time injury.

Total Man Hours Worked

May	202,267
June	209,749
July	207,943

Medical Service's Report

Many skin troubles are only "skin deep" and they will never be fatal, but some do cause extreme discomfort and mental anguish. Preventing skin problems is better than trying to cure them.

Oil, solvents or other similar substances left on the skin will clog pores and cause inflammation. Cuts and scratches are easily infected when unclean conditions exist.

If your work area is dusty or if you handle petroleum products or chemicals, you will need to take extra care in washing up.

Always wash before lunch and at quitting time; more often than that will not hurt. Work clothes should be washed every day.

Wash immediately if anything harmful splashes on your skin or in your eyes. Use plenty of soap and water and scrub with a soft brush if you need it. Always dry off with clean towels. After using solvents, scrub thoroughly and apply a cream or lotion to restore natural oils.

Minor skin injuries that are not taken care of properly could result in major infections later on.

The forest is a factory that uses solar energy to convert water, air, soil, and nutrients into a renewable and biodegradable industrial resource — wood.