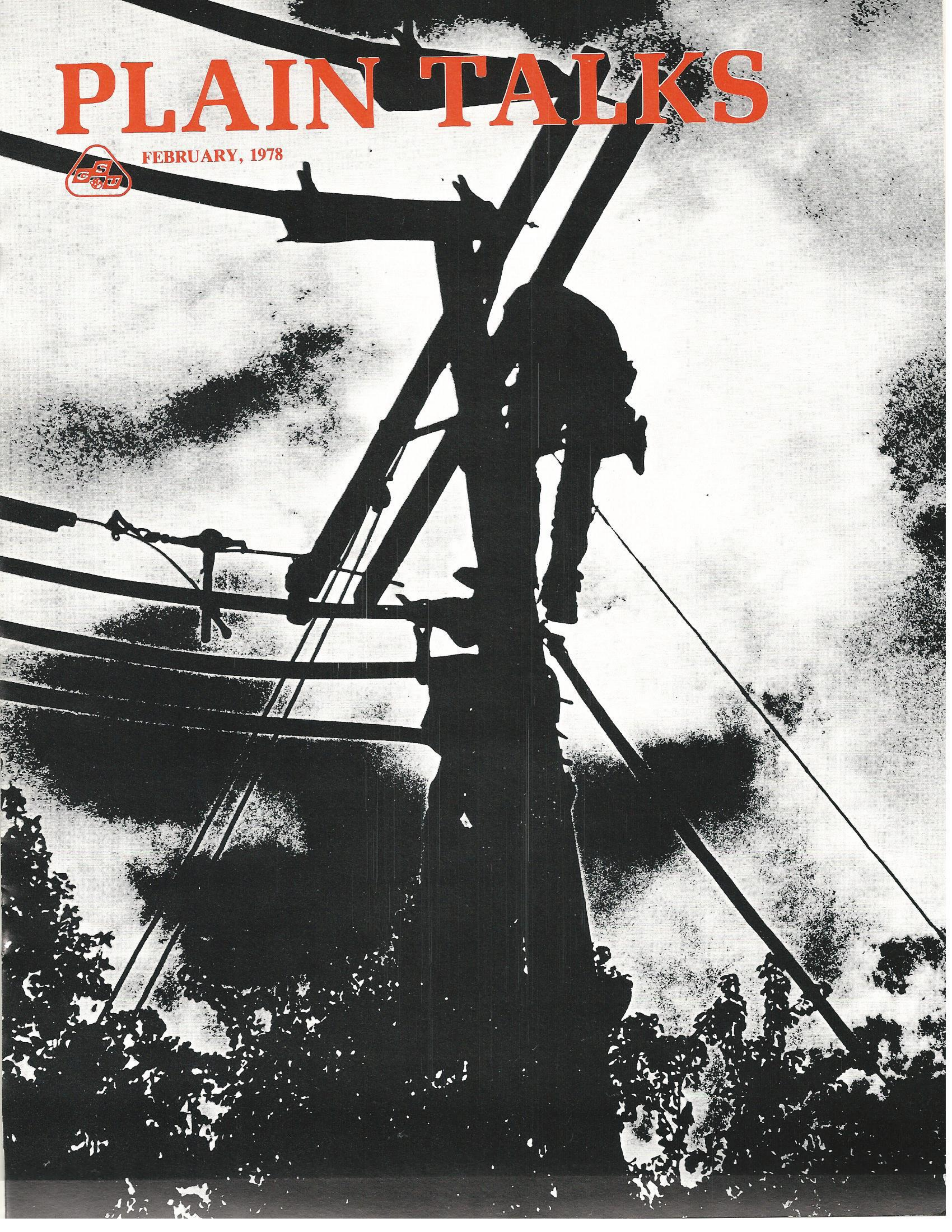


PLAIN TALKS

FEBRUARY, 1978



Welcome Aboard

SYSTEM DEPARTMENTS

River Bend Project

Reynolds David B., Bmt., Engr Asst - Overall

System Operations

Roper Harry W., Bmt., Laborer I - Bldg & Grnds-M O

Financial Services

Hebert Arlynra E., Bmt., Dept Clerk - Overall

Thompson Melodie I., Bmt., Stenographer - Overall

Werner Linda Z., Bmt., Stenographer - Overall

System Engineering

Pinon Belen V., Bmt., Dept Clerk - Eng Svs/Sched

General Services

Aucoin Martha C., Bmt., Stenographer - Off Svs-Steno

Peters Betty R., Bmt., Stenographer - Off Svs-Steno

Varibus

Allen Mary C., Bmt., Stenographer-Sr - Overall

Accounting Services

Jesko Joycelyn T., Bmt., Clerk - Accts Payable

Information & Data Services

Denton Cynthia C., Bmt., Tab Mach Operator - IDS/DSO

BEAUMONT DIVISION

Distribution

Bonin Sonja J., Bmt., Laborer I - T&D/Lab crws

Clayton Patricia J., Bmt., Dept Clerk - T&D/Engrg

Hebert Robert L., Bmt., Engr Helper - T&D/Engrg

Greer Stuart A., Orange, Helper-T&D/Lab Crws

Division Accounting

Morales Virginia L., Bmt., Clerk - Cust Accts

PORT ARTHUR DIVISION

Division Production

Thompson Elmer A., Pt Arth, Laborer I-Sab Sta-Lab Crws

Akers Dorothy H., Pt Arth, Mech Helper-Sab Sta-Test

Hulin Johnnie R., Pt Arth., Equip Oper-Sab Sta-Operns

Carney Cynthia S., Pt Arth., Equip Oper-Sab Sta-Operns

Dickerson Russell R., Pt Arth, Laborer I-Sab Sta-Lab Crws

Division Accounting

Simon Phyllis I., Pt Arth., Clerk - Cust Services

WESTERN DIVISION

Distribution

Grant Howard L., Conroe, Laborer I - T&D/Lab Crws

Joyner Delbert D., N Caney, Helper-T&D/Lab Crws

Houston Sam, N Caney,, Helper-T&D/Lab Crws

Greenwood Kirk C., Huntsvl, Helper-T&D/Lab Crws

Staton John A., Conroe, Laborer I - T&D/Lab CRws

Division Accounting

Bueche' Donna B., Conroe, Clerk - Cust Accts

Steele Norma S., Conroe, Clerk - Cust Accts

Hill Johnnie S., N Caney, Local Officer Clerk - Overall

Glenn Carl R., N Caney, Meter Reader - Cust Accts

Birdwell Linda J., Conroe, Clerk - Cust Accts

Becker Ronald T., Navosota, Meter Reader - Cust Accts

BATON ROUGE DIVISION

Division Production

McCurdy Robert E., B Rouge, Equip Oper-W/Glen-Operns

Morgan Walter E., B Rouge, Equip Oper - W/Glen-Operns

Carson Albert J., B Rouge, Laborer I - La Sta-Lab Crws

Austin Kenneth W., B Rouge, Repairman 1/C-W/Glen-Mechl

Murry Frank T., B Rouge, Equip Oper-W/Glen-Operns

Cambre Robert P., B Rouge, Equip Oper-W/Glen-Operns

Landry HJarold T., Jr., B Rouge, Equip Oper-W/Glen-Operns

Freeman James C II, B Rouge, Laborer I-W/Glen-Lab Crws

Day Floyd D., B Rouge, Oper Helper - La Sta-Operns

Horton William C., B Rouge, Laborer I-La Sta-Lab Crws

Lafferty Deborah F., B Rouge, Equip Operator-W/Glen-Operns

Gann Robert H., B Rouge, Repairman 2/C-W/Glen-Mechl

Broussard Robert J., B Rouge, Repairman 2/C-W/Glen-Mechl

Reeves Michael W., B Rouge, Equip Operator-W/Glen-Operns

Noland Larry K., B Rouge, Equip Operator-W/Glen-Operns

Gas Department

Peters Dennis J., B Rouge, Laborer I - Dist-Lab Crws

Distribution

Guillory Georgia D., B Rouge, Dept Clerk-T&D/Engrg

Anthony Melodee B., B Rouge, Dept Clerk-T&D/Garage

Torres Beauregard W., Pt Allen, Helper-T&D/Lab Crws

Division Accounting

Breaux Jacquelyn F., B Rouge, Clerk - Cust Accts

Tomlinson Patricia R., B Rouge, Clerk - Cust Accts

Byrd Peggy M., B Rouge, Clerk - Cust Accts

Hall Gayenel, B Rouge, Clerk - Cust Accts

Arnojd Daniel L., B Rouge, Meter Reader - Cust Accts

Clay Pauline M., B Rouge, Clerk - Cust Accts

La Bauve Lisa M., B Rouge, Clerk - Cust Accts

Aguillard Larry K., B Rouge, Meter Reader - Cust Accts

Hill Darius W., Pt Allen, Meter Reader - Cust Accts

Poole Robert A III, Zachary, Meter Reader - Cust Accts

Moore Madeline D., B Rouge, Meter Reader - Cust Accts

Aucoin Tamara C., B Rouge, Clerk - Cust Accts

Lamousin Sharon K., B Rouge, Clerk - Cust Accts

LAKE CHARLES DIVISION

Division Production

Woods Charles H., L Chas, Mech Helper-Nelson Sta-Test

Dixon Edwin G., L Chas, Equip Operator-Nelson Sta-Operns

Distribution

Johnson Randy C., L Chas, Laborer I - T&D/Lab Crws

Hulin Harry J., Lafay, Laborer I - T&D/Garage

Hebert Warren H Jr., Lafay, Helper-T&D/Lab Crws

Lewis Larry J., Lafay, Helper-T&D/Lab Crws

Duhon Austin Jr., Lafay, Helper-T&D/Lab Crws

Gremillion Grady J., Sulphur, Helper-T&D/Lab Crws

Division Marketing

Simon James H., L Chas, Consumer Serv Repr - Consum
Srvs

Division Accounting

Martin Margie W., L Chas, Clerk - Cust Accts

Pair Stephen J., L Chas, Meter Reader - Cust Accts

Augustine Melton R., Lafay, Meter Reader - Cust Accts

Rainey Rebecca E., Lafay, Clerk - Cust Accts

Duhon Patricia R., Sulphur, Local Office Clerk - Overall

MANAGEMENT

Crawford Donham W., Bmt., Chairman-Elect-Executive

Ray Gerald L., Bmt, Engineer-Pwr Plant Eng & Des

Kattelman Ronald H., Bmt., Inventory Analyst-Mat Srvs

Dorgan Cynthia C., Bmt., Asst Purchas AGent-Mat Srvs

Steward Alexander T. III, Conroe, Engineer - T&D/Engrg

Lattu Peter H., St Fransvl, Coordinator-Methods & Procedures
R/Bend - Mat Srvs

Rogers Rodney D., Bmt., Engineer - Pwr Plant - Eng & Des-Proj
Engrg

PLAIN TALKS

Volume 56 - Number 2 February, 1978

Pat McMeel, ABC
Editor

Rick Harvin, Contributing Editor

Ken Haynie, Artist

Published Monthly By Public Relations Dept. - James S. Turner, Director

WELCOME ABOARD

Page 2

HUMAN FACTOR . . .

“Switching Orders” must be carried out precisely by both the dispatcher and the employee in the field. A mistake by either one could cause thousands of dollars worth of damage . . . or even cost a life.

Page 6

DATELINE: Somerville . . .

Our company’s western most office is manned by three people . . . and all three agree they wouldn’t trade places with anyone.

Page 8

GSU NEWS

Thermal Storage makes an appearance in
Beaumont
Thrift Plan

Computer Science Explorer Post established
Employee becomes first woman deacon
CONTACT: Questions & Answers

Page 15

DEATHS

Two active, and two retired employees
succumb

Page 16

PEOPLE ON THE MOVE

Page 20

SERVICE AWARDS

Page 22

RETIREMENTS

Page 23

DIVISIONS HOLD CHRISTMAS PARTIES

OUR COVER: Linemen daily work in high risk situations. Many times their safety is in the hands of others who give, and execute, the switching orders designed to stop the flow of electricity through a certain point.
(See story on page 2)

GULF STATES UTILITIES CO.

P. O. Box 2951

Beaumont, Texas 77704

Member:
 Houston

Linemen, servicemen, substation employees and others have for years worked in, around, over and under lines and equipment that, if energized, or if touched, could cause death or dismemberment. It's a high risk job with demanding safety requirements, and at the very heart of those requirements are the "switching orders."



HUMAN FACTOR ALWAYS PRESENT

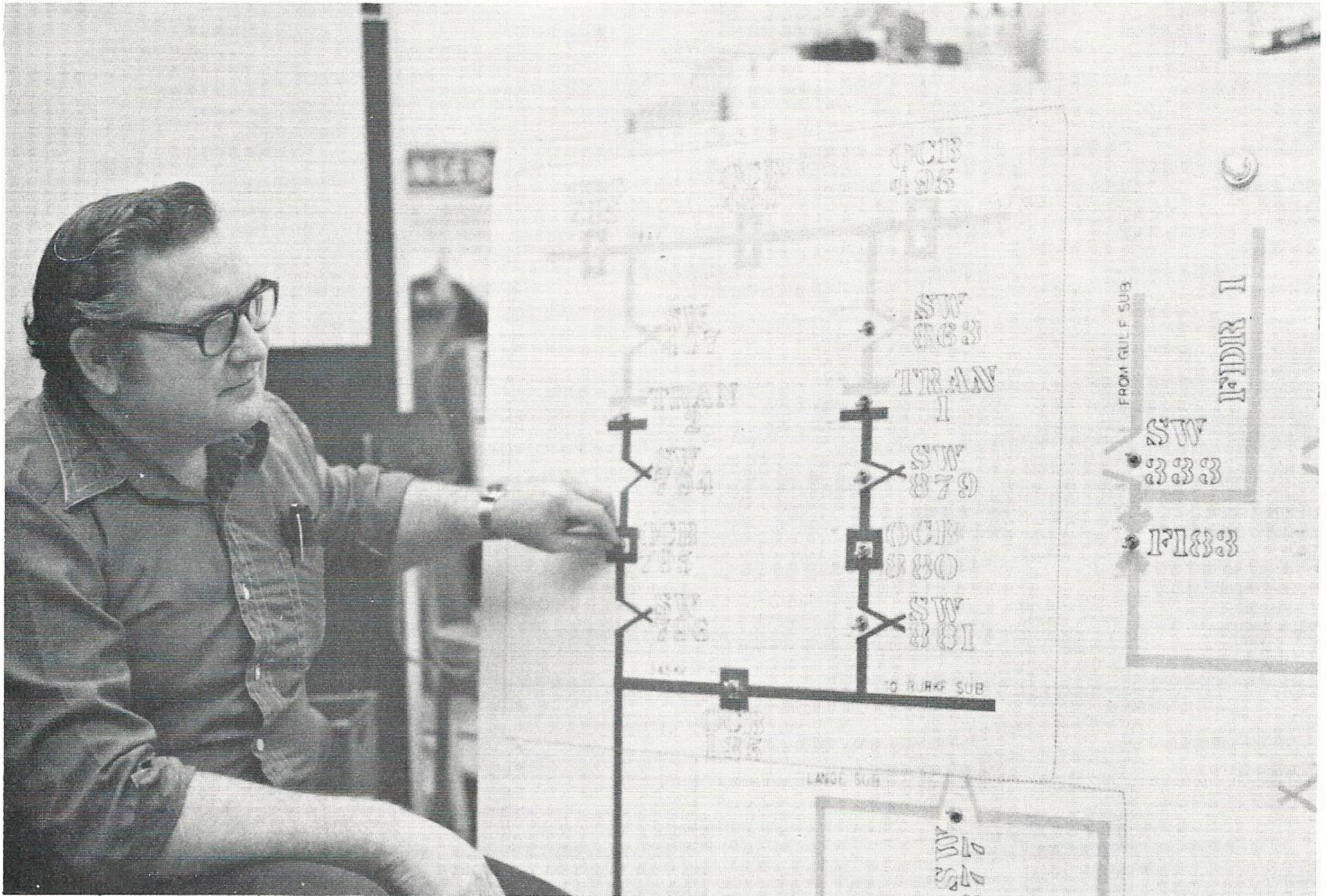
A new device in Conroe is being utilized to practice switching orders in the safety of a room.

It's kind of a strange feeling working at the top of an electric utility pole around so much potential danger. You know that the wires are dead, that they have been by-passed at some point down the line diverting the 69,000 volts of energy that normally would be passing through the lines. And though you trust the competence and knowledge of your co-workers, you can't help but wonder what, if anything, you would feel if someone, somewhere, made the mistake that could kill you.

"There is no way to over emphasize the importance of switching orders, or how to carry out those orders in the field," said Neil Teague, relay and communications foreman in Conroe. "At worst it could take the life of a man, and at least cause thousands of dollars worth of damage to equipment. This is one reason I designed this practice switching board."

The board is a device that Teague researched to simulate actual switching procedures at bulk stations, or of distribution lines and feeder breakers. The board is complete with circuit diagrams, switches, lights and buzzers designed to react quietly if all procedures are followed properly, but to sound off loudly if a mistake is made. "The board is designed to handle every possible switching order, and mistake. It is a means whereby anyone who is likely to be associated with switching orders can give orders and execute them. If they make a mistake here there is no harm, but a lesson learned." Curtis Kurten and Gary Lange, both relaymen first class in Conroe, constructed and painted the board after Teague had worked out the design and circuitry.

The idea came to Teague following a safety meeting one day in Conroe. "These meetings are a necessity, but I thought that



Neil Teague checks out the switches on his "Teague Power Company" board prior to a safety meeting where the board is to be used to practice switching orders.

something was needed to create more interest, a special kind of visual aid if you will." The response was immediate. Servicemen, linemen, dispatchers and others have "played" with the board and found it to do just what Teague intended it to do.

Previously, there just wasn't any way to "practice" switching techniques. The usual way of a new man learning what to do was, and still is, on the job training. Through the years, under the watchful eyes of senior employees, a man would learn what to do in a certain situation. Mistakes, when they happened, were almost always very costly.

"When and if you pull the wrong switch you might just blow up a big transformer," said Teague, "and that means at least \$50 thousand just went up in smoke." Teague pointed out that even a regulator could cost upwards of \$10 thousand for replacement. Then there is always the human life to consider.

C. D. Gayle, dispatcher at Conroe, backs up Teague's statements emphasizing that many switching orders are carried out by men who know what to do, but not necessarily WHY they do it that way. They know the proper sequence to do the switching, but not the theory of what takes place when they do it. The more background a man has in electricity, the better. Using

the switching board can help that man understand what happens when he does throw a switch, in addition to learning just the proper sequence to follow."

Gayle went on to say that when a switching order is given, the dispatchers and the man receiving the order are required to use a certain, uncompromising technique. The dispatcher reads the order, the man on the other end of the transmission must then read back the order exactly as it was given. No step must be left out. Then finally, the switching order itself is executed.

The switching board was first used by Teague in a series of safety meetings he conducted in the Western Division. He would set up the board, then call



Dispatchers Roland Goodson and C. D. Gayle are two men who know the importance of “dispatching” the proper switching order. “We give an employee a switching order in a precise manner, and before that person executes that order, it must be read back exactly as we gave it. It’s too important to take a chance on.”

on a lineman, for instance, to take down the switching order Teague would dictate. Sometimes Teague would give this order intentionally fast in the voice of a dispatcher with lots of trouble calls to transmit. The lineman would then proceed to try and execute the order using the practice board. If he has written down the wrong number or misunderstood a step along the way, the resulting mistake would set off a loud buzzer attached behind the board.

“What happened?”

“You just destroyed a \$70 thousand piece of equipment.”

Back to the practice board. If a mistake is going to be made, better make it here than later in the field. These safety sessions

make their point.

Our employees know the importance of taking a switching order right, and they know what could happen if they have any doubt about the proper way to secure a line section, or substation or whatever. This board just makes it a little more graphic, and acts as a reminder.

The board will soon be redesigned for use in the Navasota district by its crews. Where ever it goes, you can bet it will get a lot of attention. In fact, you can bet your life.

DATELINE: SOMERVILLE

Our company's western-most office is staffed by three friendly folk who wouldn't trade places with anybody.



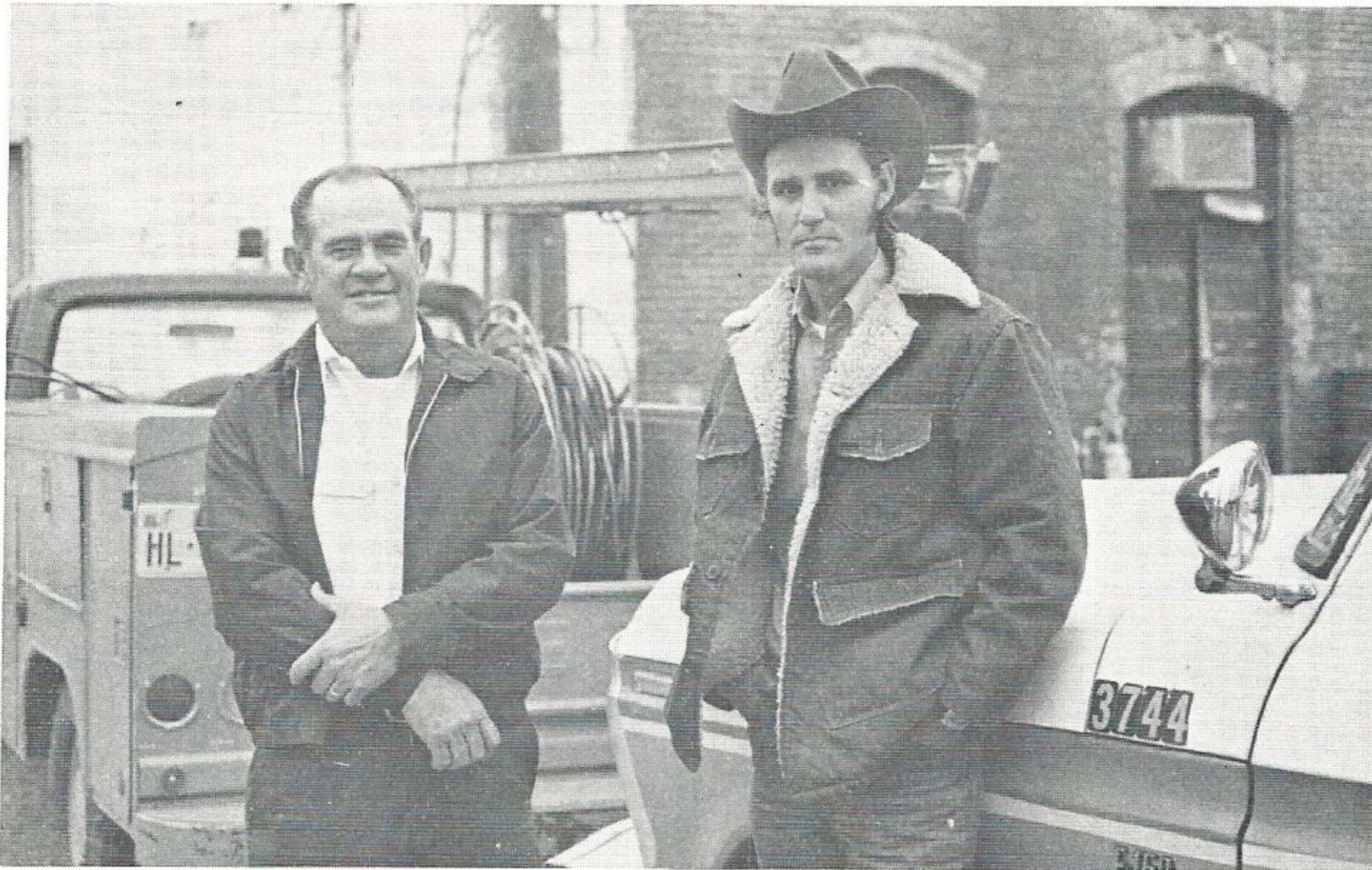
The Somerville gang.

The first thing you might notice about Somerville, (population 1,500), our company's western most office, is that the town is a railroad town . . . I mean a real, honest to goodness, old fashioned railroad town which, if you're over 30, you may remember from your past. There aren't many towns like that anymore.

"Railroading is still big business here," said Robbie Sweet, district serviceman who has called Somerville home for the last 20 years. "The Santa Fe is the town's largest employer." Santa Fe property fairly dominates in-town activity with a large switching yard, and a treatment plant for railroad ties and lumber used for railroad construction projects such as bridges. Basically though, Somerville is a farm town. It's ranch and farm country, wide open spaces, rolling hills, Brazos River bottoms and rich in Texas history.

"It's the kind of country where you can raise your kids secure in the knowledge that they are going to enjoy many facets of life a city kid can only read about," is the way Michael Argo described it. "I've been out here four years and I don't want to go back to the Beaumont area." Argo wasn't being critical of Beaumont in particular, but city life in general. "Out here my kids can ride horses, fish in a creek, walk in the woods, or just go exploring. It's a totally different life style and I love it."

Sweet and Argo have come to Somerville and found it a place to put down roots. The other member of the Somerville office is a native born, Mary Brock, office clerk. She, her husband, Frank, and their three children, Gail, Suzanne and Joey wouldn't consider living anywhere else. "This is home and we have everything we need. Excellent hospital care is available not too



Robbie Sweet and Michael Argo



Mary Brock

many miles down the road in Brenham, good university education at Texas A&M some 30 miles to the north, and good friends, clean air and a safe environment right here in Somerville." No one is going to argue with Brock's logic.

There are some drawbacks, however, in being a district serviceman in an area such as Somerville. "We're kinda removed from the company out here," said Sweet, "and Mike and I have to do whatever it takes to get the job done." What Sweet means is that out in a rural area like Somerville, a serviceman literally does it all. He reads meters, he makes collections, he restores service, he makes new connections, he inspects the lines, he climbs poles, he troubleshoots any problem area, and he is the complaint department. It's a 24-hour a day job, but after talking with them for awhile, you kind of get the idea they like it like that. They are their own men. "I guess our biggest worry," said Argo, "is what would happen if we got into some kind

of trouble out in the boondocks. I mean there would be nobody around to know you were in trouble." But both are quick to admit that Navasota (District headquarters) is quick to respond when there is major trouble in the area.

"One of the things I like about living and working in an area such as Somerville," said Argo, "is that you soon come to know everybody and they all know you. I've only been here four years and I recognize just about everybody on the street. That wasn't true in Vidor where I came from, or in Beaumont. You could live in a city for years and never know your neighbor."

Argo and his wife, Gwen, are firmly convinced this is the life for them. Their son James is quickly adapting to the country life, and young Sammy is a native born resident of Somerville. "It's a life style that's easy to like."

Sweet echoes those thoughts. He and his wife, Helen, have raised four children in Somerville. Only the oldest, Robbie,

was not born there. Dana, Dona and Don know no other home. "You can have your cities. Oh, we have some of the problems the big cities have, but in a town this size those problems can be handled."

With Houston just 90 miles to the southeast, Somerville has begun to experience growth of another nature. A 13,000 acre lake has been constructed there for flood control, and Lake Somerville is gaining a reputation as a fishing area of some repute. Couples in retirement are discovering the advantages of Somerville and its surroundings. Camps are beginning to dot the shoreline, and Sweet and Argo keep connecting new service. It's a lifestyle they wouldn't trade for anything, and who can blame them.

THERMAL STORAGE HOME OPENED

by Rick Harvin
Contributing Editor

Ice maker . . . that probably brings to mind a very convenient item to have at your next party. In the case of a joint project of Gulf States Utilities and Lamar University, however, the ice maker is an important part of a new home-cooling system.

The system, first shown in ceremonies held in January, is now working in a Thermal Storage Project Home located on Park Place Drive in Candlestick Subdivision at Lumberton, off Highway 96. Hugh Haley, a Beaumont-area builder who has experience with energy efficient homes, built this one with construction features to meet Gulf States' "energy sensible home" standards.

The opening of the house drew a crowd which included representatives of the media, GSU, Lamar U. officials and Al Askew of the Texas Governor's office. An unusual ribbon-cutting ceremony, where the ribbon was "cut" by being chipped out of a block of ice, got things started.

Then came tours of the house and its energy system. On one side of the structure is the main feature of the project, the cooling equipment. This unit, known as the ice maker, includes a 1½ ton commercial chiller capable of storing 292 gallons of water or 2,430 pounds of ice.

Looking inside the unit (which is very well insulated) with its submerged coils, one observer joked, "What a great place to store your beer!" Of course, the unit wasn't designed for that, but the very cold water inside was suitable for keeping almost anything "on ice." Ice forms around the coils and is then used in chilling water for the air conditioning system. One of the main advantages of this is that the water can be chilled during late-night or early-morning hours. This is the "off-peak" time, when the load on GSU's system is minimal. And that helps the homeowner and the utility company.



Four of the officials on hand for the ribbon chopping ceremony are busily engaged trying to get to the ribbon. The ceremony marked the opening and display of the Thermal Storage Project Home in Lumberton, Tx. From left to right are Hugh Haley, builder of the home; Alvin Askew, Advisory Assistant for Energy, State of Texas; R. Earl White, GSU vice president; Bud Leonard, University Relations vice president, Lamar University.

Will the unit keep the entire home cool? "This system is substantial enough to easily cool a house of this size," Lamar's Charles Corgey, who worked on the project, explained. The all-brick home covers approximately 1,700 square feet.

As for heating, that comes from a split air-to-air heat pump with supplementary heaters. A standard electric water heater is used for domestic hot water, but here again the project cooling unit helps.

Preheated water comes from a heat recovery system installed on the cooling unit. This way, all the hot water you need, from baths to dishwashing, can be produced more efficiently.

Around the equipment, monitoring devices are very apparent. Lamar officials explained these devices are present to determine just how efficient the system operates.

Kenneth E. Shipper, dean of the College of Technical Arts at Lamar, said findings from this project would definitely influence the design and operation

of future air conditioning systems.

Other energy efficient features in the home include: double pane insulated glass in the windows; insulation with an R-value of 16.5 for the walls, 30 for the attic; and a roof overhang designed to eliminate or reduce the cooling requirement caused by the sun's solar load on the east and west exposure windows.

Charles Glass, GSU vice-president, Customer Relations, made the welcoming remarks and recognized several of those present, including Askew, the governor's advisory assistant for energy, and Wayne Brown, president of PLAN-ERGY, Inc., responsible for direction management of a consulting firm specializing in government policy analysis and development. After Corgey's presentation, the group took a bus out to the project home.

So if you're in the Lumberton area, you might drop by the home and look it over. After all, who could resist an "icemaker" that big!

NAACP CALLS FOR SUPPORT OF NUCLEAR POWER

In a report widely circulated recently, the National Association for the Advancement of Colored People (NAACP) recommended that the Carter Administration adopt "a more positive attitude" toward development of energy supply sources, particularly, nuclear power.

NAACP called for a national policy that would stress development of supply and creation of new sources of energy, to ensure a continuing expansion of the economy. Among the sources of energy that the report felt were important to the expansion of the economy was nuclear power.

"Despite claims of nuclear power opponents, the fact is that this source will be required to meet our future needs for electricity." The report also called for rapid development of other energy sources such as solar, geothermal, biomass, tidal, oil shale and synthetic fuels from coal.

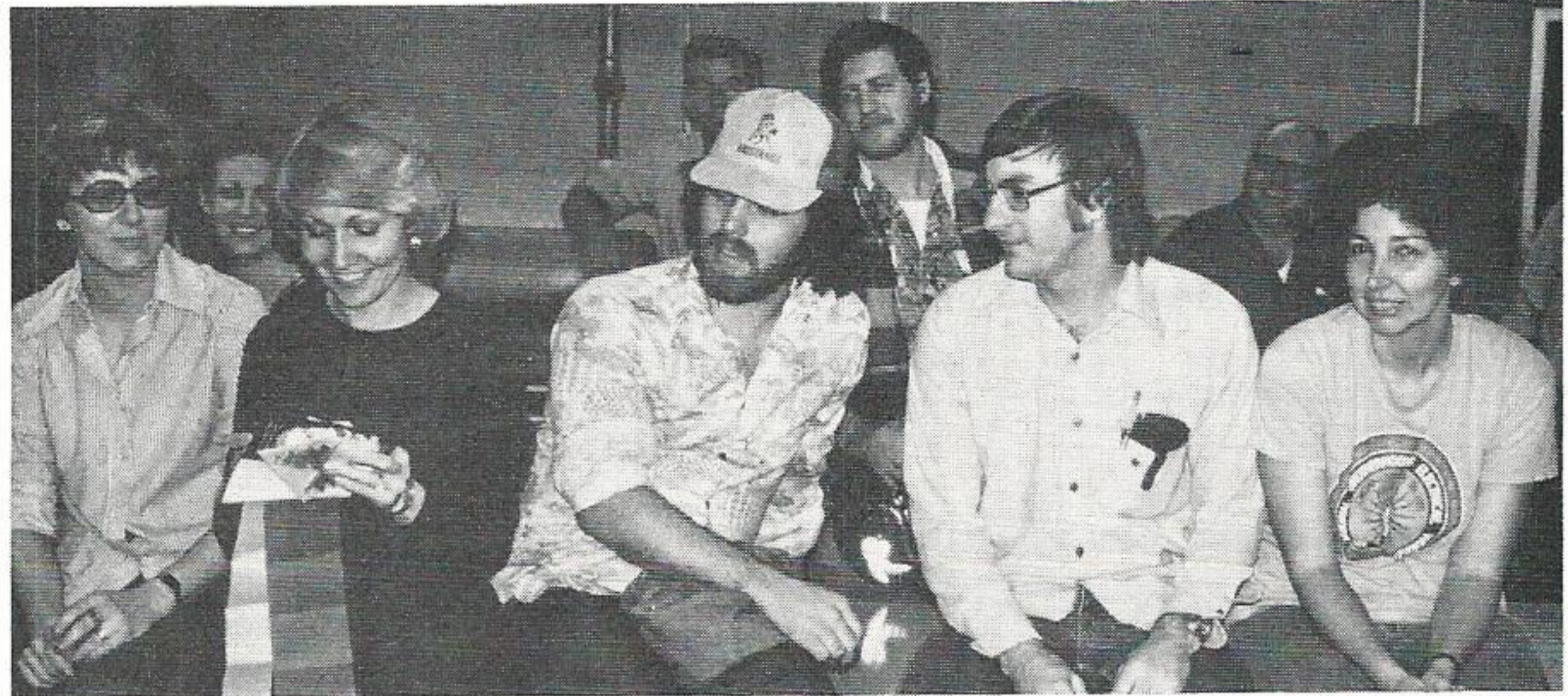
LOC TEST SUCCESSFUL

The first nuclear test to study the effects of the loss of cooling water on nuclear fuel rods was conducted in January in the Power Burst Facility at the Idaho National Engineering laboratory.

This test was designed by the Nuclear Regulatory Commission to study the behavior of nuclear fuel rods under a simulated loss-of-coolant accident (LOCA) in a large reactor.

This was the first in a series of tests scheduled designed to subject the fuel rods to conditions which might exist should such an accident occur. The objectives are to determine how fast the temperature increases in the fuel rods, and to measure the chemical reactions that might occur between uranium dioxide fuel, the zircaloy tubes that enclose the fuel and the steam in the loop.

In this first test, the fuel rods did not fail and no radioactivity was detected.



BRENDA BEAMS—Brenda Benoit, clerk at Sabine Station, received a surprise Christmas gift she'll long remember. Sabine Station employees got together, under project chairman Glen Ray, and came up with a gift that probably went a long way to make Brenda's shopping budget stretch much further than she expected. "We gave her the gift," said one, "because she does such a great job for all of us." Left to right are, Darlene Faires, Brenda, Kirby Reed, Glen Ray and Doris Jimmerson. In background are Jane Akers, Bill Moore, Clark Teague and Raymond Woodard. (Photo by Fred Kressman.)



ONCE A YANKEE—Bill Malec, treasurer of the company, has been with us now over two years, but every now and then is reminded by his staff from whence he came. Just before the Christmas break his people came up with this T-shirt so that the former Clevelander would always remember.

THRIFT PLAN

Purchases of Gulf States Utilities Company stock made by the Trustee during December, 1977 covering employee deductions and Company contributions through November, 1977 were as follows:

| Type of Stock | Number of Shares | Total Cost | Average Cost per share |
|------------------|------------------|------------|------------------------|
| Common | 7,823 | 109,522.00 | 14.00 |
| \$4.40 Preferred | 32 | 1,764.45 | 55.139 |

The Trustee deposited \$102,025.23 with the Savings Department of the First Security National Bank.

COMPUTER SCIENCE POST ESTABLISHED

by Rick Harvin

Contributing Editor

The word "explorer" can bring to mind many people and events — Columbus sailing three small ships toward a new world . . . Lewis and Clark discovering the beautiful American West . . . Neil Armstrong taking a small step and a giant leap as the first man on the moon. But the word also applies to a group of young people who, with the help of GSU personnel, have accomplished a first for this area.

Computer Science Explorer Post #90, chartered November 10, 1977 through the Three Rivers Council - Boy Scouts of America, is the **first** computer science post in the Council, and the first Explorer Post sponsored by Gulf States Utilities' corporate office.

The post was organized by the Company's Information and Data Services Department in conjunction with local adult Explorer professionals, with several objectives in mind. These include: introducing young adults (eligibility in Explorers is 8th graders to those through age 20) to data processing with its organization, functions, and career opportunities; responding to their interests in this field as shown by a survey conducted by the Three Rivers Council and area educational institutions; giving young adults opportunities to meet and work with computer personnel, sharing facilities and knowledge with them; and helping young adults determine if a career in data processing is for them.

Before receiving its actual charter, the Scouts held a "get-acquainted" meeting in October with GSU personnel, interested young people, and their parents attending. Since that time, the Post has grown to 16 members.

At the Post's December meeting, several Information and Data Services' Supervisors gave talks about their jobs and what they look for when interviewing prospective employees in their individual sections of the IDS Depart-

ment. Post Members were also given a tour of GSU's computer facilities and learned how the equipment is used in GSU's operations from Post Advisor, Joe Hopkins.

Other GSU people involved with the Post are Lew Stahler, Institutional Representative; Glen Davis, Juanita Jeffcoat, and Stahler, Post Committee; and Bob Dowies, Bill Gregory, Randy Harless, and Don Reed, Assistant Post Advisors.

Officers for the Post are Arwonder Gilford, President; Karen Watkins, First Vice-President; Susan Wolcott, Second Vice-President, Kathy Gaglianella, Secretary-Treasurer; and Adrian Johnson, Public Relations.

Anyone in the eligible age group who is interested in joining the Post is welcome. For information, contact Lew Stahler at extension 513 or Joe Hopkins at extension 214.

They may tell you about a lot of things, including the part of the Explorer code that says: "I will acquire the Exploring attitude that seeks the truth in all things and adventure on the frontiers of our changing world."

It seems the members of GSU Explorer Computer Science Post #90 are discovering that ideal firsthand—just as some people named Columbus, Lewis, Clark, and Armstrong did before them.



FIRST HAND LOOK—Joe Hopkins introduces members of the Explorer Post #90 to the world of computer science in the main office in Beaumont. Listening attentively are, left to right, Colleen McDaniel, Karen Azore and Adrian Johnson.

Severe cold weather this January strained electric supplies in the mid-western part of the nation, causing some utilities to institute voltage reductions. Hardest hit were coal-burning companies as a sudden, unexpected drop in temperatures following heavy rains caused coal piles to freeze into solid, rock-like masses.

The situation was typified by the American Electric Power System which, at one point, lost 38 per cent of its generating capacity — some 6,700 mw. Utilities in the Midwest called on power from outside the region to make up for the lost capacity and soaring demand.

Although the cold weather was pushing demand for power to record levels in much of the East, utilities in the northeastern, mid-Atlantic, southeastern and other parts of the midwestern region had sufficient capacity to help out because of reliance on significant amounts of nuclear power.

FIRST WOMAN DEACON →

Judy Moses, coordinator-Industrial Services in Beaumont, became the first woman to become an ordained deacon at a Baptist Church in Beaumont. The Calder Baptist Church elected Moses, along with 11 men to fill the church's board.

"I am very honored, of course," said Moses, "and pleased that the whole affair was handled as nothing out of the ordinary. There was no distinction made because I am a woman."

Moses has been affiliated with the Calder Baptist Church for almost 20 years, and has long been active in the church's affairs.

"I think it's something of a compliment that this congregation would look at a person as a person rather than as a man or woman. I consider this honor as an affirmation for service already rendered and a new avenue for continued service."

VOLTAGE REDUCTIONS ← IN EAST



JOINT ADVISORY BOARD—The first meeting of the joint Louisiana-Texas Energy Information Centers Advisory Board was held recently in Lafayette. Effectiveness of the Energy Information Centers was discussed and evaluated, along with new ideas and suggestions. On hand for this first meeting were, seated left to right, R. T. Sutton, Louisiana Department of Conservation; Calvin J. Hebert, GSU; Victor R. Norvell, GSU; James J. Cochran, Architecture Six; William G. Hollins, GSU. Standing, left to right, James A. Richardson, GSU; Michael B. Bibby, GSU; Raymond Reed, Co-Chairman, Texas A&M; Ralph B. Spafford, Chairman, GSU; Howard G. Nichols, Sr., The Nichols Company; T. C. Landrum, Louisiana Department of Natural Resources; William F. Nelson, The White Budd Van Ness Partnership; Steve A. Kamiersky, K&C, Inc.; Wilber Andrews, Sparkey Myers Homes Inc.

the eternal magic of the clown



GOOD TIMES—Clowns, presents, candy and all that portends the Christmas season were present throughout the system as children gathered for the annual parties. This clown was part of the party held in the main office in Beaumont. Bill Gill, Richard Doornbos inspired much laughter as the clowns and their tricks with balloons. Attendance was described as the "best ever."

Live Wires Club Sets Two Events; Golf and Fishing

Live Wires Club has scheduled two popular events for April, a golf tournament and the annual fishing tournament.

The 16th annual Live Wires Club Member-Guest Golf Tournament will be held at the Chambers County Country Club near Anahuac on April 1. Entry blanks have been sent to Live Wires members and former participants of the tournament. If you would like to play and have not received an entry blank, contact Joe Russian (662) or Paul Grimes (666) at the main office in Beaumont.

The tournament is a handicap affair, open to male and female golfers. March 4th, is the deadline for entry.

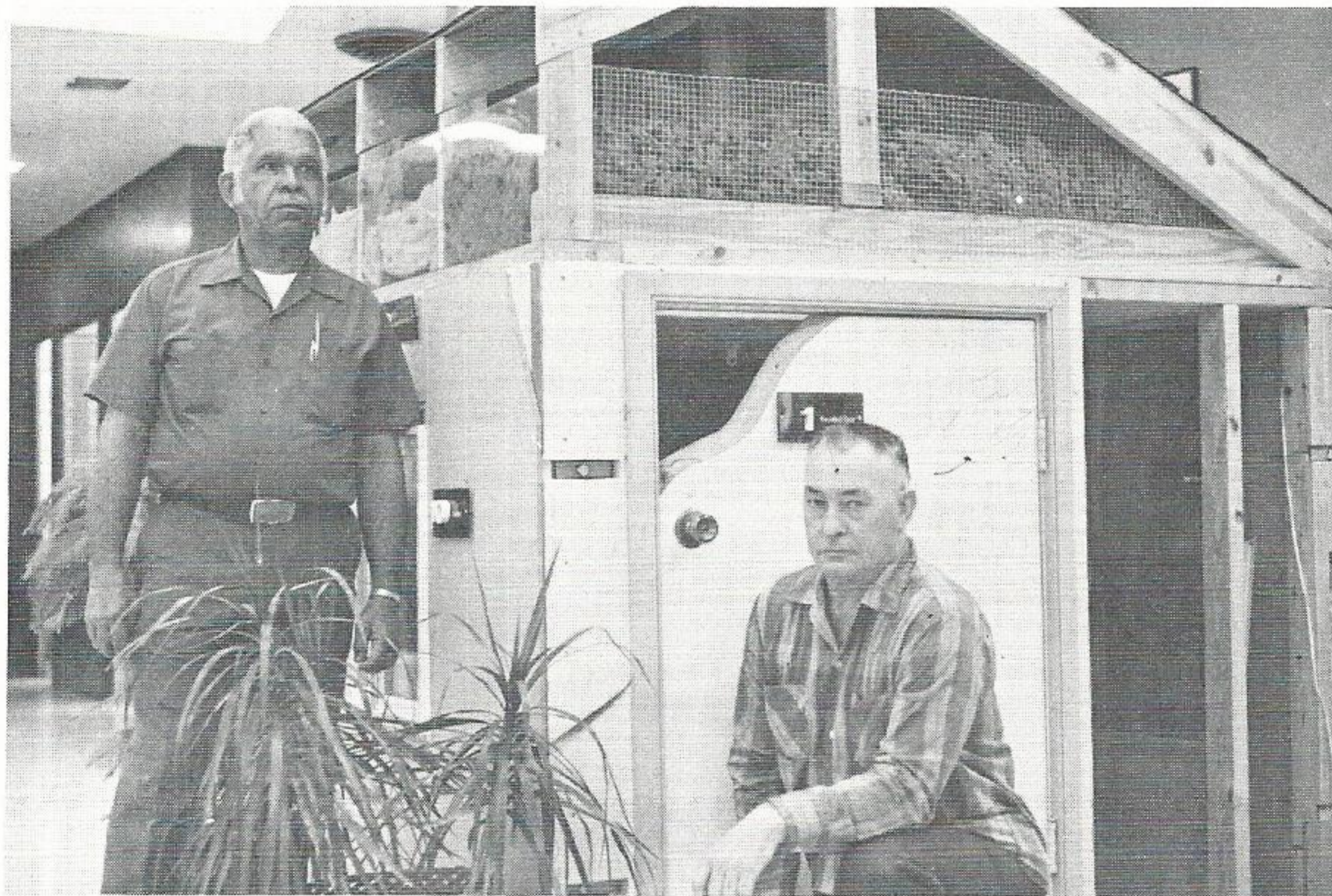
The fourth annual Live Wires Club Bass Tournament has been tentatively scheduled for April 15, at Scott's Marina on Toledo Bend Reservoir. Gary Kramer (559) or Wes Smith (3178) at the main office in Beaumont are handling the details and can answer any questions.

There are a limited number of one, two and three bedroom trailers available at Scott's Marina for rent, and Kramer advises all who wish to secure accommodations had better do so fast. Reservations can be made by calling (713) 579-3393. The bass tournament is open to non-member employees. Those not employed by GSU may fish in the tournament by invitation only.

More details will be forthcoming shortly.



It took some doing, but even a little snow is better than none when you're trying to build a snowman. This little fella was created by the New Caney office. Light snow fell over much of the GSU system, but thankfully not enough to cause any great damage or lengthy outages.



A FINE JOB—Lemorie Slocum and Shirley Robinson (kneeling) pose before one of the four Energy Information Center displays they constructed for use in the Lake Charles Division. The models, which detail insulation, weather stripping and other energy saving techniques, have proved tremendously successful and have been viewed by many thousands of people in southwest Louisiana. The men so constructed the displays, that they can be dismantled into five pieces and moved throughout the area for display purposes.

New Office for Navasota

NAVASOTA'S NEW LOOK—Charlie Jones and his staff in the Navasota District are busy making themselves comfortable in new offices at 514 N. LaSalle. Grand opening ceremonies were scheduled for early February. Jones described the new office as containing about 1500 square feet. "We have three individual offices, a sales floor and business area, and a large meter and service department area in the rear." The GSU office is one of three businesses located in the new building. "Things are much better now," said Jones, "We have a better location, drive-in window service, and best of all, it doesn't leak when it rains."



Management personnel in all divisions attended sessions in January to hear an overview of GSU in 1977 and what lies ahead for 1978. Meetings were held in Beaumont, Lake Charles and Baton Rouge. A detailed story of what was said, and what is planned, will be coming in the March issue of PLAIN TALKS.

CONTACT: Questions & Answers

Q. Is the Blue Hills plant being built on or near the Balconnes Fault?

A. No. The nearest fault zone is the Fisher Fault Zone which is about 10 miles northwest of the site at its nearest point. This fault system has been identified as having very little potential for generating significant ground motion at the site relative to the Safe Shutdown Earthquake design basis. The Balconnes Fault and Escarpment extends eastward from a point on the Rio Grande near Del Rio to the northwestern part of Bexar County where it turns northeastward and extends through Comal, Hays, and Travis counties, intersecting the Colorado River immediately above Austin. North of Travis County, this fault is subterranean and less distinct. At its closest proximity, this fault is about 200 miles from the Blue Hills site in Newton County, Texas.

Q. What would be the basic requirements of a present employee who would like to work in a Nuclear Plant? Would he have to have a college degree?

A. Basic requirements to work in a nuclear plant are essentially the same as those in a fossil unit. A present employee or a new employee must receive specialized training to successfully perform his job in a nuclear power plant. The necessary training will be given to all persons assigned to our nuclear plant.

There will certainly be many jobs at River Bend that will not require a college degree. There are a few jobs that will require a degree but these basically are the same jobs that are filled by degreed people at our fossil units.

Q. Is the company going to offer any training programs to present employees, so that they could fulfill the requirements of working at River Bend power plant?

A. Present employees selected to work at River Bend will be given training necessary to perform these jobs at River Bend. Employees having par-

ticular skills at our fossil units will find those skills will be the basis of their work at River Bend. Their training will be to improve those skills and to educate them in the differences that occur as a result of working in a nuclear plant.

Q. How many miles per hour does the turbine turn for a nuclear power plant? (Not RPM's)

A. When producing electrical power the River Bend turbines will turn at a constant 1800 RPM. This speed in miles per hour depends upon the distance that a particular point of the rotating part is away from its axis of rotation. The tips of the longest blades in the low pressure section travel at about 900 miles per hour.

Q. Concerning the gas field (near New Roads, La.) by our River Bend nuclear site—do we have mineral rights at River Bend? Why don't we drill for gas in Louisiana instead of Alabama?

A. Yes, GSU has mineral rights at River Bend. However, because of environmental concern, it is unlikely that any oil and gas exploration will take place on this site. We have a substantial lease position on gas in Mississippi and Alabama. To properly explore and develop (drill) this lease holding will require a considerable amount of cash. We simply do not have the cash to enter into a drilling program in Louisiana at this time. Source: E. G. Hodges, Varibus

Q. Why does the plant plan to operate at only 75% efficiency or capacity? (River Bend #1)

A. River Bend's preliminary design basis established that the plant operate at a 75% Capacity Factor (C.F.) during a portion of the plant life. This does not mean that the plant will not operate at full power.

Capacity factor is the ratio of power actually produced within a given period of time to that which the unit could produce in the same

given period of time operating at 100% power level.

The system power requirements, the age of the unit, and the fact that the reactor must be shut down for refueling and required inspections establish the C.F. for a particular plant. As more and more BWR operating experience has been obtained, we have seen the capacity factors for operating plants increase. Therefore, we might expect to see higher C.F. numbers for River Bend in the future, provided that such a plan can fit into the overall system needs.

Q. What is the reason for the size and shape of the fuel pellets? Why not make them the same size and shape as the fuel cladding tubes?

A. The basic reason for the size and shape of fuel pellets result from manufacturing and handling considerations. While nuclear fuel could be of several "sizes" and "shapes", manufacturing a 12-foot rod of uranium dioxide slightly smaller in diameter than the cladding is more difficult than making them as pellets. Also, since UO₂ is a ceramic-type material and brittle, there would be difficult to keep from breaking such long rods when loading into the cladding.

Q. Will the construction of River Bend be counted as new construction for the purpose of TRASOP?

A. The construction which counts toward investment tax credit is determined by the Federal government. The investment tax credit determines the money which goes into TRASOP. Not all of the River Bend construction will count toward the TRASOP, but much of it will.

Q. Which plant started being built first, Blue Hills or River Bend?

A. River Bend. First unit at Blue Hills is now planned to begin operating around 1990.

Deaths

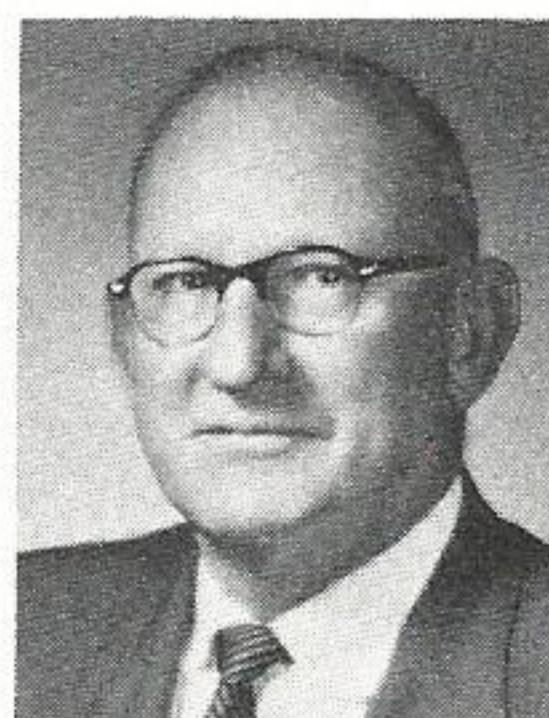
Q. At what efficiency are nuclear plants operating? We understand that some operate at only about 10% of their rated capacity.

A. Efficiency and "rated capacity" (better known as capacity factor or plant factor) are two different quantities. Efficiency is the measure of the useful energy produced by the system (electrical output of the power plant) as compared to the amount of energy supplied to it (the energy content of the fuel). Fossil units operate with a 34-35% thermal efficiency and nuclear units have about a 32-33% efficiency.

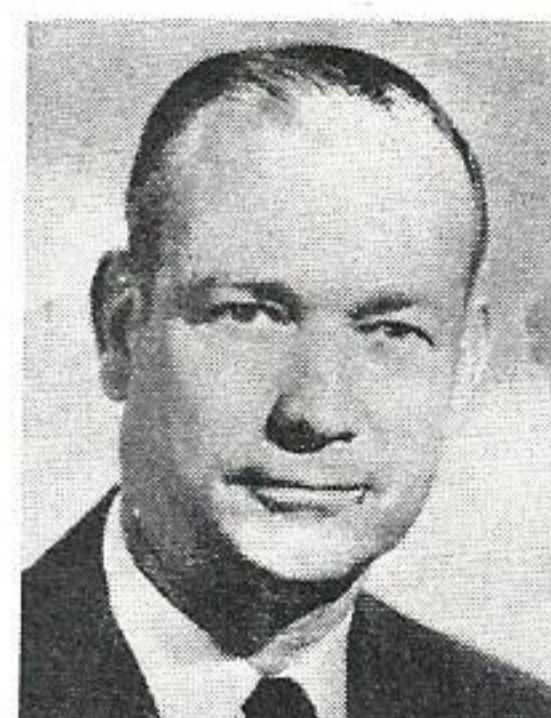
Capacity factor is the ratio of the actual energy produced in a given amount of time to that which could have been produced in the same amount of time if the unit had operated at full power. Thus, if a nuclear unit operates for 11 months at full power and shuts down for 1 month for refueling, its capacity for that year would have been 91.7%. Plants which are shut down for refueling, maintenance and inspection, modifications, or repairs during the particular time period of interest could have low capacity factors. Others are licensed only for partial power production; however, only 3 out of 64 operating reactors had power restrictions during November, 1977, and one of these, Yankee Rowe, had its restrictions removed on November 29. Humbolt Bay-3 had a zero capacity factor for 1977 as it was down for modifications and Fort St. Vrain had a 9.9% C.F. for 1977 as it is going through its power testing stage. It should be noted that use of capacity factor numbers can be misleading without additional information identifying the operating conditions.

Q. Is Blue Hills being converted to coal?

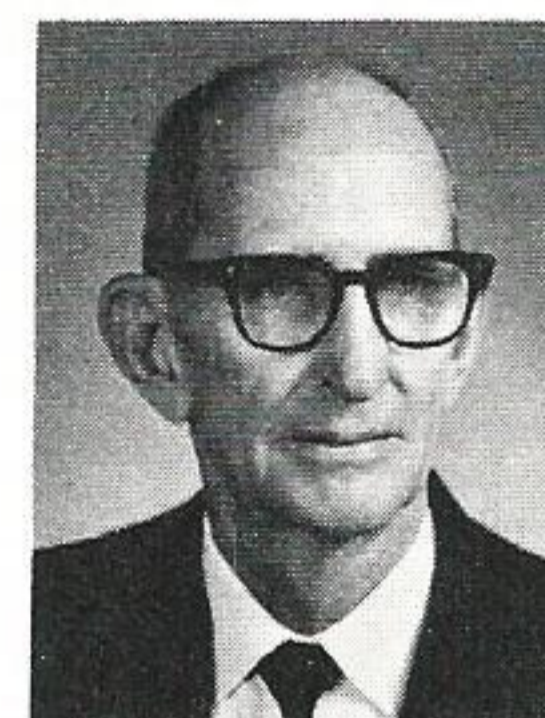
A. No. But should the national energy situation change drastically, coal units could be built at some nuclear plant sites.



DeCuir



Raborn



Oglesbee

Glover B. Oglesbee, retired general line foreman in Beaumont T&D, died New Year's Day.

Oglesbee, a life long resident of Beaumont, had retired in 1969 after 43 years of service. He is survived by his wife, Burney Rowe Oglesbee of Beaumont; two sisters, Mrs. Frank Jones of Port Arthur and Mrs. Gertie Huckabee of Beaumont, and several nieces and nephews.

Dewey Raborn, operation supervisor in Division Production at Louisiana Station, died in December at Lady of the Lake Hospital in Baton Rouge.

Raborn, employed in 1939 as an oiler, held a number of various positions at the veteran power plant. In the early 40s he was fuel operator, operator's helper, auxiliary operator, water plant operator and second fireman before joining the Navy. Reinstated in 1945 he became turbine engineer and progressed through several assignments until being promoted to operating engineer in 1966, and operation supervisor in 1969.

The Baker native is survived by his wife, Myrtle; two daughters, Mrs. Connie Harrison of Baton Rouge and Mrs. Pamela Blanchard of Baker; two sons, Donald Wayne of Houston and Dewey James of Baker; five brothers, one sister; 16 grandchildren and one great-grandchild.

Charles G. DeCuir, retired supervisor of Residential Sales in Port Arthur, and father of Charles DeCuir (supervisor-Consumer Services in Conroe), died in December.

DeCuir has spent over 40 years with the company when he retired. He was a native of New Iberia, and was married to the former Ferna McCloy of Fairgroves, Mich. In addition to Charles, the DeCuirs had one other child, Alice.

Jerry Wayne Griffin, a meterman first class with the company in Baton Rouge, died in December in Alexandria.

He was a resident of Denham Springs, and a native of New Orleans. He was also a Vietnam veteran having served in the Navy.

He is survived by his wife, Deloris Sumrall Griffin of Denham Springs, and a son, Trey, and a daughter, Tonia. Also surviving are his parents, Mr. and Mrs. Hollis Griffin of Baker; two sisters, Mrs. Janet Hutton of Shreveport and Loren Griffin; and one brother, Don Griffin of Baker.

Griffin was 33 years old.

PEOPLE ON THE MOVE

Kenneth W. Richardson, nuclear technical advisor, has been promoted to manager-River Bend Project by L. L. Humphreys, senior vice president-Energy Development.

Richardson is a 1977 employee of the company. He is a 1964 graduate of Virginia Polytechnic Institute with an A.A.S. in mechanical technology. He received a bachelor's degree in physics in 1970 from Emory & Henry College, and in 1971 earned his master's in nuclear engineering from Penn State.

John R. Butts and **Billy R. Locke** have received promotions within the System Production Department.

Butts, former cost analyst has been promoted to supervisor-production accounting, and Locke, former budget analyst in Financial Services, has been transferred to System Production and promoted to cost analyst.

Butts is a native of San Diego, Calif., and a 1970 graduate in management from Stephen F. Austin University in Nacogdoches. He joined the company in 1970 as an administrative accountant, and has held positions in plant accounting, financial and regulatory reports and general accounting.

Butts is married to the former Teddy Tucker of Nacogdoches and the couple has two children, John, Jr., and Robin.

Locke, a native of Port Arthur, is a 1975 employee of the company. Follow-

ing his assignment as administrative accountant, he was promoted to budget analyst in 1976 and transferred to Financial Services. He is a 1974 graduate of Lamar University with a bachelor's degree in accounting.

Locke is married to the former Jocelyn Townley of Groves. He is an active member of the Southwest Football Officials Association and manages youth league baseball.

John H. Broussard, **Henry O. Toups** and **Wilson Cazes** have received new assignments with the T&D Department in Baton Rouge.

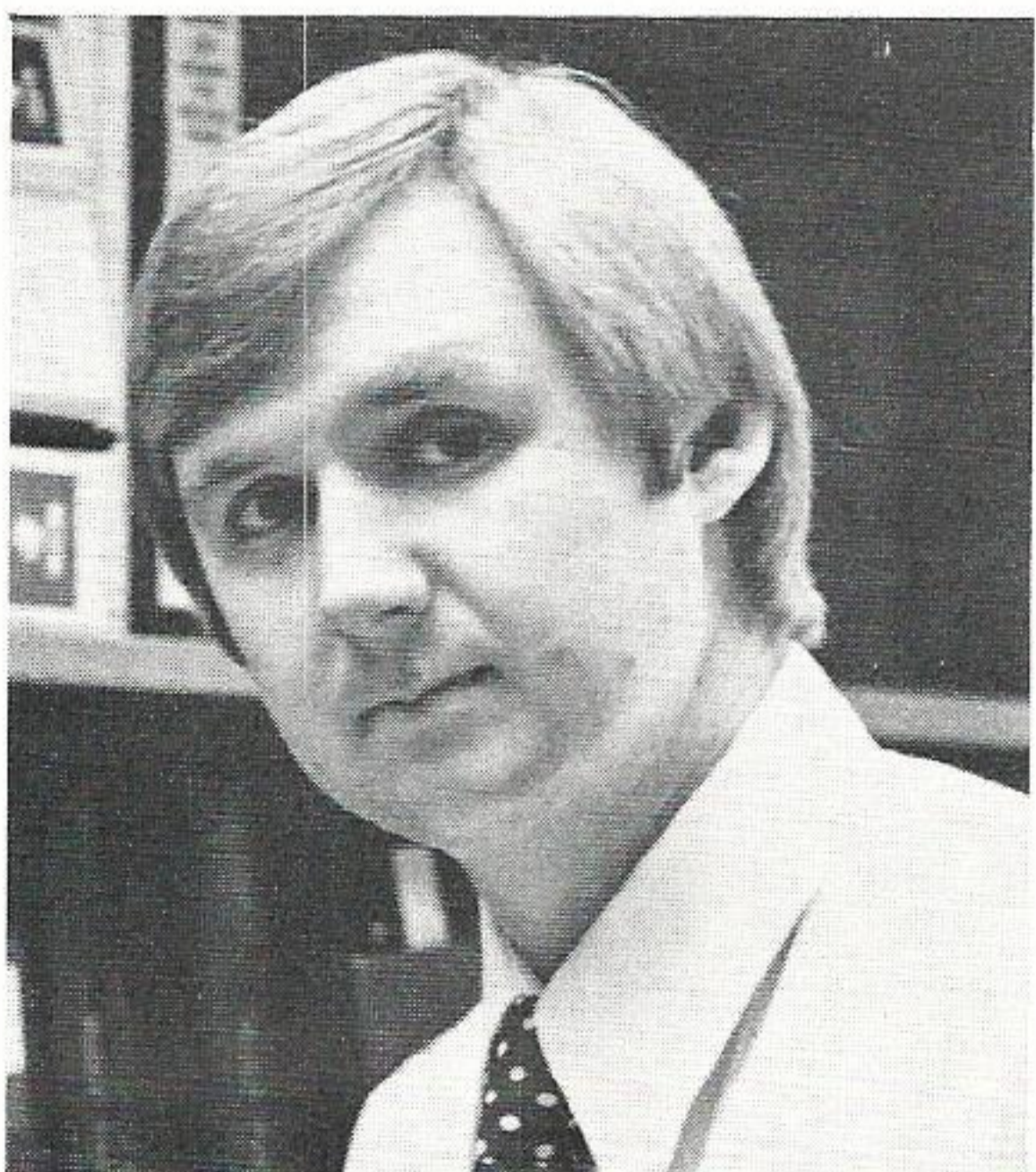
Broussard, lineman first class has been promoted to utility foreman. Toups, relayman first class is promoted to utility foreman in the Substation Department, and Wilson, appliance repair foreman, has been named a section head in the Engineering Department.

Broussard is a 20-year veteran of the company, employed in 1958 as a helper in the Line Department in Baton Rouge. He progressed through various classifications and was named lineman first class in 1969. In 1972 he transferred to the Service Department and was named serviceman first class. He was transferred back to the Line Department prior to his promotion to foreman.

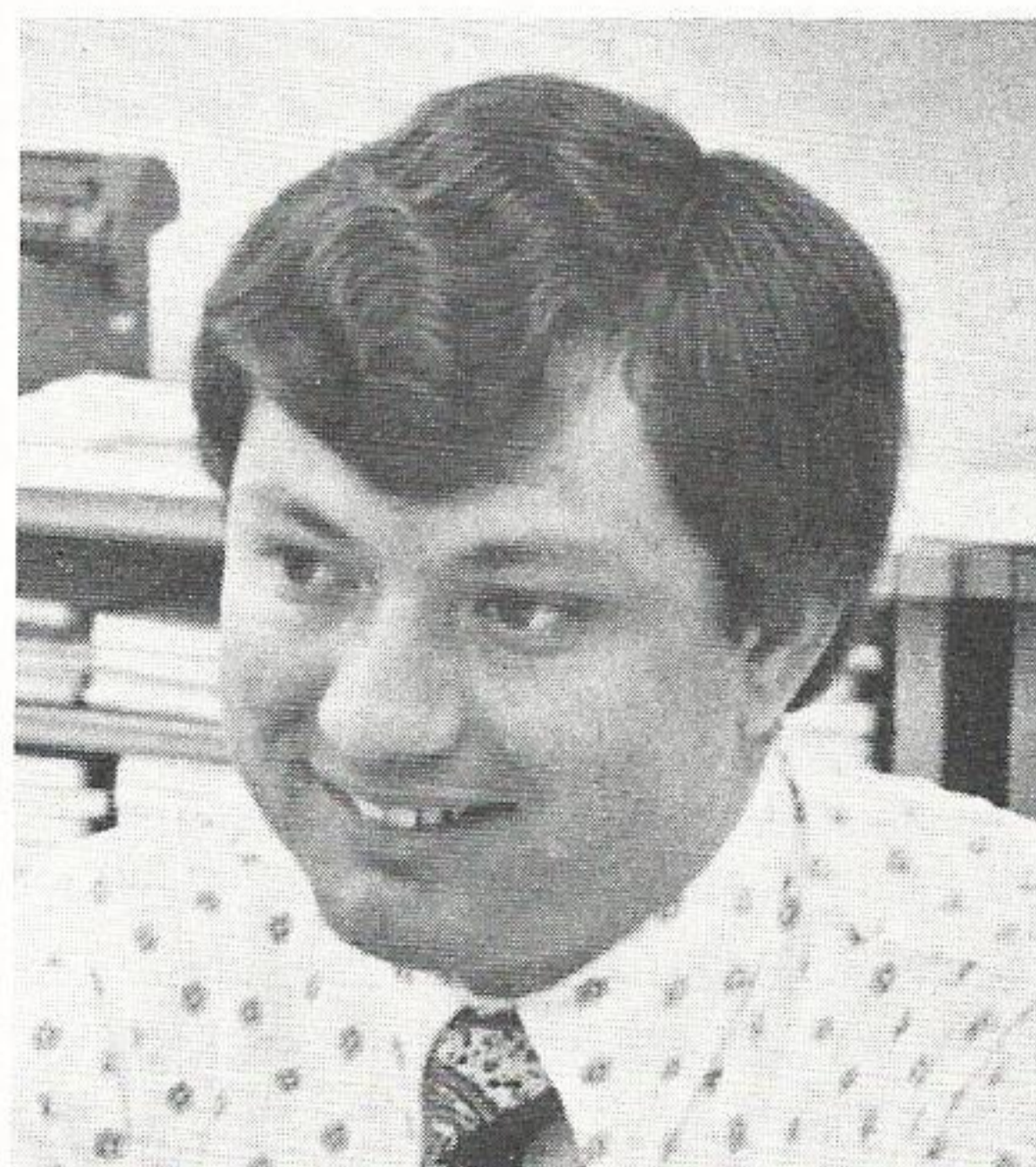
A native of Lottie, Broussard is a veteran of the Army and attended Draughn Business School in Baton Rouge. He is married to the former Ann



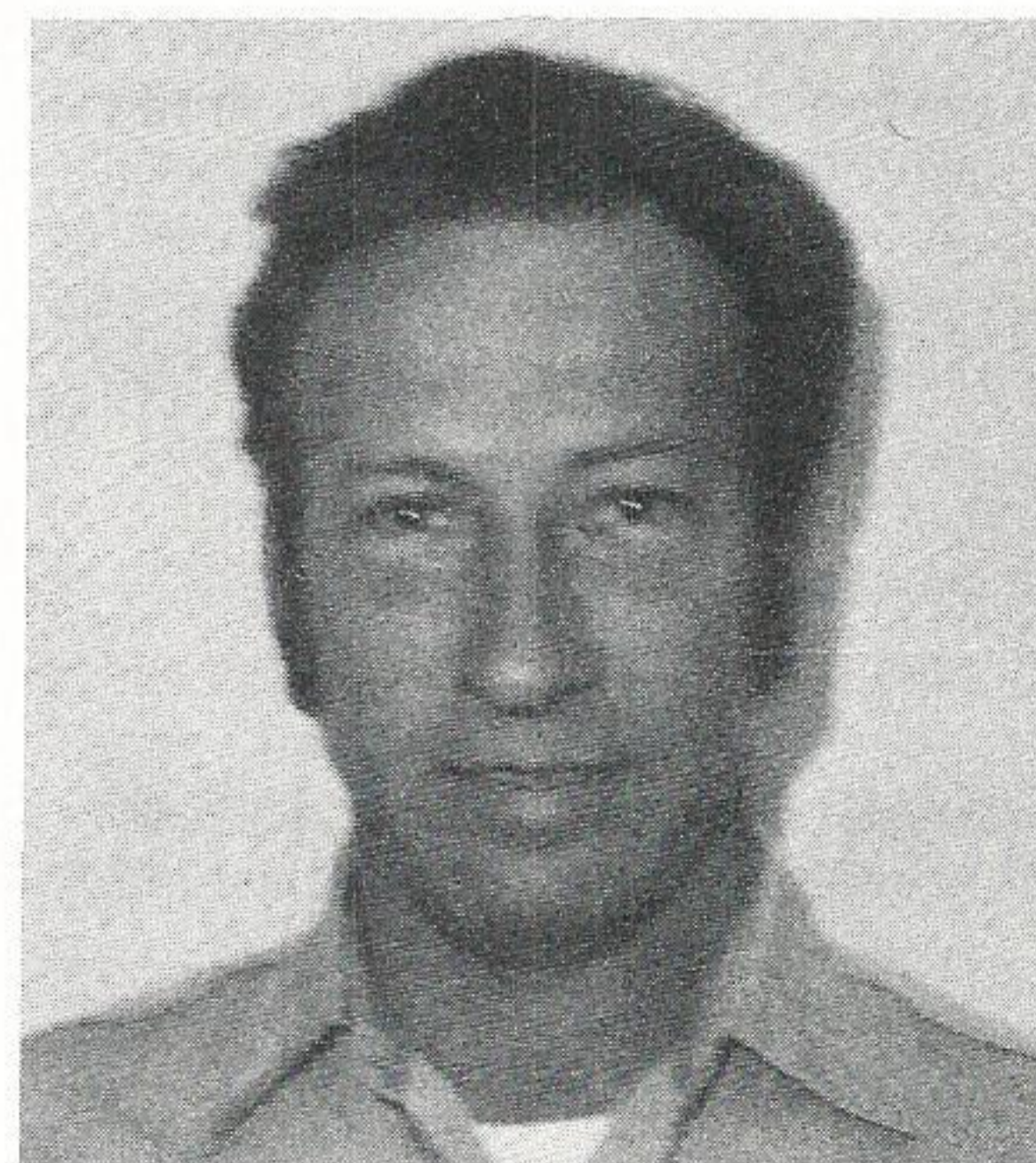
Richardson



Butts



Locke



Broussard

Coulon of Palmetto, and the couple has three daughters, Mrs. James H. Tullier of Baton Rouge, and Rhonda and Daphne. Broussard is a life member of the National Rifle Association.

Toups was employed in 1953 as a shop and field tester in the Meter Department in Baton Rouge. He has progressed through various classifications within the T&D Department in Substation and Relay Departments.

Toups is a Navy Veteran, and a native of New Orleans. He is married to the former Beth Ann Bergeron of Addis, and the couple has seven children, Suzanne, Mary, Julie, Thomas, twin boys David and Donald, and John.

Toups is a member of the Veteran of Foreign Wars, a member of the West Baton Rouge Planning Commission, the Knights of Columbus and other organizations.

Cazes, a native of Mark, has been an employee since 1941 when hired as a utility clerk. He became a customer clerk in 1942, and shortly after joined the Coast Guard where he served for three years. He was reinstated in 1945 as appliance repairman and progressed through various classifications. He was promoted to appliance repair foreman in 1963.

Cazes is married to the former Willie Belle Bergeron of Port Allen, and the couple has two children, Wilson and Patricia. Cazes is a member and past commander of American Legion, and is a past Grand Knight of the Knights of

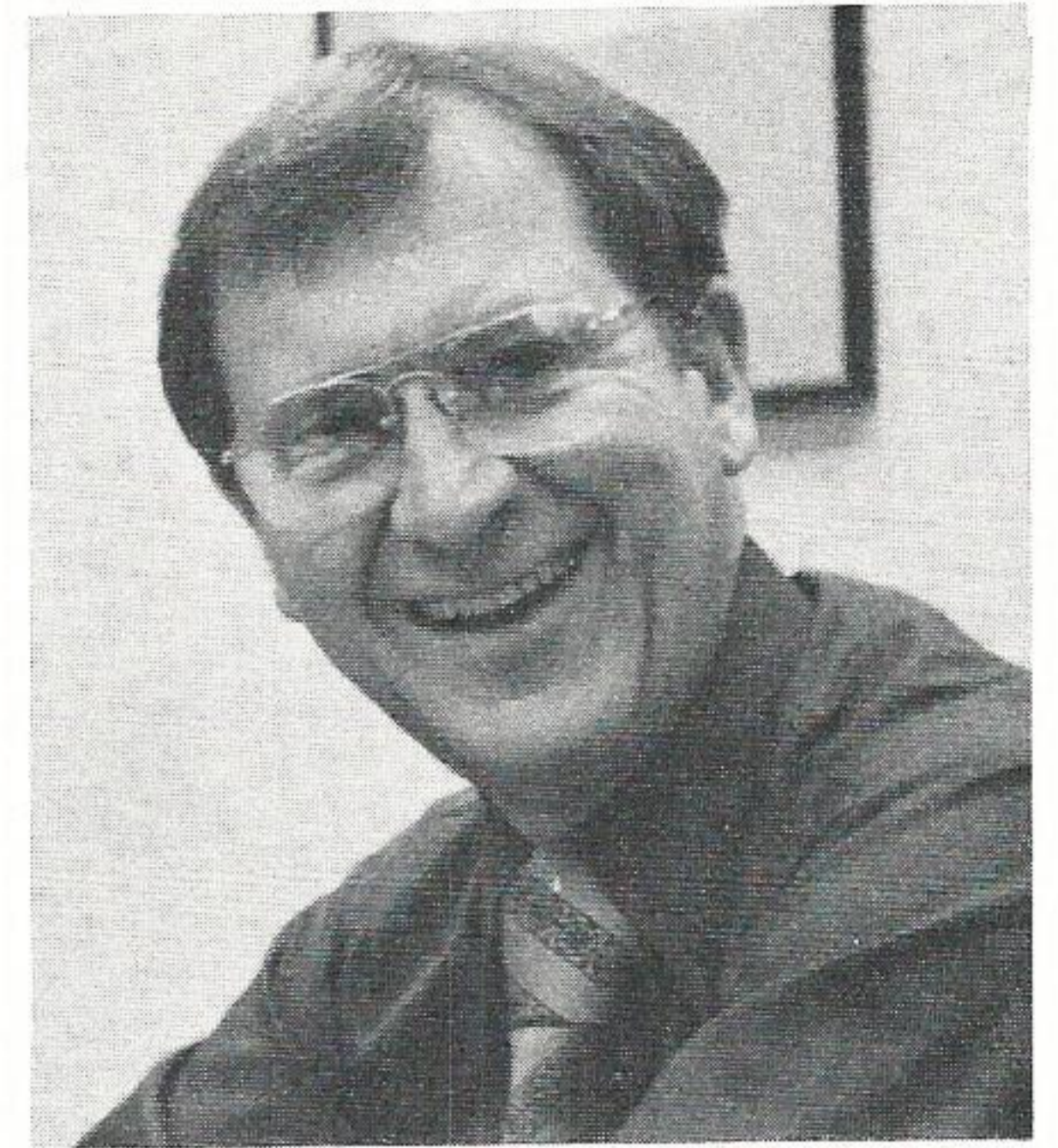
Columbus. He is vice president of the West Baton Rouge Association for Retarded Citizens, and past vice-commander of the Veteran of Foreign Wars post in Port Allen.

Harold W. LaFosse, Roger D. Perry and Philip R. Smith have received promotions within the Budget Section of Financial Services Department.

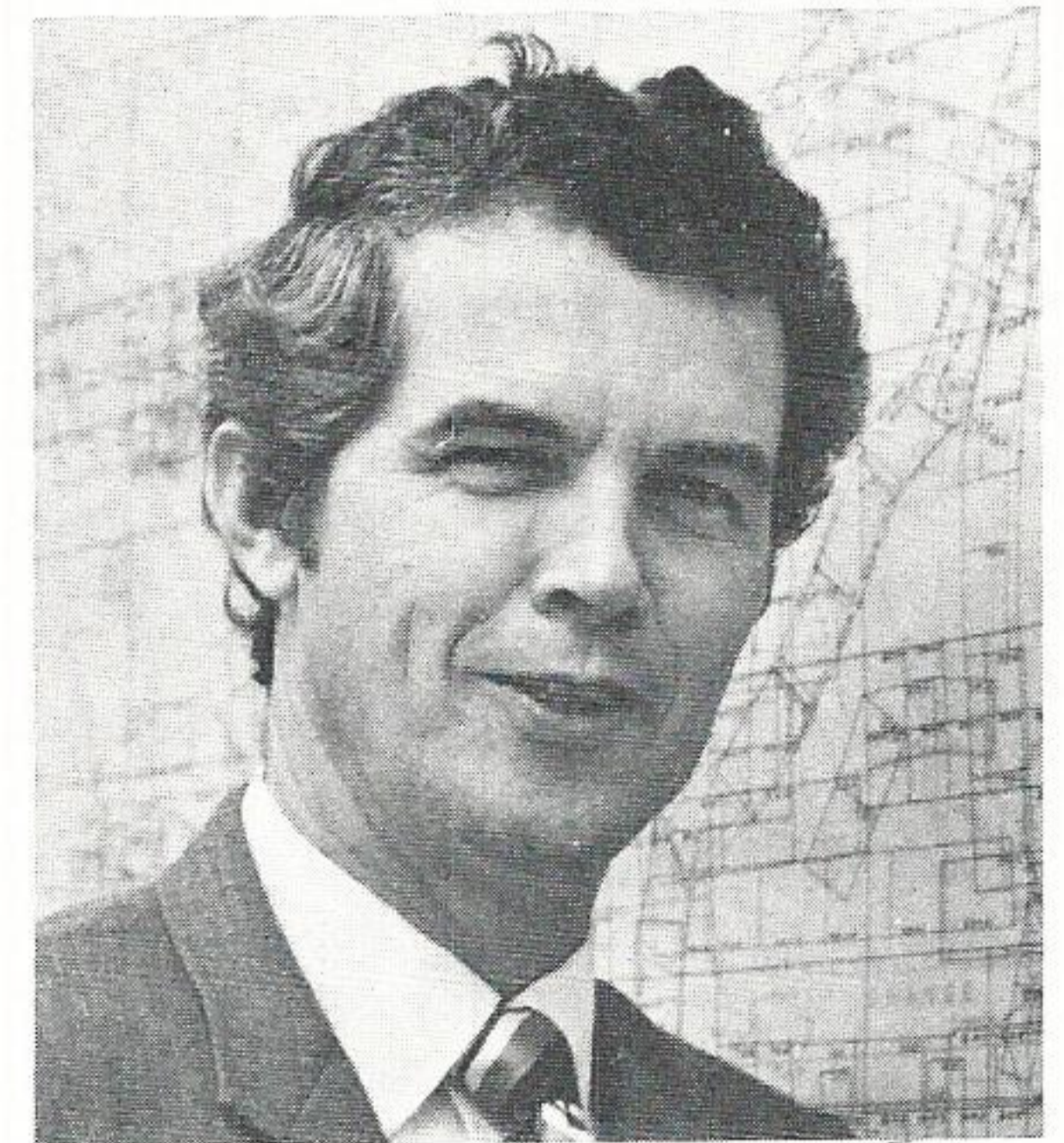
LaFosse, former administrative assistant, has been promoted to budget staff assistant; Perry, former budget analyst, has been upgraded to senior budget analyst; Smith, budget analyst, has been promoted to senior budget analyst.

LaFosse, a native of Beaumont, has been an employee since 1948 when hired as a storeroom clerk. After a two year service break with the U.S. Army 1951-52, LaFosse was reinstated as a senior billing clerk in accounting. He transferred to division accounting in 1954 and was promoted to customer accountant in 1955. He became an accountant-junior in 1957, and accountant in 1961. In 1964 he transferred to the Budget Department and was promoted to administrative assistant.

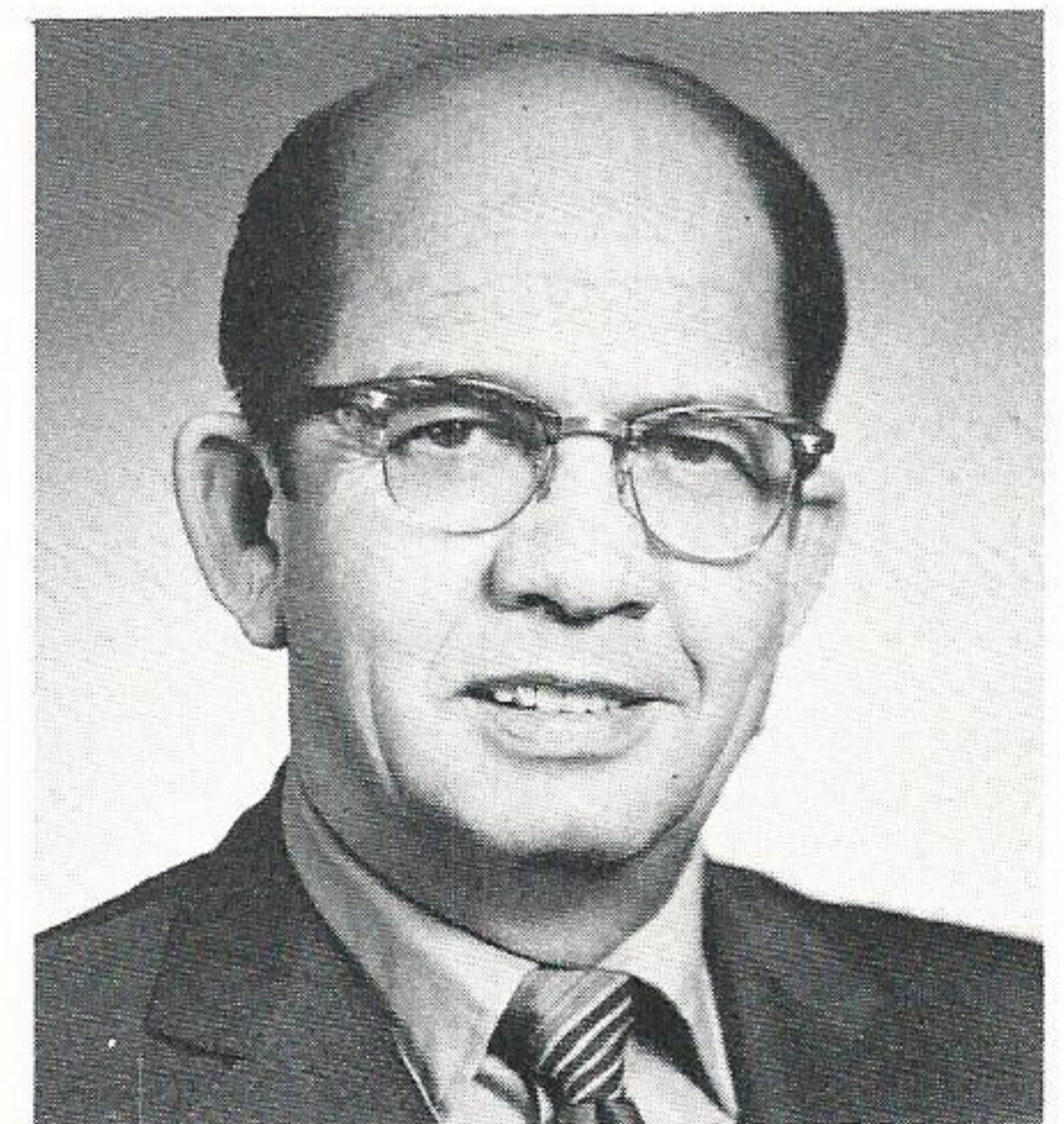
He is married to the former Ida Pearl Jessen of Beaumont, and the couple has five children. Two of them, Edmund and Robert, are professional ballet dancers. Edmund dances with Eliot Feld Ballet Company of New York, while Robert is associated with the American Ballet Theater of New York. Harold,



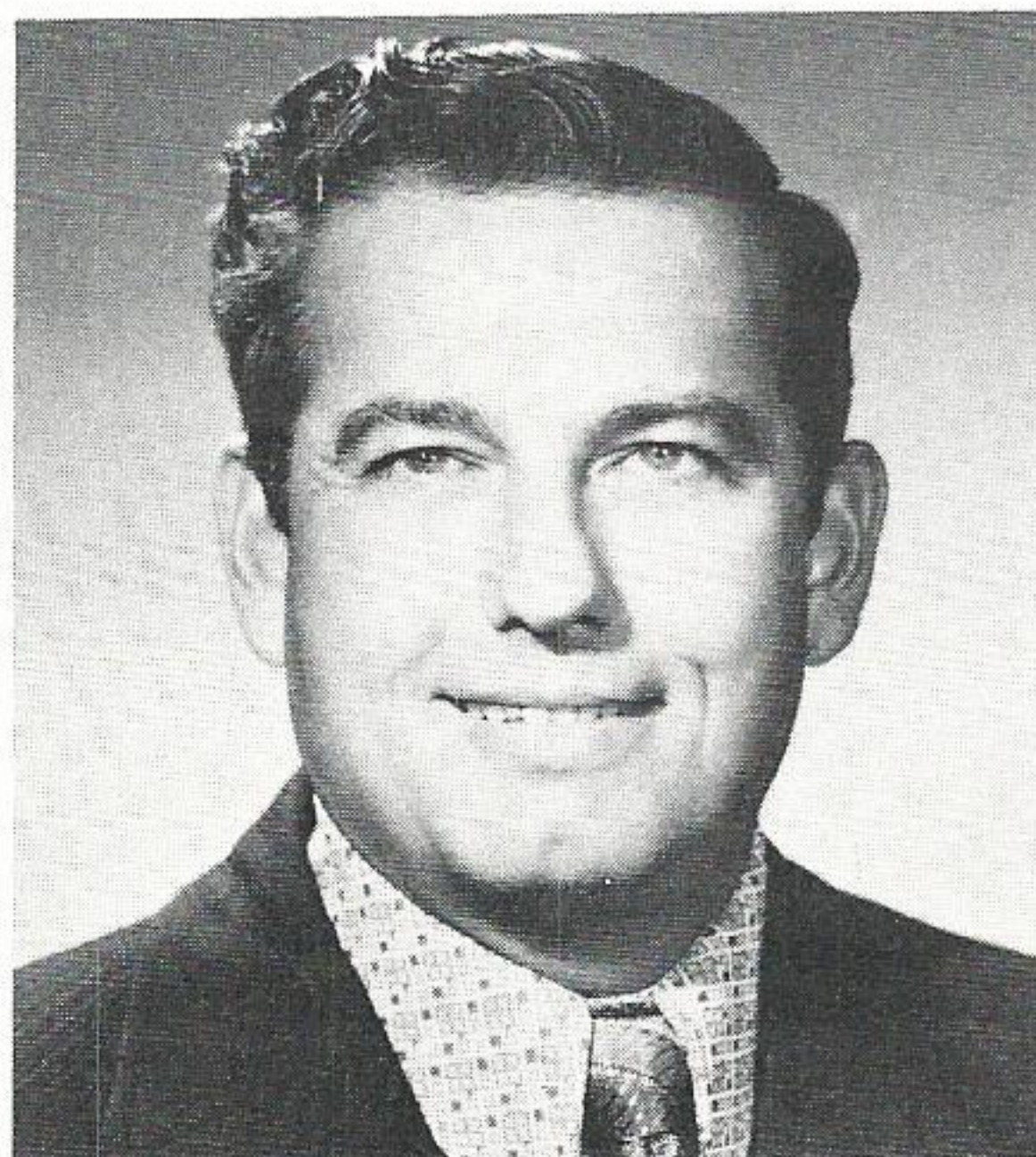
LaFosse



Cornelius



Cazes



Toups



Husband

PEOPLE ON THE MOVE

Jr., is a coach at Sabine Pass High School. The other two children are Theresa Zummo of Dallas, and Lana, a student at Vincent Middle School.

LaFosse is active in the Southwest Baseball Officials Association, the Southwest Football Officials Association, and the Southwest Basketball Officials Association. He is also a member of the Knights of Columbus.

Perry was employed in 1974 as an administrative accountant in System Billing. He transferred to Financial Services in 1974, and in 1976 was promoted to budget analyst.

He is a 1973 graduate of Lamar University with a bachelor's degree in accounting, and is a native of Orange. He is married to the former Romana Dillard of Orange, and is an active member of

the Beaumont Coin Club.

Smith has been an employee since 1975. He is a 1975 graduate of the University of Texas with a bachelor's degree in business.

Smith is a native of Eastland, Tex.

Robert L. Husband, senior financial analyst, Financial Services, has been promoted to supervisor-Cash Management.

Husband is a five year veteran of the company, employed in 1973 as an administrative accountant. He was promoted to financial analyst in 1976, and in 1977 was promoted to senior financial analyst.

A native of Port Arthur, Husband is a veteran of the Army, and a 1972 graduate of Lamar University with a bachelor's degree in marketing.

He is married to the former Patricia Ann Johnson of Beaumont, and the couple has three children, Robert, Randall and Patty. He and his wife are active in the Texas State Foster Parents Association and the Jefferson County Foster Parents Association.

Glynn E. Lang and Stephen R. Moore, systems analysts in EDP Implementation Services, have been promoted to senior systems analysts.

Lang was employed in 1969 as administrative assistant in IDS. He was promoted to systems analyst in 1970. The

Port Arthur native is a veteran of the Air Force, attended Lamar University and the Academy of Computer Technology.

He is married to the former Lucille Rauwerda of Nederland and the couple has one child, Jason Glynn.

Moore is a native of Warsaw, Ind. He was employed in 1977 as a systems programmer.

He and his wife, Lynda, have three children, Michele, Heather and Jennifer.

Melvin M. Feagin, senior engineering assistant in Conroe T&D, has been promoted to section head within the Engineering Department.

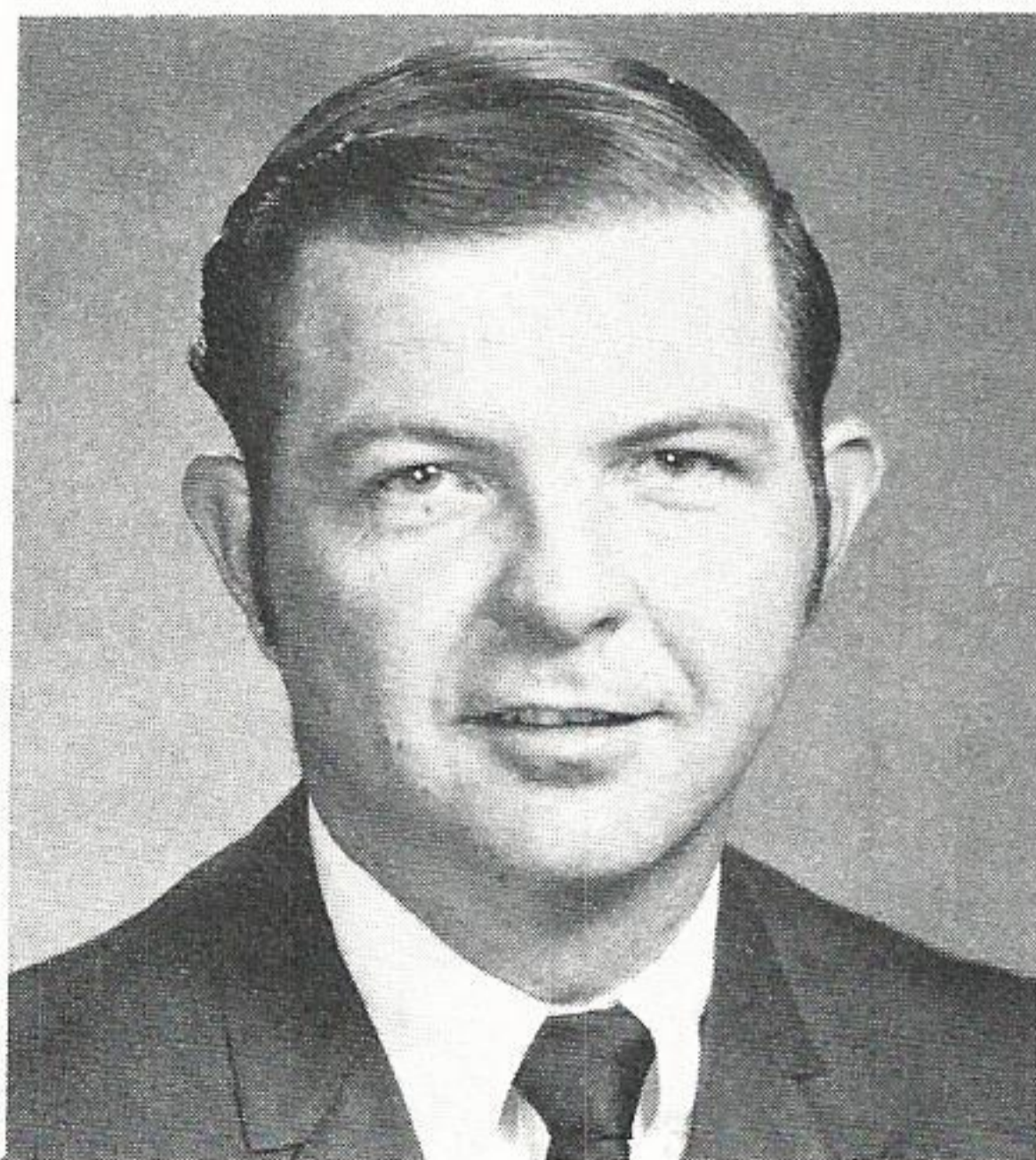
Feagin was employed in 1954 as a helper in the Navasota Line Department. He was promoted to engineering helper in 1954, and to engineering assistant in 1956. In 1966 he was promoted to senior engineering assistant, and in 1971 transferred to Conroe.

Feagin is a native of Waller, Tex.

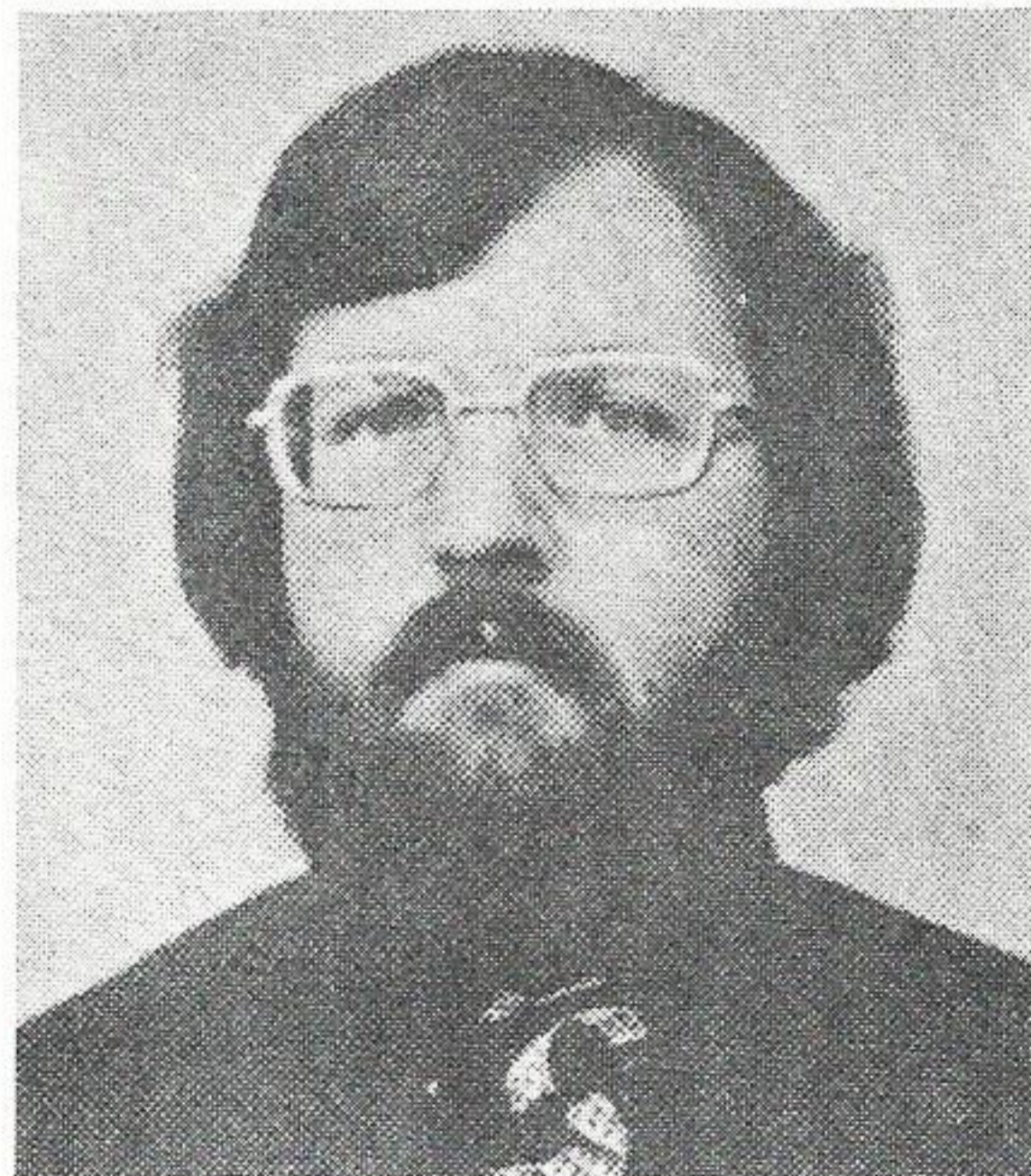
Ronald J. Bordelon and Elvie A. Cowart have received promotions within the Gas Department in Baton Rouge.

Bordelon, former serviceman first class, has been promoted to foreman-Gas Department, and Cowart, former senior engineering assistant, has been promoted to section head.

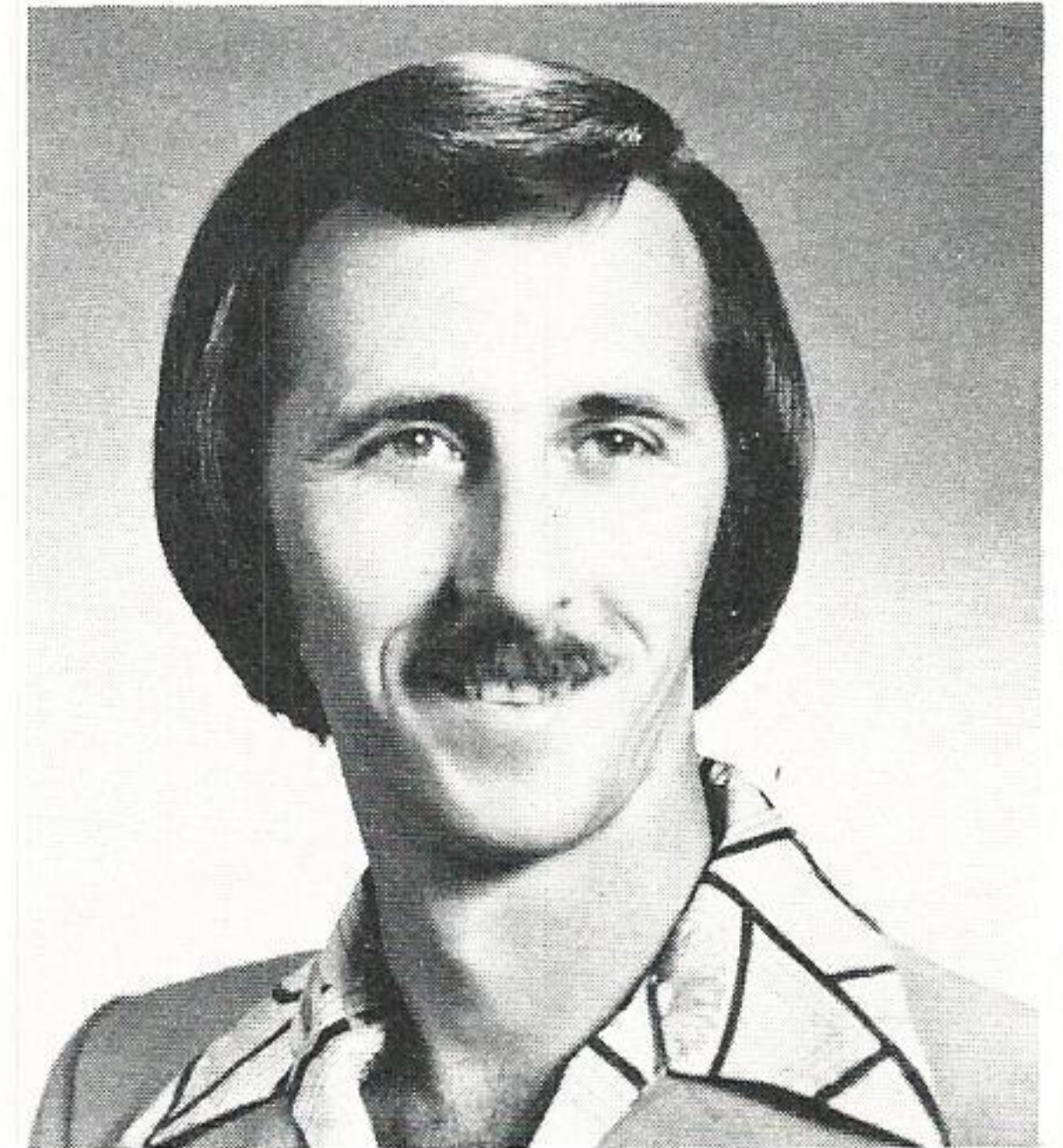
Bordelon has been an employee since 1967 when he joined as a meter reader



Lang



Moore



Bordelon

in the Baton Rouge Gas Department. He was promoted to helper in 1969 and apprentice in 1970. He became a serviceman second class in 1972 and first class in 1974.

A native of Moreauville, La., Bordelon has taken courses at the T.H. Harris Vocational School in Opelousas and the Baton Rouge Vocational School. He is married to the former Brenda Nundberg of Gloster, Miss., and the couple has two children, Janet and Renee.

Cowart, an employee since 1946 has spent his career in the Gas Department. He began as a helper and progressed to engineering helper in 1947 and engineering assistant in 1949. He was named senior engineering assistant in 1952.

Cowart is a veteran of the Army Air Corps during World War II. He is a native of Baton Rouge, and he and his wife have one son, Charles, and two grandchildren, Amber Michelle and Chad.

Cowart is active in the Utility Coordinating Council of Baton Rouge.

Ethel E. Glenn, general clerk in System Billing in Beaumont, has been transferred to Data Systems Operations and promoted to section head.

An employee since 1963, Glenn has progressed from clerk in Accounting Services to billing clerk in 1964, and general clerk in 1967.

She is a native of Hempstead, and a graduate of South Park High School in Beaumont.

Thomas D. Jester, engineer in Port Arthur T&D, has been transferred to Power Plant Construction at Sabine Station.

Jester joined the company in 1970 as an engineer in System Engineering in Beaumont. That same year he took a military leave of absence for a two year stint with the Army. He was reinstated in 1972 as an engineer in the same department. He transferred to T&D Engineering in Lake Charles in late 1972, and in 1973 was transferred to Port Arthur.

Jester is a 1970 graduate of Lamar University with a bachelor's degree in electrical engineering. He is a native of Jennings.

Barbara G. Burris, former stenographer-River Bend Project, has been promoted to stenographer-executive in the same department.

Burris is a 1971 employee of the company. She was hired as a clerk in Division Accounting, and progressed through various classifications to senior stenographer in 1974. In 1977 she was transferred to the River Bend Project.

A native of Port Arthur, Burris is a graduate of Nederland High School, and attended Lamar University.

James R. Cornelius, former system supervisor-Land Rights, has been promoted to director-Real Estate.

Cornelius, a native of Hope, Ark., joined the company in 1951 as a rod and chainman in Beaumont. He was promoted to estimate man, senior engineering assistant and right-of-way man in Beaumont before being named supervisor of survey and right-of-way in Lake Charles in 1966. He was later promoted to system right-of-way supervisor and transferred to Beaumont in 1970.

Cornelius is married to the former Pat Clawson of Beaumont, and the couple has three children, Deborah Sue, Pamala Jean and Karry Lynn.

Edward R. Eichelberger, former process analyst in IDS, has been transferred to the Results Section of System Production and promoted to results coordinator.

An employee since 1948 when hired as station clerk, Eichelberger spent the first 10 years of his career in various assignments at Louisiana Station including departmental clerk, mechanic's helper and test technician. In 1958 he was transferred to IDS and promoted to process analyst in Beaumont.

Eichelberger is a native of Baton Rouge, a veteran of the Army Air Force, and attended Louisiana State University.



Cowart



Burris



Glenn

PEOPLE ON THE MOVE

Robbins Marlene S., Bmt., Promoted.
Tab Mach Oper - IDS/DSO

Daigle Ambrose S., Jr., Bmt., Promoted.
Switchboard Oper - Neches Sta-
Oprns

Johnson Billie J., Bmt., Promoted.
Stores Truckdriver-Div Actg/Stores

Parish Raymond B., Orange, Promoted
Apprentice-T&D/Line

Walters Ronald V., Conroe, Promoted
Helper-T&D/Lab Crws

Rice Billy D., B Rouge, Promoted. Mech
Helper - W/Glen-Mechl

Alonzo Kevin L., B Rouge, Promoted
Repairman 2/C-W/Glen-Mechl

Lee Hardy B Jr., B Rouge, Promoted
Sr Engr Asst - Gas Dept/Dist-Eng

Williams Geralyn E., B Rouge, Promot-
ed Engr Asst - Gas Dept/Dist-Eng

Hima Melanie D., B Rouge, Promoted
Meterman 2/C - Gas Dept/Meter

McGrew James C., B Roiuge, Promoted
Serviceman 1/C-T&D/Service

Marchesseault Jesse L. Jr., D Sprngs
Promoted. Helper-T&D/Lab Crws

Jackson Lawrence R. Gonzales, Pro-
moted. Apprentice-T&D/Line

Pulliam Louis R., Zachary, Promoted
Apprentice-T&D/Line

Tenney John L., L Chas, Promoted.
Apprentice-T&D/Line

Wesley James, L Chas, Promoted. Ar-
prentice-T&D/Line

Slaughter Norlean, L Chas, Promoted
Apprentice-T&D/Line

Brawner Edward T., L Chas, Promoted
Sr Engr Asst - T&D/Engr

Taylor Barry A., L Chas, Promoted
Garage Mech Helper-T&D/Garage

Robicheaux Joseph A., Lafay, Promot-
ed. Helper-T&D/Lab Crws

McGraw Dorothy V., Bmt., Promoted
Key Punch Operator-Sr-IDS/DSO

Segree Ursula M., Bmt., Promoted
General Clerk-Actg SVS/Subsid

Fredieu Gary B., Bmt., Promoted
Garage Mech 2/C-T&D/Garage

Frederick Ivan F., Bmt., Promoted
Apprentice-T&D/Line

Rivera Sylvester D., Bmt., Promoted
Apprentice-T&D/Line

Humphrey William R., Bmt., Promoted
Helper-T&D/Lab Crws

Stevens Shelton W., Bmt., Promoted
Helper-T&D/Lab Crws

Gray Jackie L., Bmt., Promoted
Helper-T&D/Lab Crws

Robinson John K., Bmt., Promoted
Helper-T&D/Lab Crws

Parsons Robert N. Orange, Promoted
Lineman 2/C-T&D/Line

Sparks James T., Pt Arth, Promoted
Repairman 1/C-Sab Sta-Mechl

Boutte Sherman, Pt Arth, Promoted
Lineman 2/C-T&D/Line

Godair David H., Pt Arth, Promoted
Apprentice-T&D/Line

Orta Gustava V., Pt Arth, Promoted
Apprentice-T&D/Line

Neal Barney H., Jr., Conroe, Promoted
Engr Asst - T&D/Engrg

Jenkins Earnest Jr., B Rouge, Promoted
Turbine Water Plant Oper-La Sta-
Operns

Verrette Raymond, B Rouge, Promoted
Mech Helper - La Sta-Mechl

Smith Dan I., B Rouge, Promoted
Mech Helper - La Sta-Mechl

Messina Stephen R., B Rouge, Promot-
ed. Mech Helper - La Sta-Mechl

Rogge Louis C., Jr., B Rouge, Promot-
ed. Mech Helper - La Sta-Mechl

Augustus Wayne L., B Rouge, Promot-
ed. Mech Helper - La Sta-Mechl

Starks Larry C., B Rouge, Promoted
Mech Helper - La Sta-Electl

Borne Robert A., B Rouge, Promoted
Engrg Helper - Gas Dept/Dist-Engrg

Jones Louis W., B Rouge, Promoted
Apprentice-T&D/Line

Luneau Robert C., Jr., B Rouge, Pro-
moted. S/.Sta Mech 2/C-T&D/Substa

White Leonard D., B Rouge, Promoted
Apprentice-T&D/Line

Guttery Frederick D., B Rouge, Pro-
moted. Helper-T&D/Lab Crws

Saucier Michael G., B Rouge, Promoted
Serviceman 1/C-T&D/Service

Brister Joseph A., L Chas., Promoted
Helper-T&D/Lab Crws

Arabie Tommy R., L Chas., Promoted
Helper-T&D/Lab Crws

Johnson Gregory J., L Chas., Promoted
Helper-T&D/Lab Crws

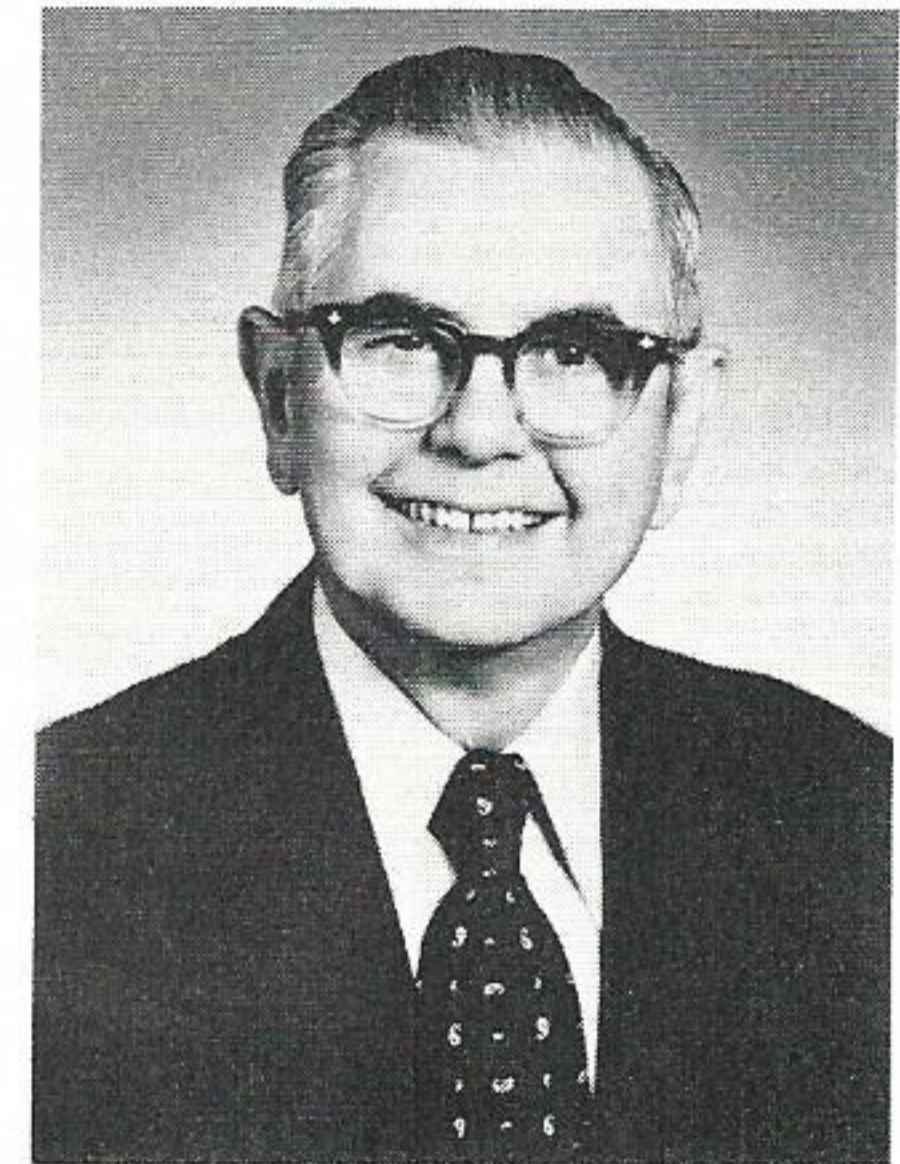
Cormier Michael J., L Chas., Promoted
Helper-T&D/Lab CRws

Corkran Burl A., L Chas., Promoted
Apprentice-T&D/Line

Lee James, Jenngs, Promoted. Garage
Mech Helper - T&D/Garage

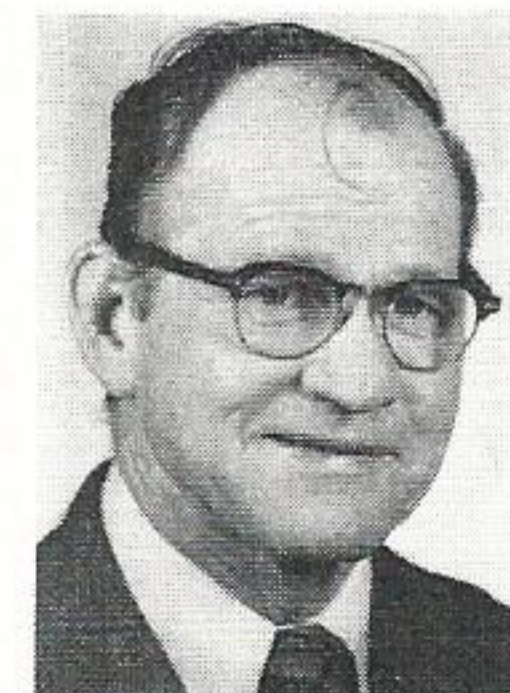
Blackwelder Earl, Sulphur, Promoted
Lineman 1/C - T&D/Line

40 YEARS

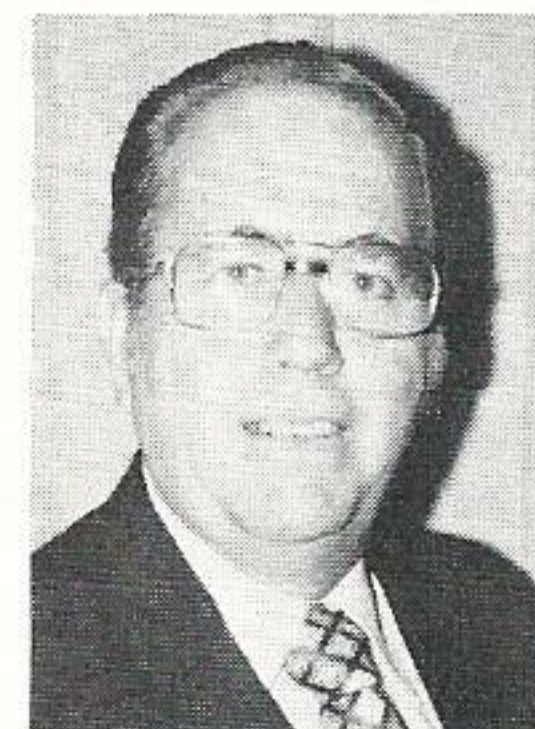


Samuel A. McKenzie
Division Production
Baton Rouge

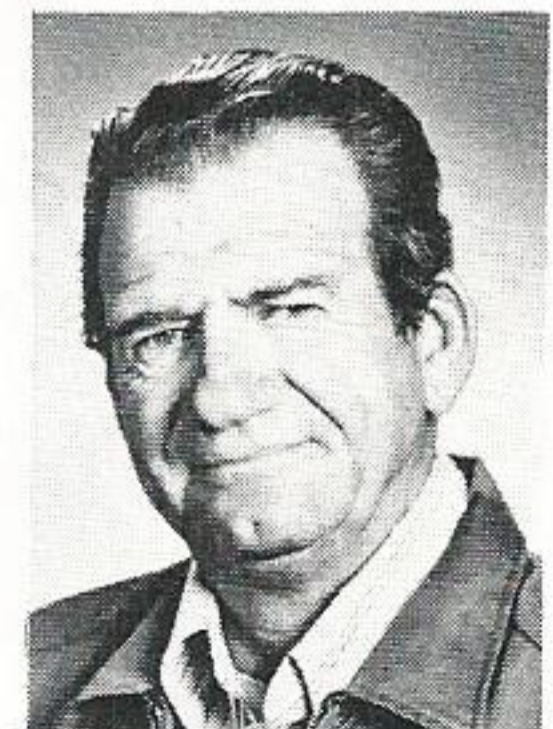
30 YEARS



Robert W. Derby
Electric T&D
Lake Charles



Leo Herrington
System Production
Baton Rouge



Wallace R. Felsenthal
Electric T&D
Baton Rouge

SERVICE AWARDS

20 YEARS



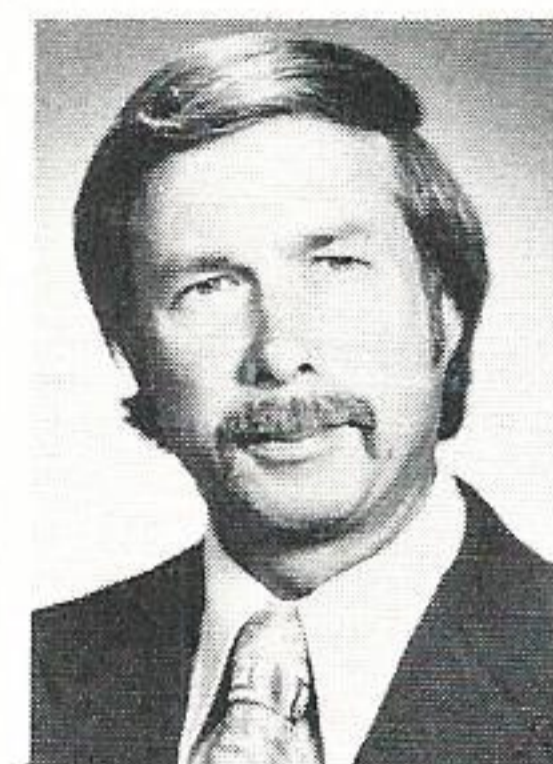
John W. Conley
Electric T&D
Beaumont



Charles L. Dake
Electric T&D
Baton Rouge



Lorene C. Gant
Information and Data
Services
Beaumont



William B. Gully
Electric T&D
Baton Rouge



Aubrey P. Lee
Gas
Baton Rouge



Daniel A. Puckett
Division Marketing
Port Arthur



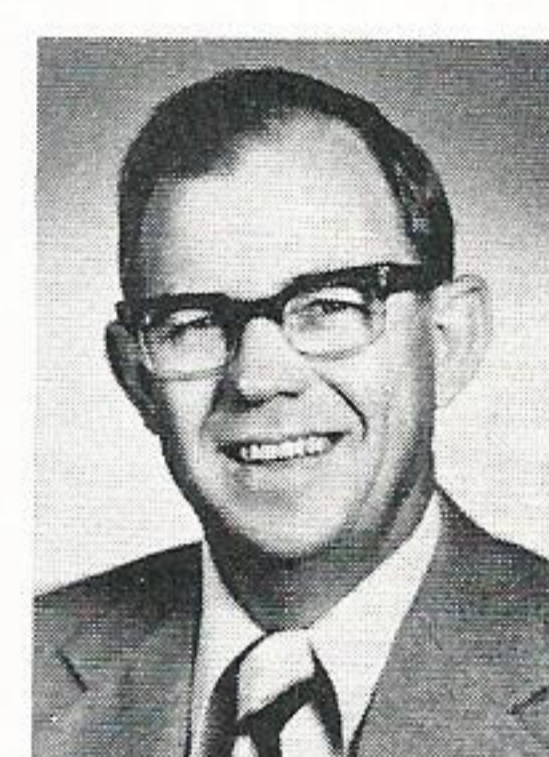
Charles J. Reifsnider
Electric T&D
Lake Charles



Robert A. Sheffield
Division Operations
Silsbee

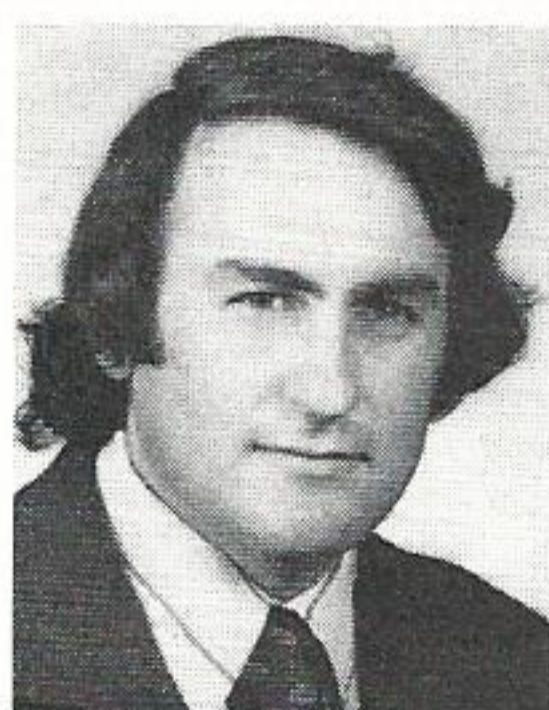


John O. Stewart
Electric T&D
Baton Rouge

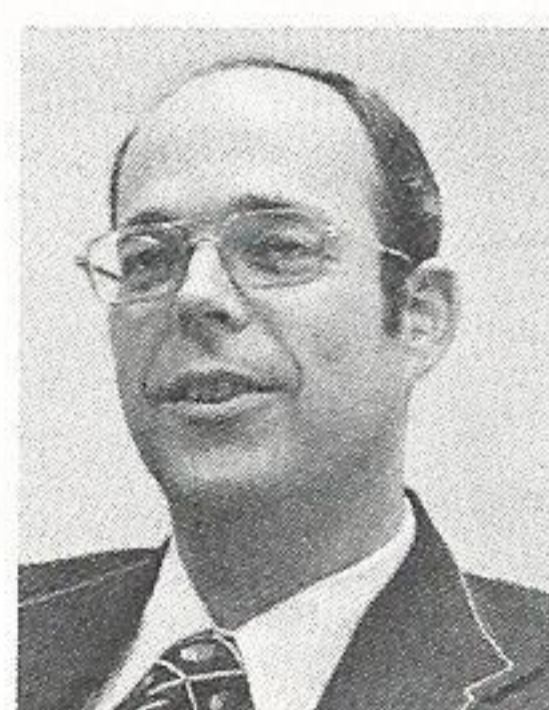


James D. Watkins
Division Production
Baton Rouge

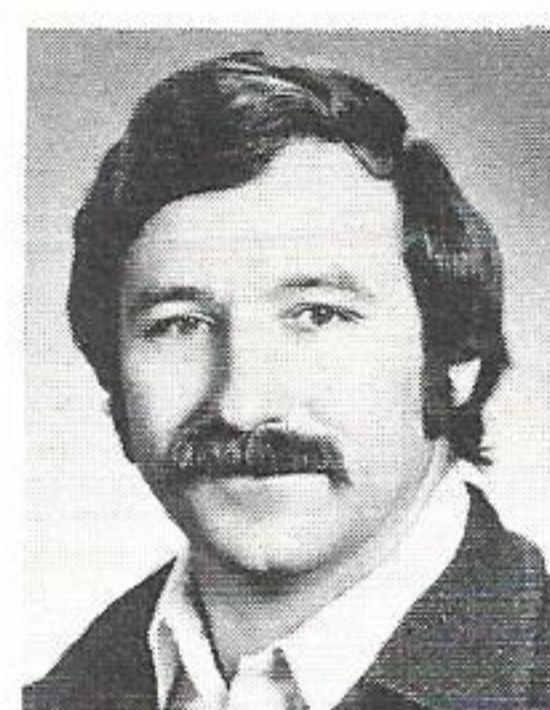
10 YEARS



Curtis A. Brown
Division Production
Lake Charles



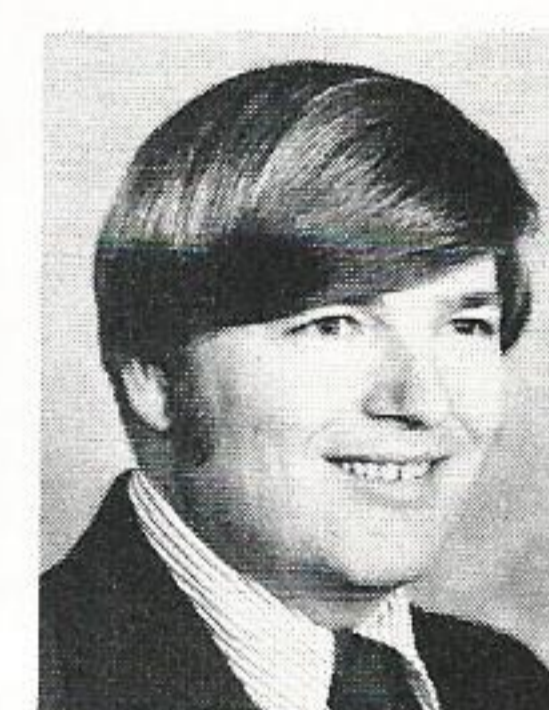
Brandon C. Bryan, Jr.
Financial Services
Beaumont



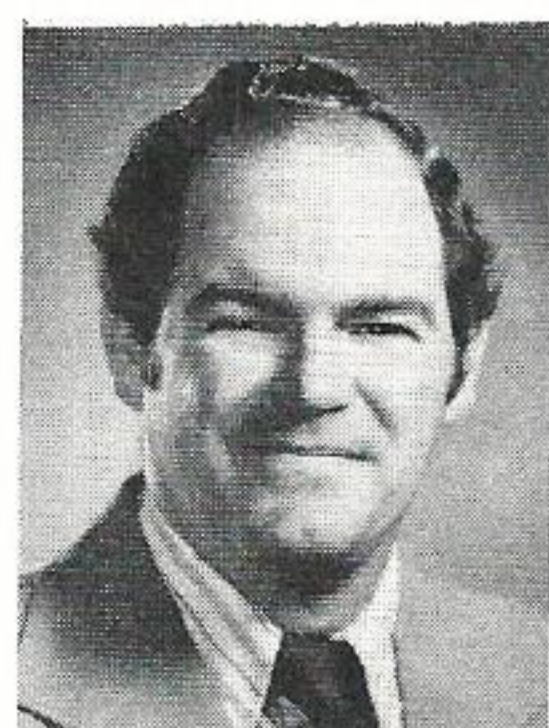
Victor J. Elmer
Division Production
Baton Rouge



Ralph J. Gremillion, Jr.
Division Production
Baton Rouge



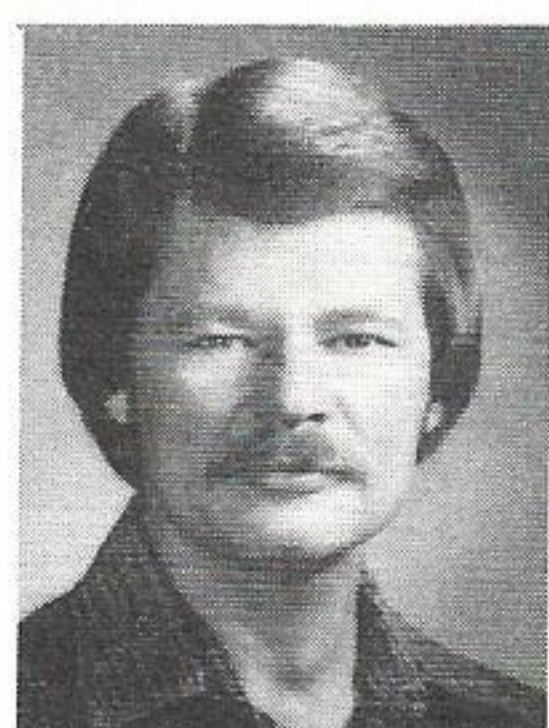
Ronald D. Hale
Division Operations
Conroe



Albert A. Hetzel
Division Production
Beaumont



Dale M. Mayeaux
Electric T&D
Baton Rouge



Robert J. Roberson
System Engineering
Design
Beaumont



Ursula M. Segree
Accounting Services
Beaumont

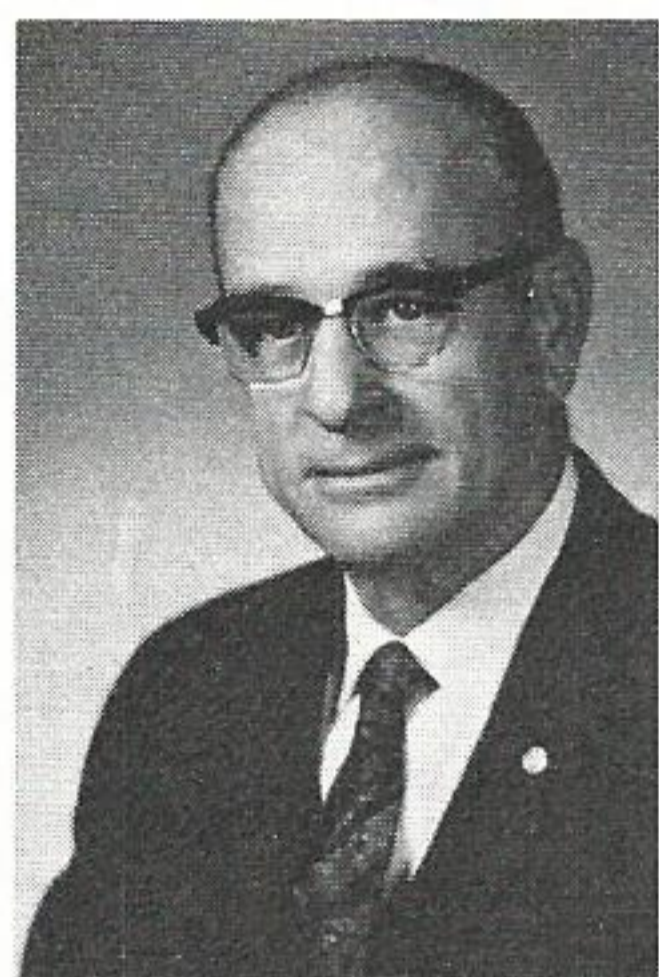


James Wesley
Electric T&D
Lake Charles

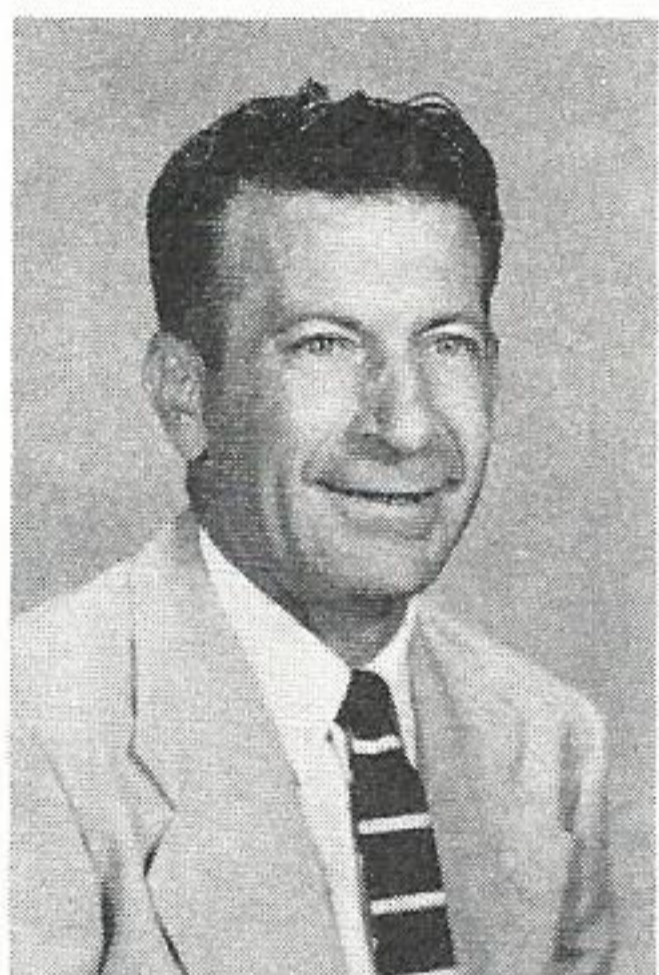
RETIREMENTS



Vaught



Zahn



Billodeaux



Echenhofer

William R. Echenhofer, switchboard operator in Division Production at Neches Station, retired in February after 31 years of service.

He came to the company in 1947 as operator's helper. He was promoted to auxiliary operator in 1954, and later that same year to turbine operator. He became second fireman in 1955, and in 1958 was promoted to equipment operator. After an assignment as turbine engineer in the early 60s he was promoted to switchboard operator in 1967.

Echenhofer is a native of Beaumont and a four year veteran of the Marine Corps. He is married to the former Wanda Adams of Greenville, Tex., and the couple has three daughters, Cynthia, Lisa and Kathleen.

As for retirement? "I plan to travel, camp, fish and become mankind's most successful and happy retiree."

Henry G. Zahn, Jr., shift supervisor in Division Production at Neches Station, retires in March after 38 years of service.

Zahn joined the company in 1940 as assistant fireman at Neches Station. He was promoted to operator's helper in 1941, and progressed through a number of various assignments at the power plant including turbine operator, turbine engineer, switchboard operator, head fireman, station engineer and finally to shift supervisor in 1967.

Zahn is a native of Dallas.

Rosemary Vaught, executive secretary to the Division Manager in Port Arthur, is retiring after 28 years of service.

Vaught is a native of Port Arthur, and attended Lon Morris Junior College in Jacksonville, Tex., and Scarritt College of Nashville, Tenn.

During her tenure, Vaught has served four division managers, and now that it's all over, says she and her husband, Gordon, plan to travel as much as they can in their 31' travel trailer. "When we're not on the road we plan to take it easy on some property we own at Toledo Bend."

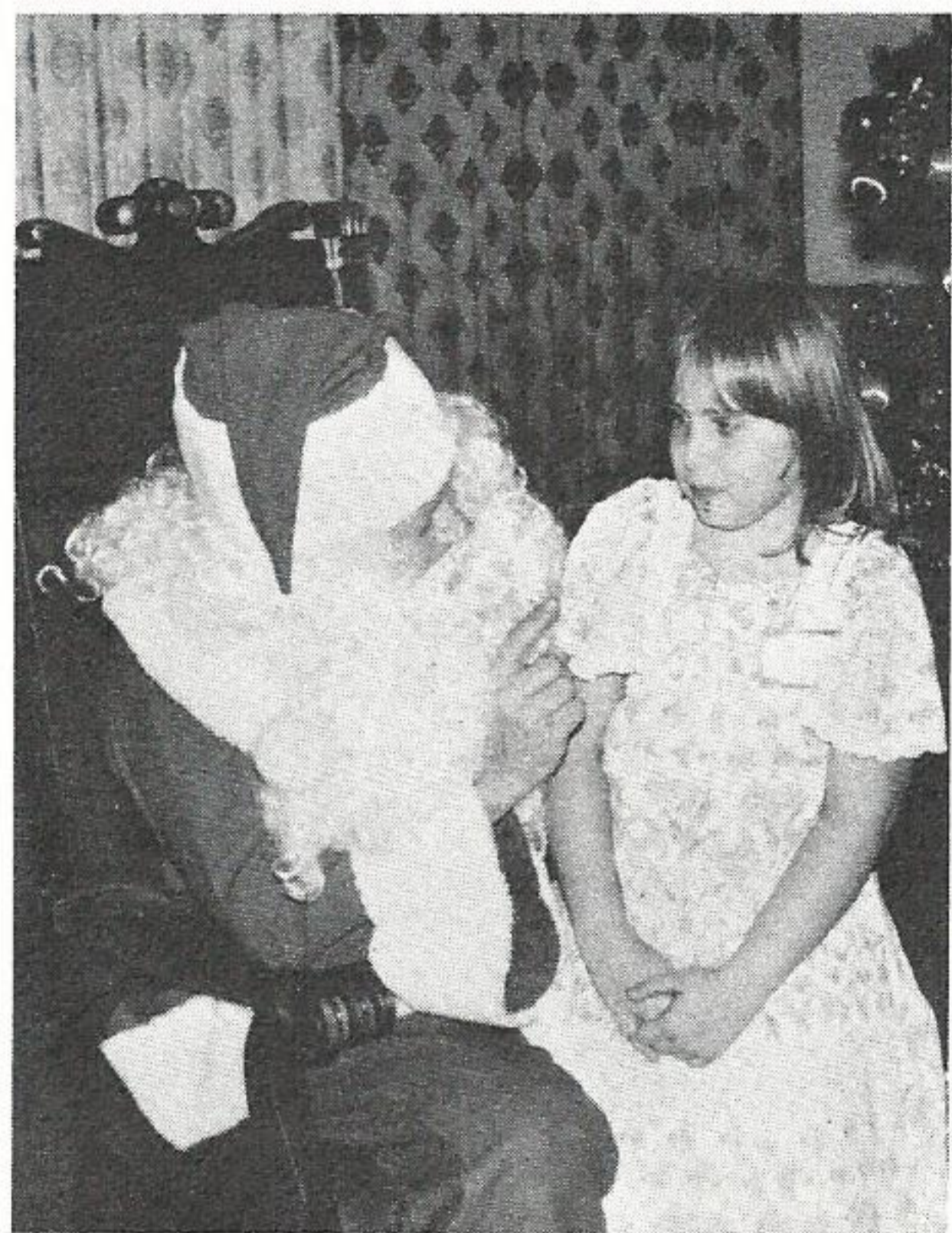
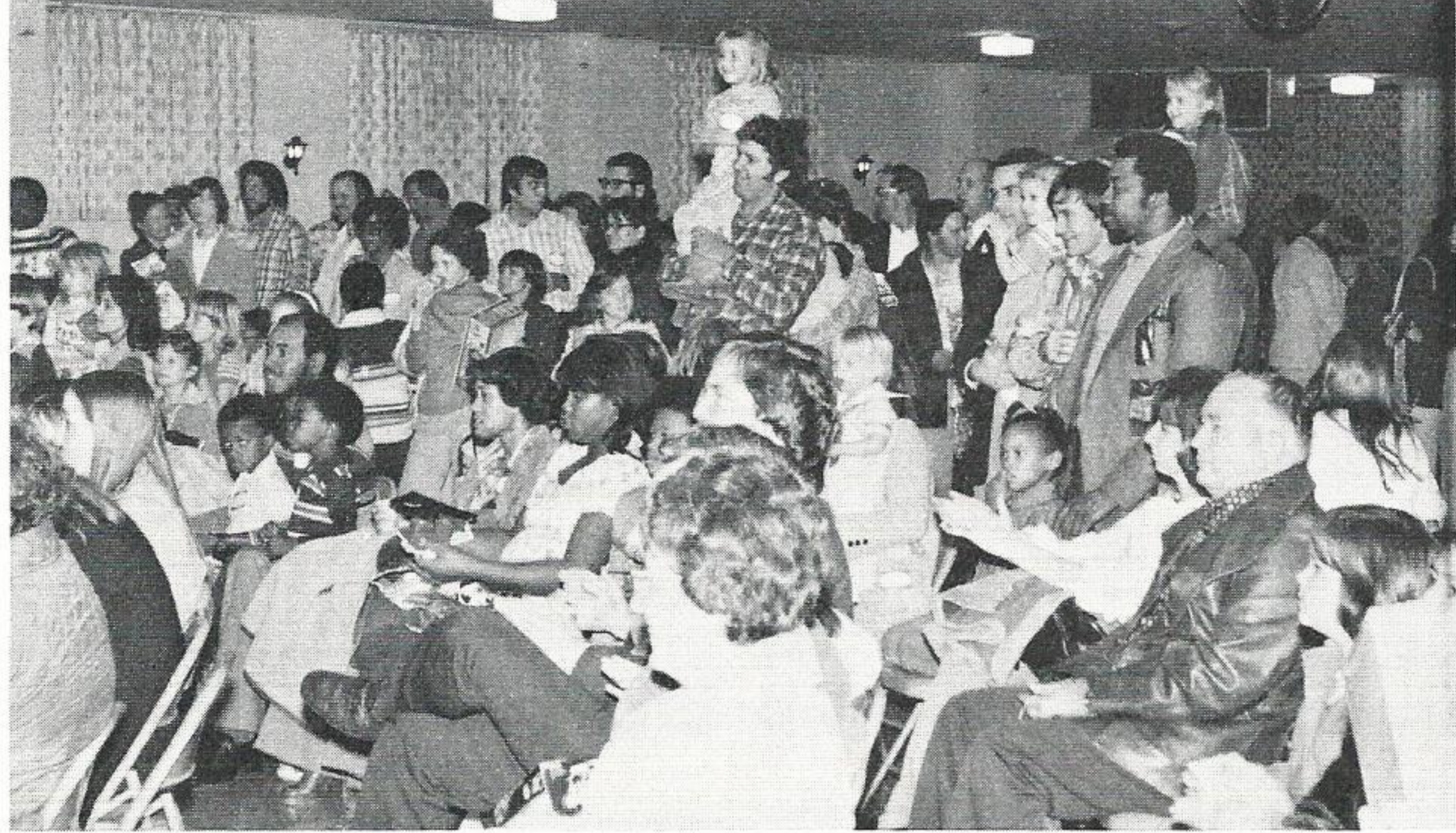
Vaught said she has met a great many very fine people. "They have become a part of my life, and I shall always remember them."

John W. Billodeaux, appliance repairman first class at Jennings T&D, retires in March after 41 years of service.

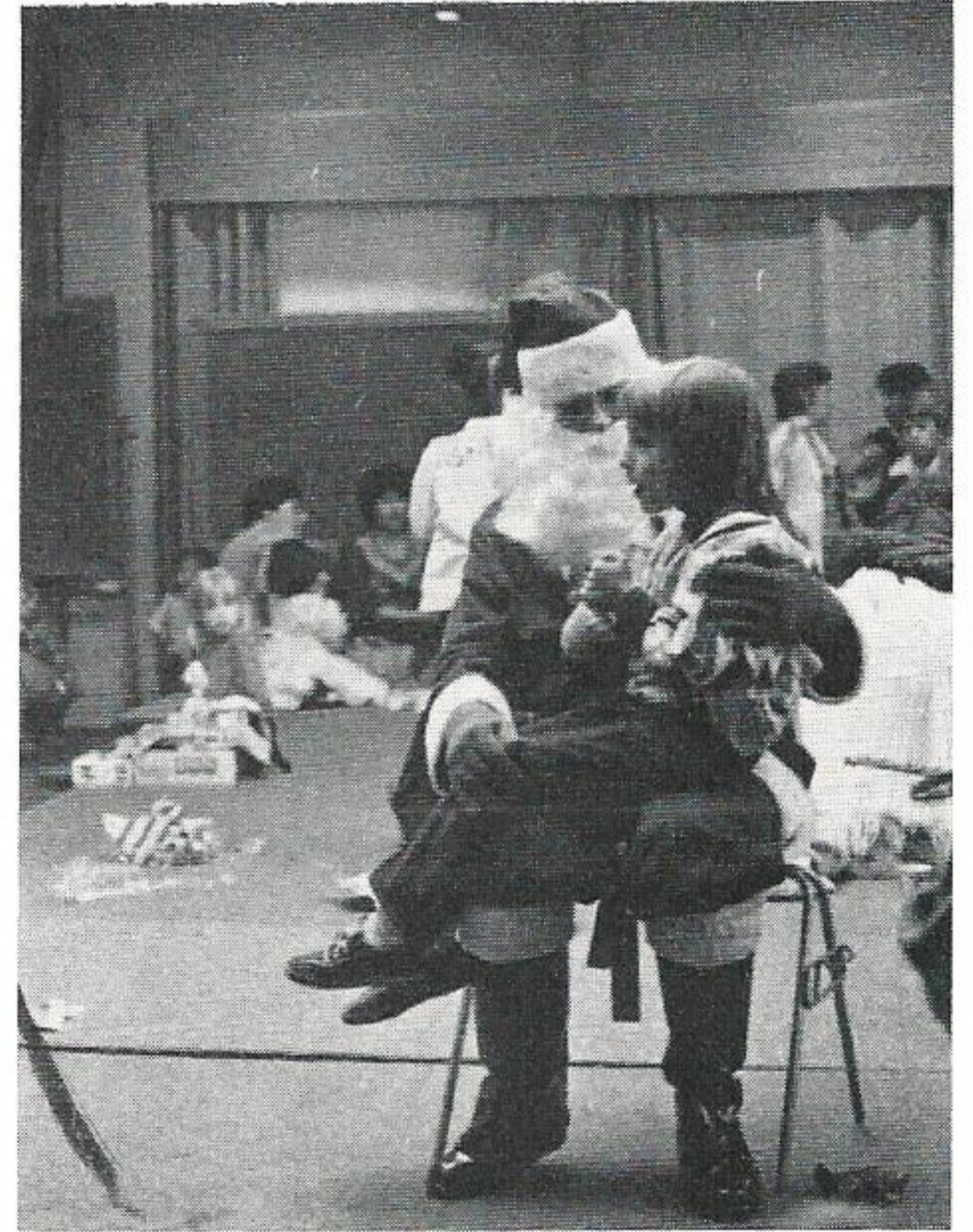
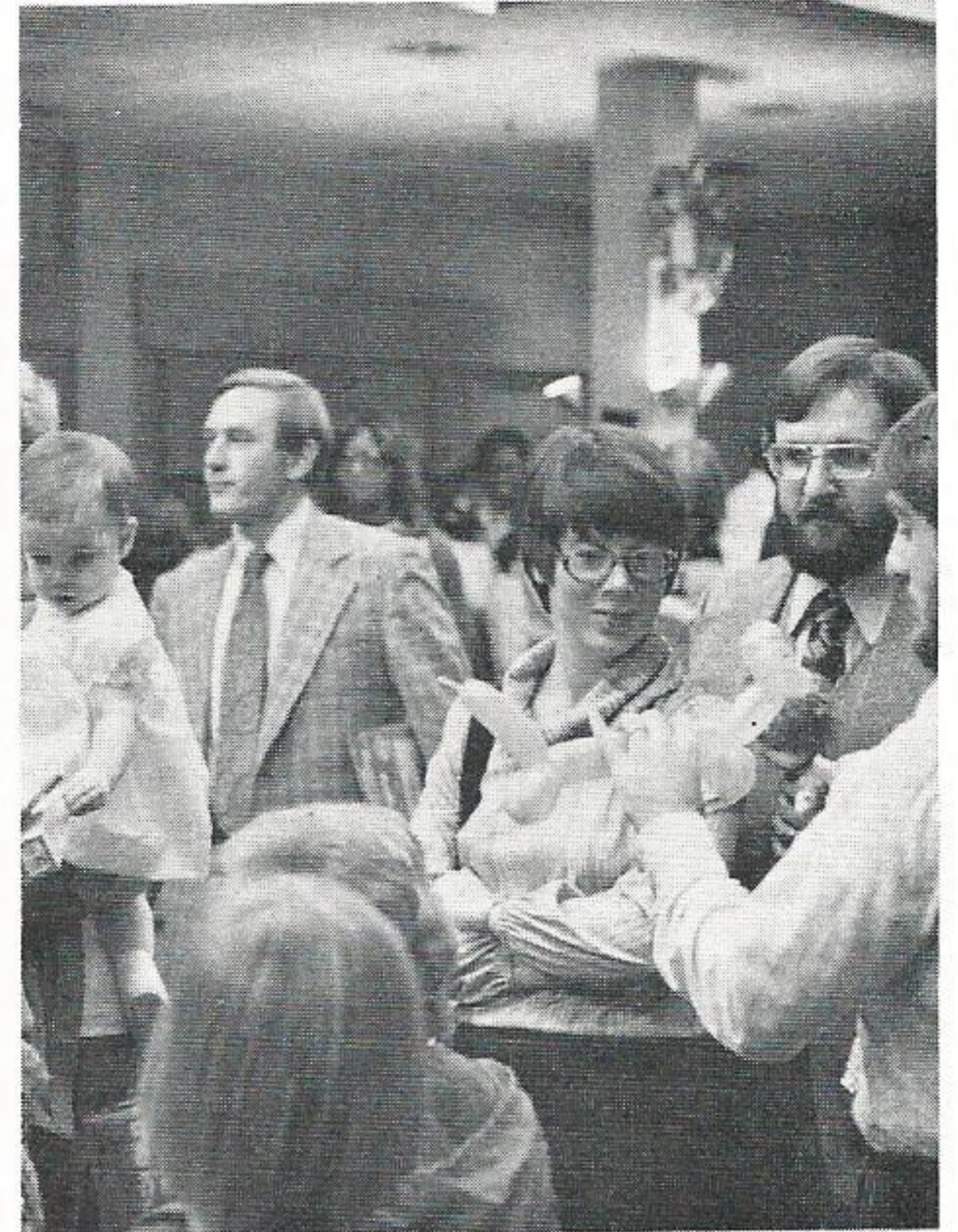
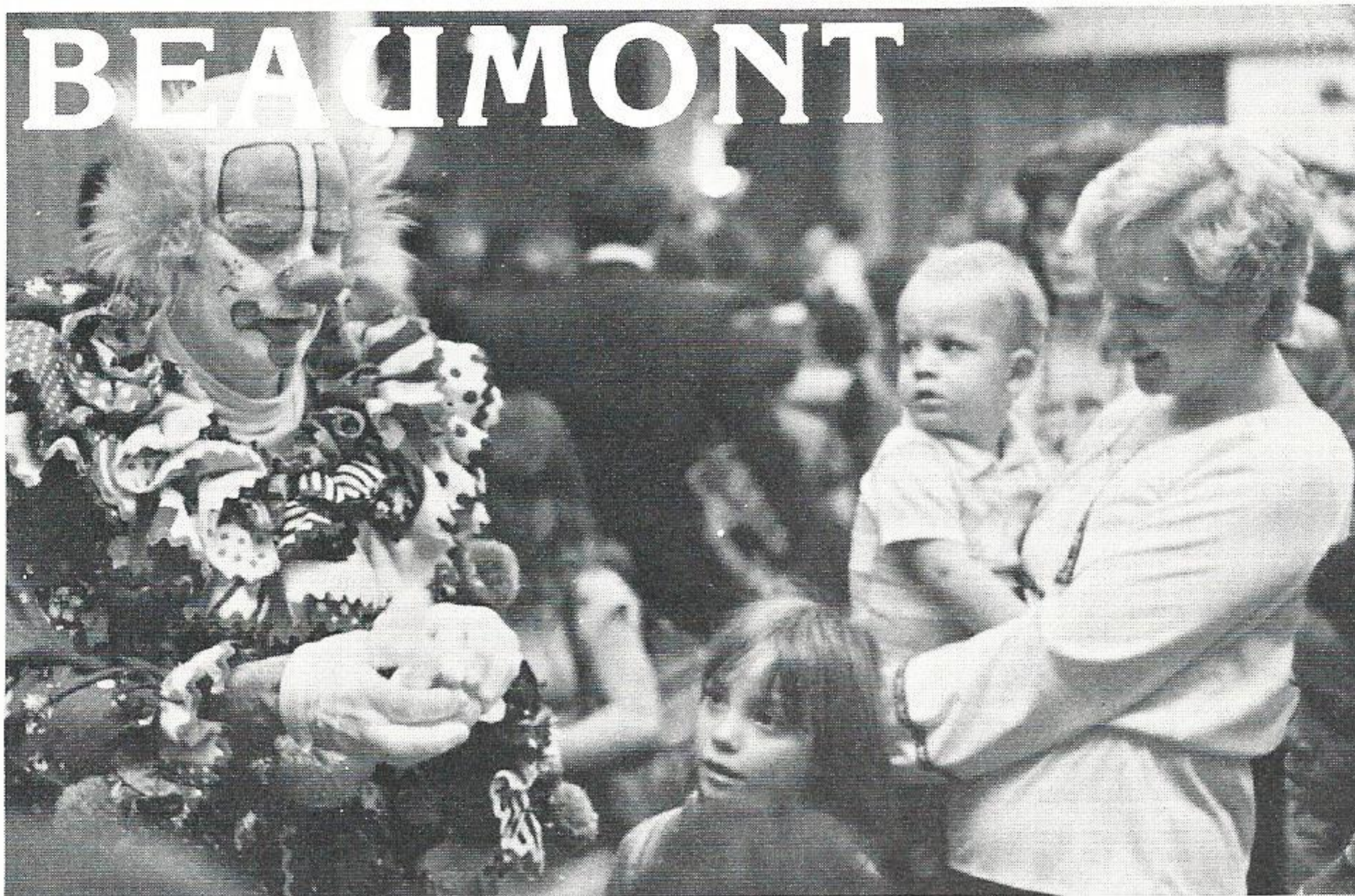
A native of Jennings, Billodeaux joined the company in 1936 as a helper in T&D. He became appliance serviceman in 1941, and later that same year was named appliance repairman second class.

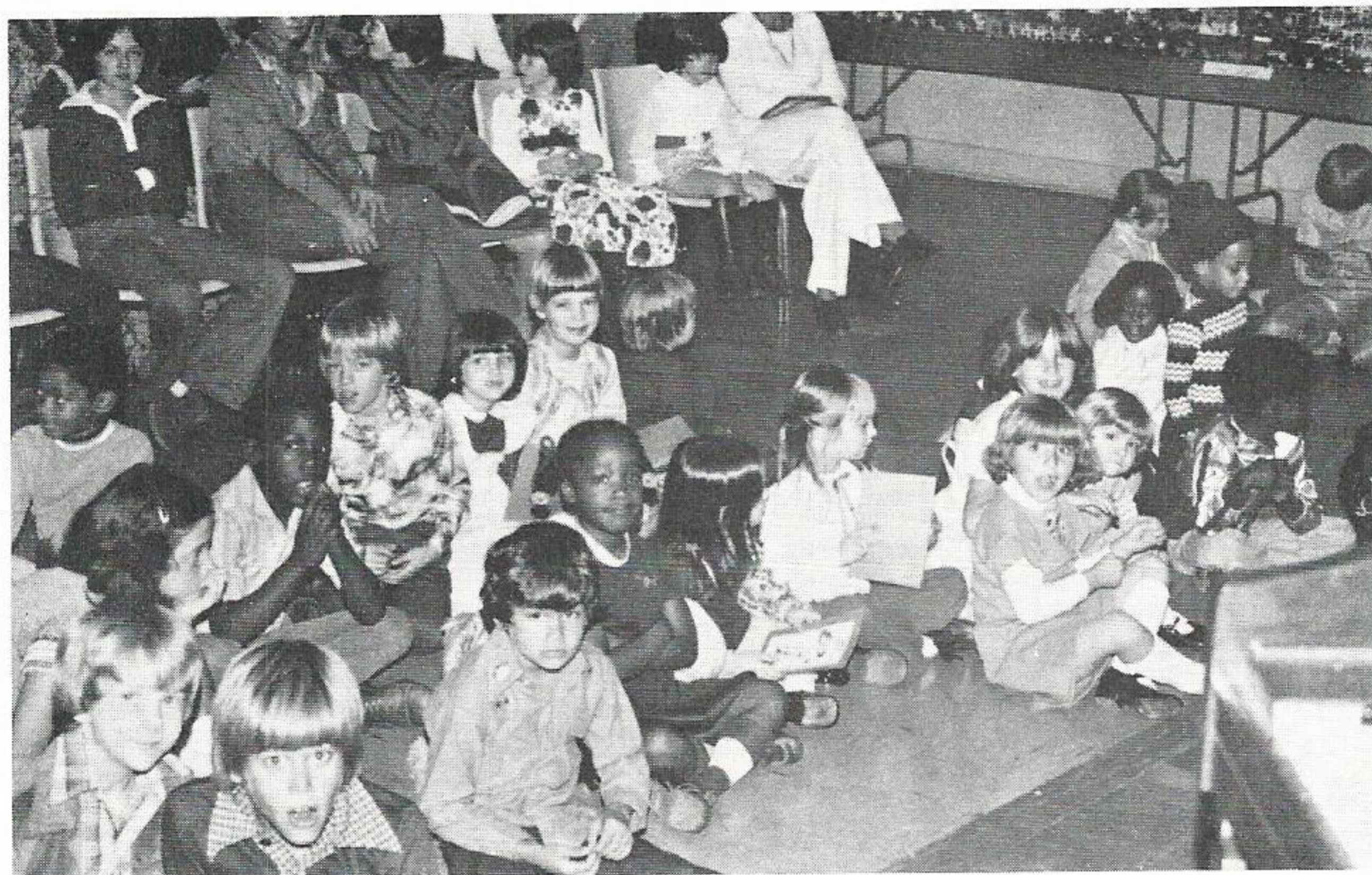
He is a graduate of Jennings High School.

BATON ROUGE



BEAUMONT

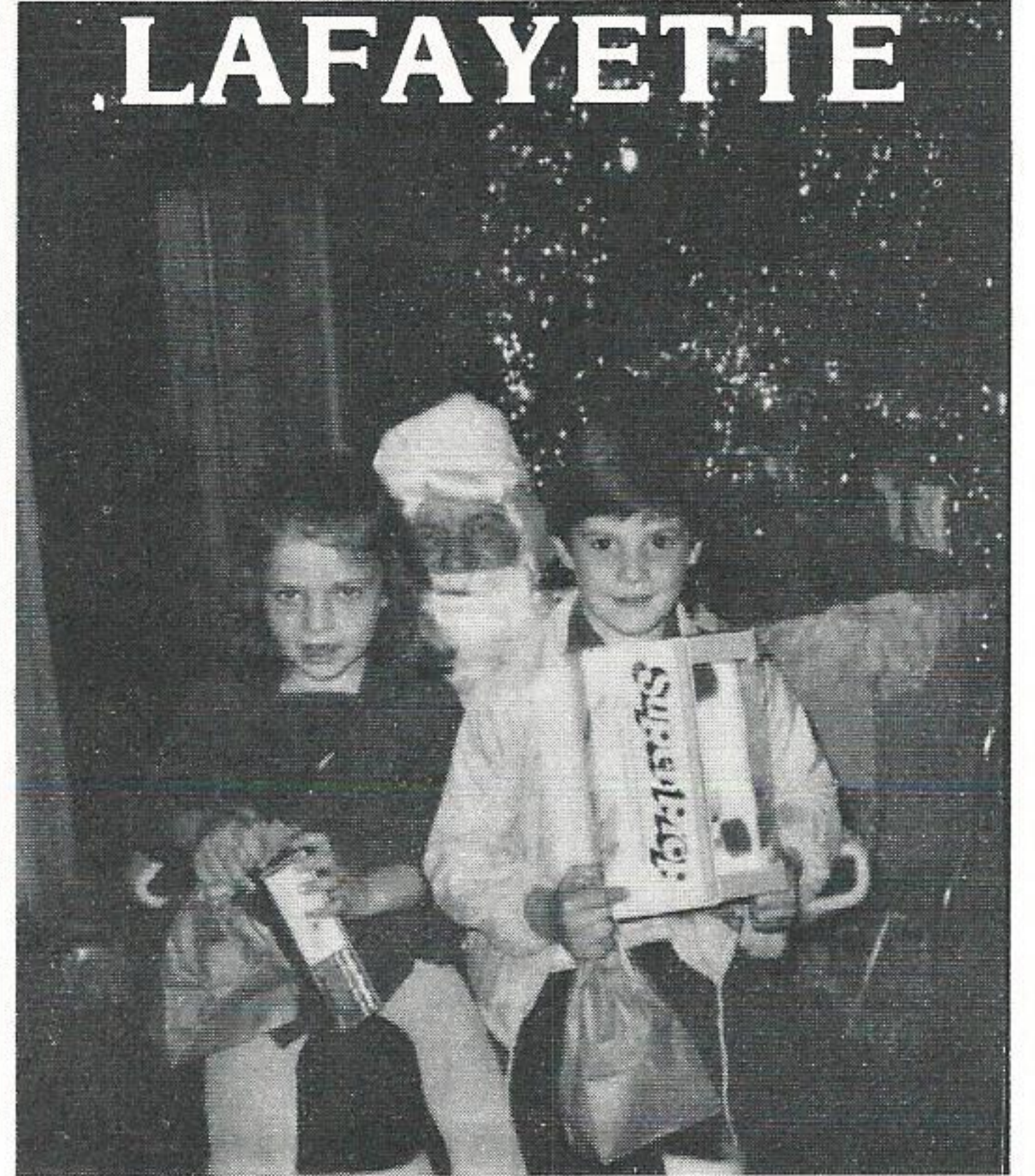




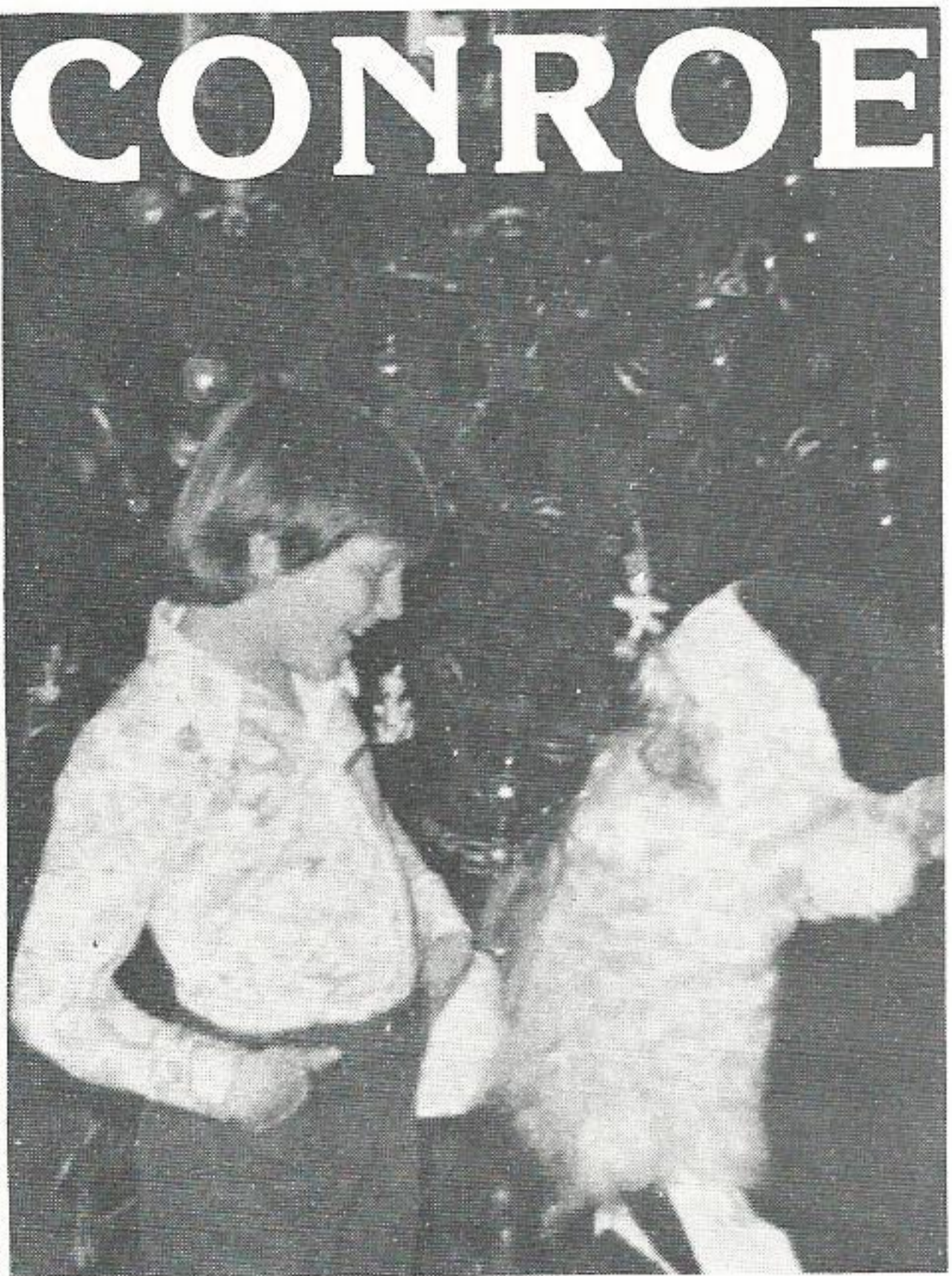
CLEVELAND



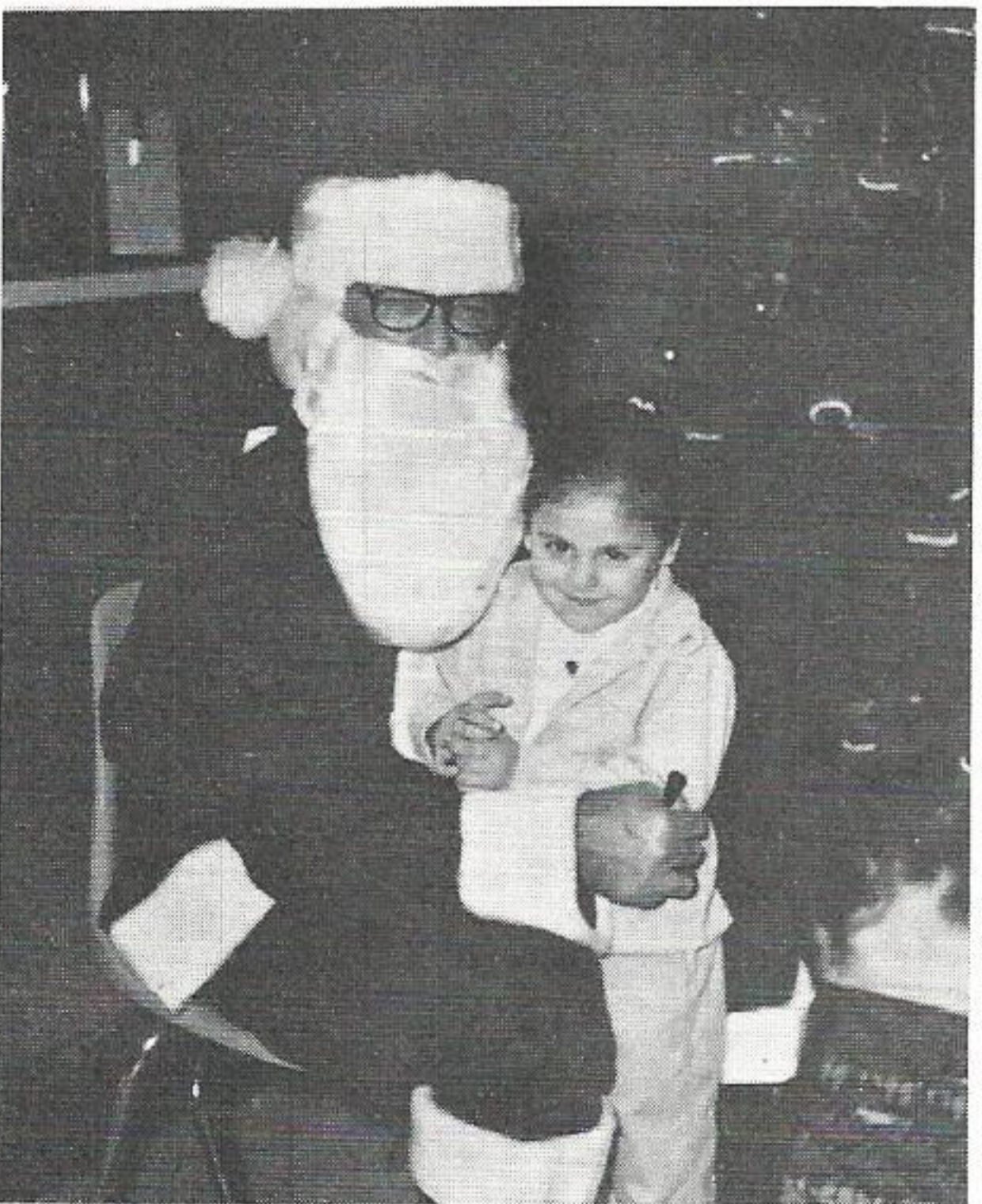
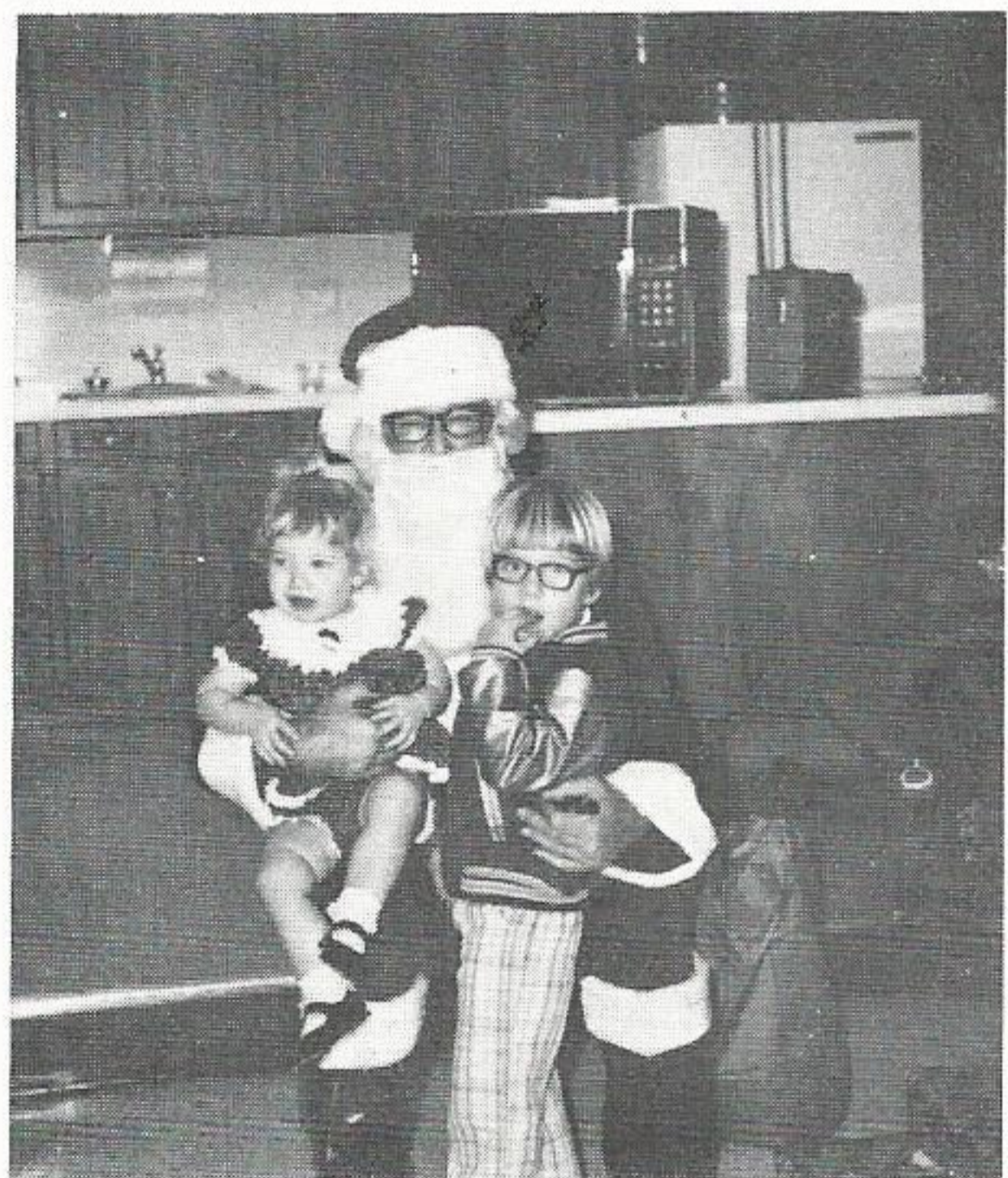
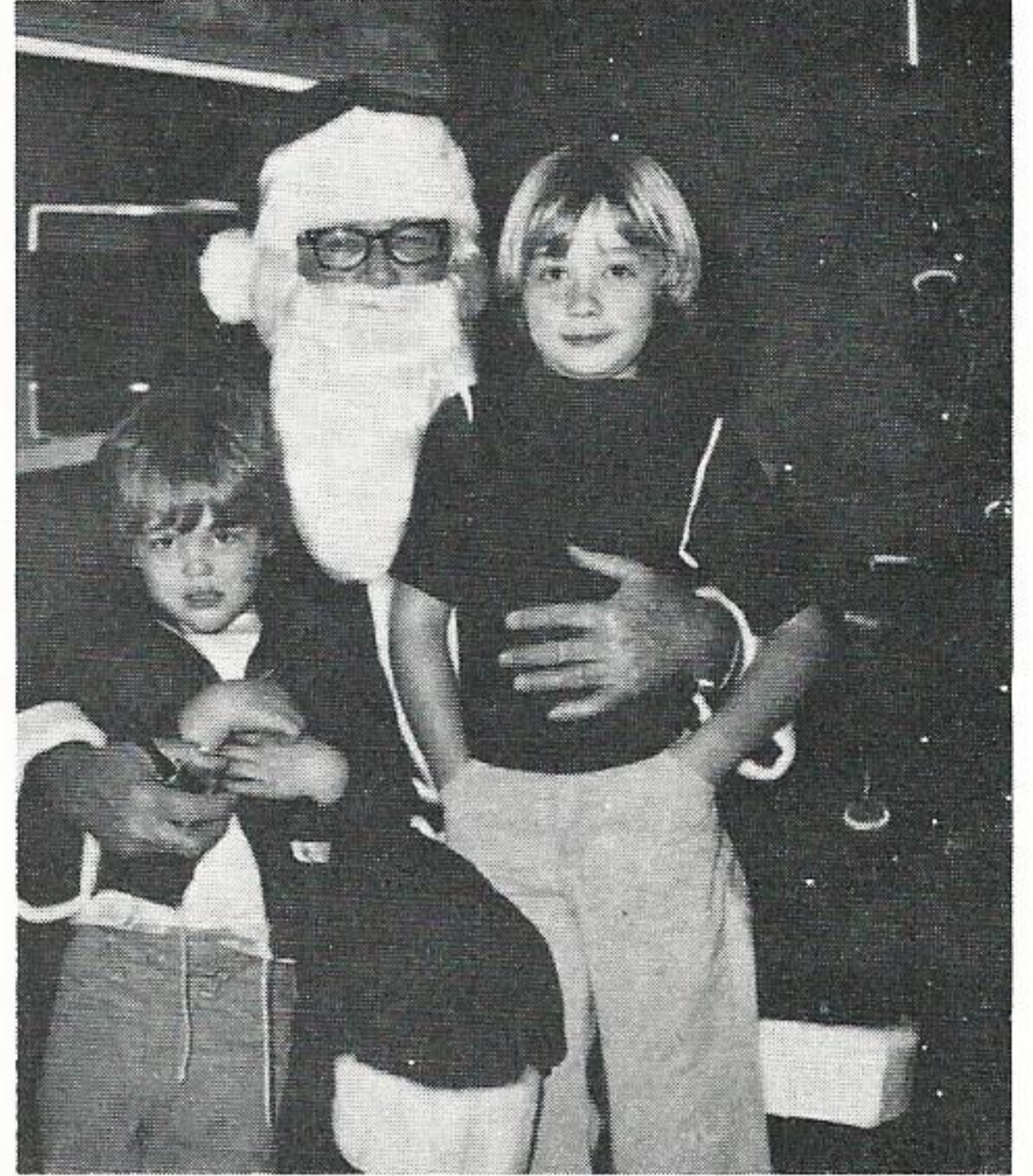
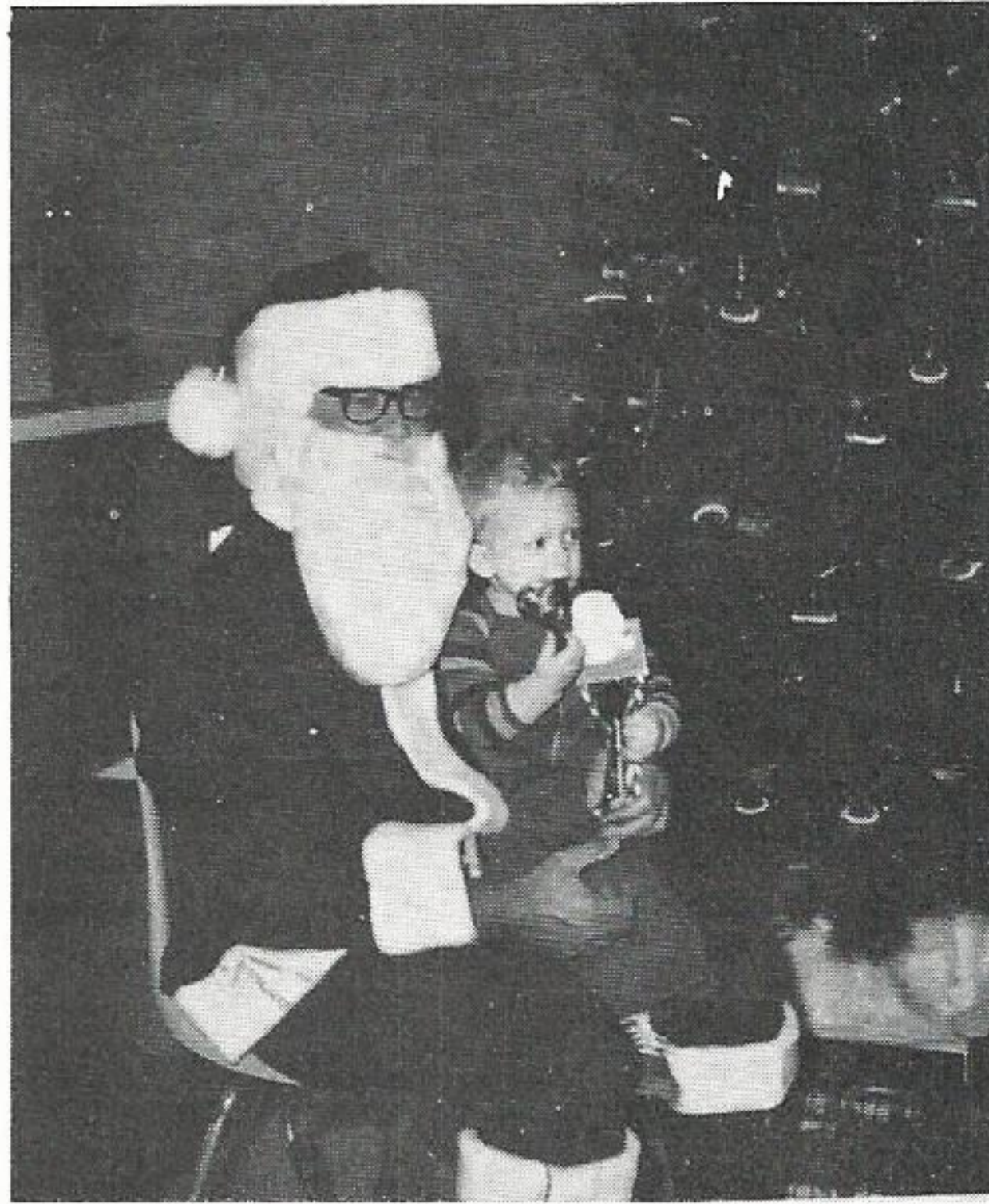
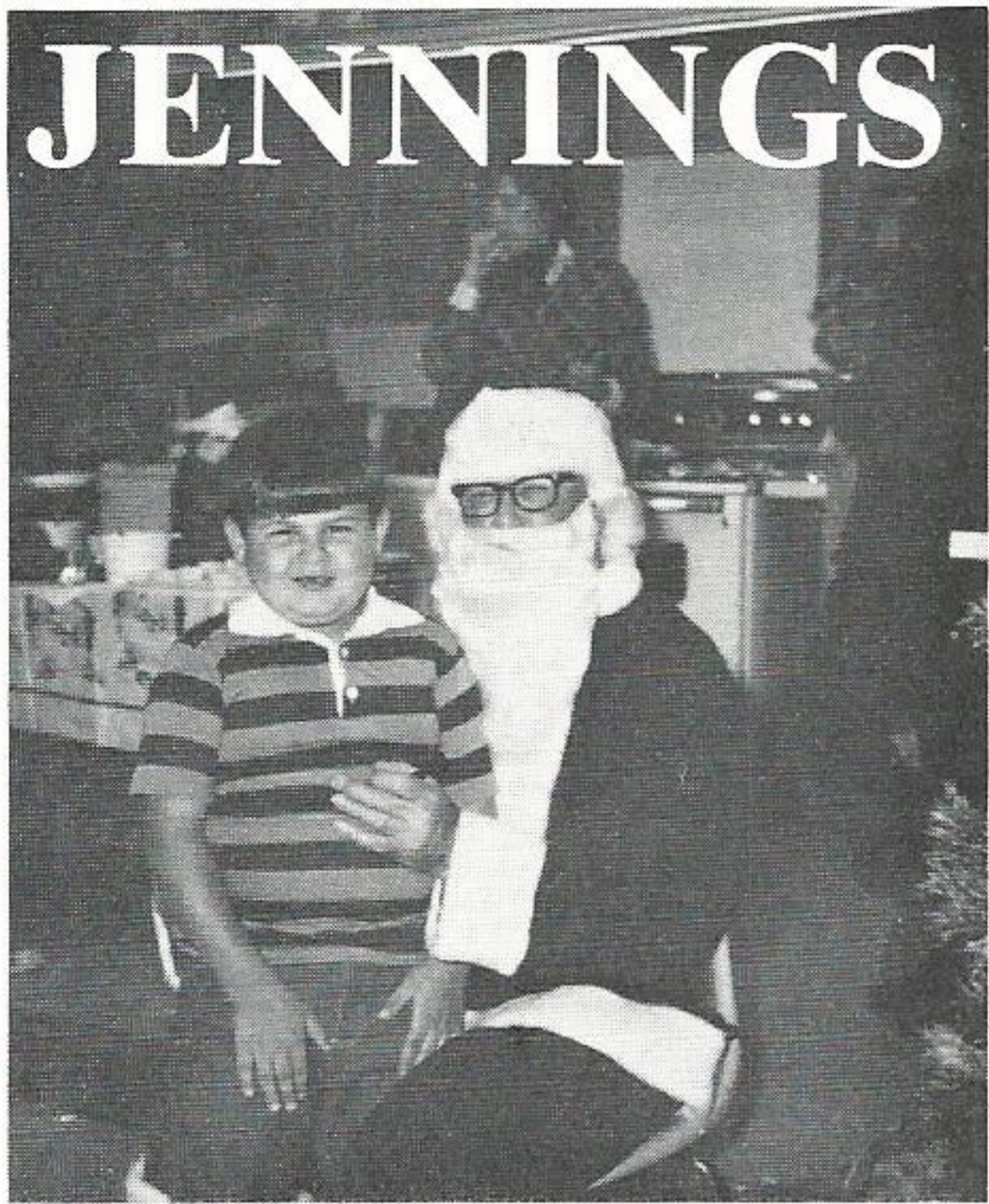
LAFAYETTE



CONROE

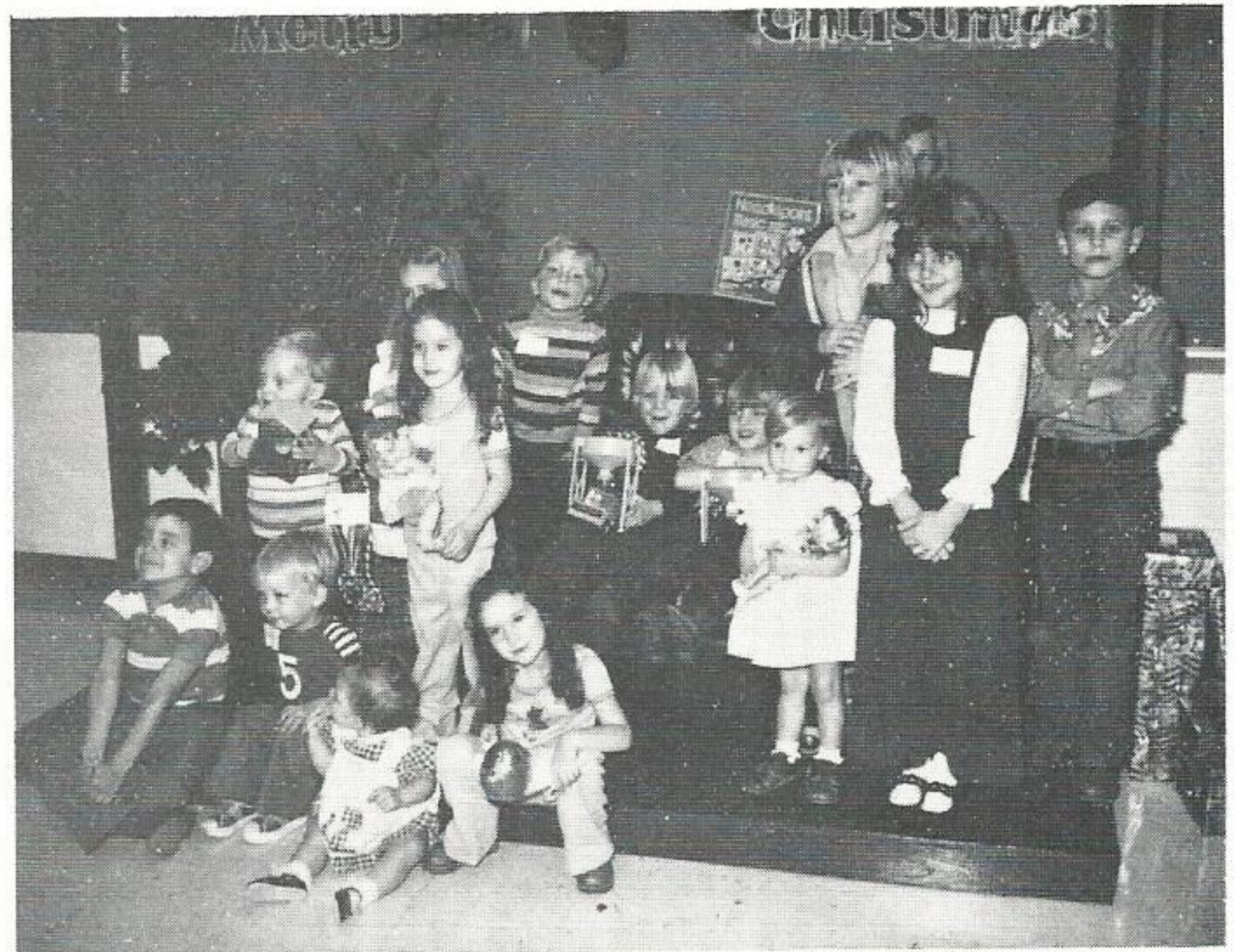
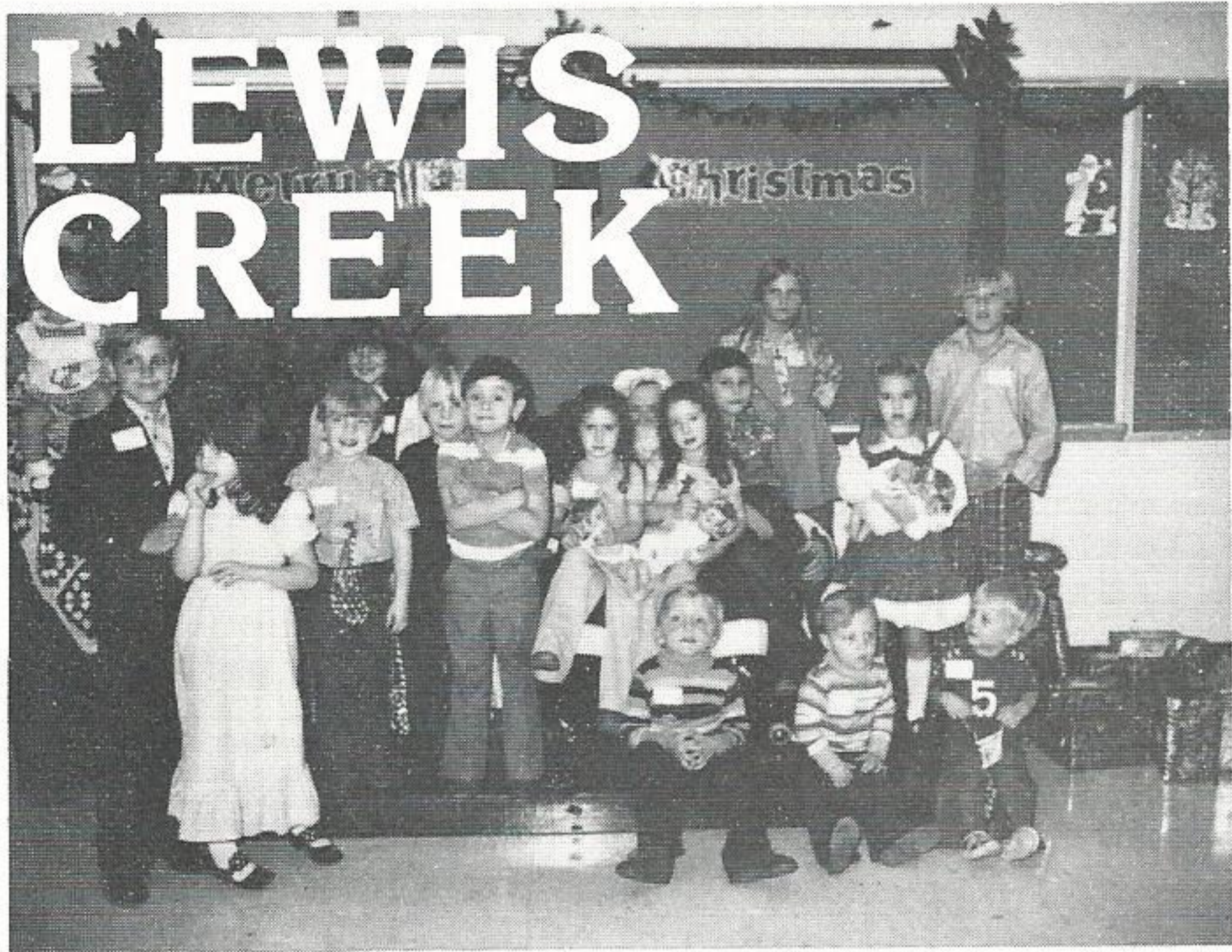


JENNINGS



LAKE CHARLES





NEW CANEY



SABINE STATION



NAVASOTA

Recipes

These recipes tested and approved by home economists at Gulf States Utilities Company. Additional copies are available at our offices and electric appliance dealer stores.

APPETIZERS

Swedish Meatballs

| | |
|---------------------------------------|---|
| 3 lbs. ground meat | 1 medium onion, finely chopped |
| 3 slices stale bread, soaked in milk | 2 stalks celery, finely chopped |
| 2 eggs, beaten | Salt, pepper and garlic salt to taste |
| ¼ cup finely chopped parsley | One 16 oz. bottle barbecue sauce (2 cups) |
| ¼ cup finely chopped green onion tops | One 10¾ oz. can cream of mushroom soup |

Mix first 8 ingredients and roll into bite-size balls. Fry in small amount of shortening. Pour off excess fat and mix barbecue sauce and soup in remaining drippings. Place meatballs and sauce in a large covered saucepan and simmer 40 to 45 minutes. Serve hot. Makes 200 meatballs. Meatballs may be frozen until needed.

Turkey Appetizer Ball

| | |
|------------------------------------|--------------------------------|
| 1 cup finely chopped cooked turkey | ½ cup Roquefort salad dressing |
| 3 Tbsps. imitation bacon bits | ¼ cup finely chopped pecans |

Combine turkey, bacon bits and salad dressing. Chill thoroughly. Form into a ball; roll in chopped nuts. Serve with crackers.

Hot Bacon Appetizers

| | |
|---|---------------------------------------|
| ½ lb. bacon, cooked and crumbled | 2 tsps. caraway seeds |
| 3 oz. American cheese, shredded (¾ cup) | Melba toast rounds |
| 2 Tbsps. butter or margarine, softened | Slivers of jalapeno pepper (optional) |

Mix bacon, cheese, butter and caraway seeds. Spread on toast rounds. Place a sliver of jalapeno pepper on top of each. Place on a cookie sheet and broil 4 inches from heat until cheese is melted and bubbling hot. Serve immediately. Makes about 30 appetizers. Note: To heat in microwave oven, arrange 8 appetizers in a circle on a paper plate and cook 15 seconds or until cheese melts.

Cucumber Dip

| | |
|---|-----------------------------|
| One 8 oz. pkg. cream cheese | ¼ tsp. Worcestershire sauce |
| ½ cup unpeeled cucumber, shredded and drained | Dash of garlic salt |

Combine cream cheese and cucumber; blend until smooth. Add Worcestershire sauce and garlic salt; mix well. Serve with sliced squash, cauliflowerets, radishes and carrot and celery sticks. For extra flair, serve dip in green pepper halves.

Pizza Rye Canapes

| | |
|---|-----------------------------------|
| 1 lb. ground meat | ½ tsp. garlic salt |
| 1 lb. hot bulk sausage | ½ tsp. Worcestershire sauce |
| 1 lb. pasteurized process spread, cubed | Four 8 oz. loaves party rye bread |

Brown ground meat and sausage in a large skillet. Add cheese and seasonings; mix well. Cool. Spread a thin layer of mixture on bread to ⅛ inch from edges. Bake at 375 degrees 8 to 10 minutes. Makes 8 dozen.

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