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**The Broadcaster**

CITY PUBLIC SERVICE

SAN ANTONIO, TEXAS

JAN.-FEB., 1988



# Update

## CPS EXPECTS TO SELL \$160 MILLION WORTH OF REVENUE

## BONDS IN MARCH TO FINANCE GAS AND ELECTRIC SYSTEM

IMPROVEMENTS. The San Antonio City Council authorized the bond sale in February. The proceeds will finance major construction projects such as the South Texas Project(STP) and the new coal-fired generating station to be built on Calaveras Lake, as well as extensions and improvements to the gas and electric systems. The bonds will be paid back with utility revenue, not taxes, over the next 25 years, thus spreading the cost of the improvements among present and future customers who use the facilities....UNIT 1

## OF STP IS EXPECTED TO BEGIN NUCLEAR REACTION IN LATE

## FEBRUARY AFTER DELAYS DUE TO EQUIPMENT AND OPERATIONAL

PROBLEMS. The Nuclear Regulatory Commission (NRC) is expected to issue a full-power license in the near future. Following three to five months of power ascension testing, commercial operation is expected to occur between mid-May and mid-July. Unit 2 is 90 percent complete, while the total project stands at 95.8 percent....ON THE COVER: UTILITY WORKER SIDNEY

## WITTLIF (LEFT) AND WAREHOUSEMAN JOHNNY POSTELL

## ASCERTAIN THAT CPS RECEIVED THE LENGTH OF GAS MAIN

## PURCHASED FOR THE NORTH GATE PIPELINE PROJECT NOW

UNDERWAY. See related article on pages 6, 7 and 8.

### Minimizing the Discomfort

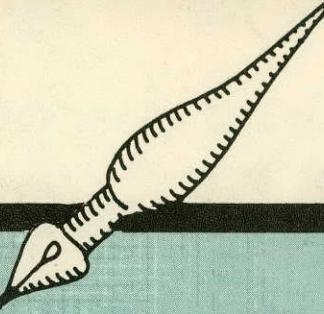
...from James Tipton, Grey Forest Utilities General Manager, to General Manager **Arthur von Rosenberg** concerning CPS employees who assisted the utility in restoring gas service:

"I want to express my appreciation to the City Public Service management, Mr. **L.B. Icke**, (General Supervisor) and especially to the City Public Service field employees who assisted us in restoring service after a partial gas outage, which occurred Jan. 9. Your employees (Gas Operations Servicemen), Messrs. **Ernest Aguirre, Robert Borchers, Jose Eguia, Gary Fletcher, John Hoyos, Richard Iredale, Walter Martinez, Joe Nerio, Pete Olguin, Michael Pelletier** and **Joe Santoy** helped immeasurably in minimizing the discomfort to the Grey Forest customers affected."



CPS gas serviceman connects gas service.

# Letters to CPS



At the January meeting, outgoing Board Chairman Earl Hill (left) presented retired General Manager Jack Spruce a resolution commending Spruce on his 41 years of service, including almost 12 years as General Manager.

## Sincere Appreciation

...from retired General Manager **Jack Spruce** to CPS active and retired employees:

"As I end my term as General Manager and my active employment with CPS, I want to express my sincere appreciation to all of you for the loyalty, support and cooperation you have given me during my career with City Public Service.

"City Public Service is recognized as a well operated and successful publicly-owned utility because of the performance of the people who conduct the affairs of its business. We have pursued our objective of providing quality gas and electric services to our customers at a competitive price and have applied our talents cooperatively to accomplish that goal.

"I will always fondly remember your

many expressions of good wishes for my retirement and the lovely party held in my honor which so many of you attended."

## Professionalism Appreciated

...from Gerald Maloney, Maloney Consulting Engineers, to former General Manager **Jack Spruce**:

"This letter is to say 'thank you' for the assistance we received from CPS when we met regarding San Antonio's Waste Water Treatment plants at Salado Creek, Leon Creek and Dos Rios.

**Russell Shrader** is the Project Engineer and was especially helpful in setting up the meeting and seeing to the presence of the appropriate CPS staff: **Marvis Hejtmancik** (Principal Engineer, Overhead Section); **Floyd Mockert** (Senior Engineering Technician); and

**Tom Chadwell** (Supervisor, Gas and Electric Metering Design). We resolved electrical service for three sites...and did so in short order. We appreciate Mr. Shrader's and the CPS staff's professionalism."

## Positive Impression

...from **Pat Legan**, newest CPS Trustee, to Public Relations Manager **Barbara Stover**, commending the Public Relations and Printing staffs on the 45th anniversary edition of **The Broadcaster**:

"I have just read the special edition of **The Broadcaster** on the occasion of our 45th anniversary of municipal ownership. I was tremendously impressed with the composition of this issue and the interesting manner in which the material was presented. Please extend my congratulations to **Irma (Orozco)**, **John (Bogges)**, **Pat (Curtis)**, **Al (Major)**, **Patty (Gonzales)**, **Manuel (Davila)**, **Rodolfo (Longoria)**, **Tony (Rittimann)**, **David (Howard)**, **Jimmy (Alonzo)**, **Raymond (Prouty)** and **Lupe (Anguiano)** for a job excellently performed."

## To the Rescue

...by Lynn Curry, executive director, Wildlife Rescue and Rehabilitation, Inc. (WRR), reporting in her organization's newsletter the rescue of a baby shrike trapped in its nest halfway up a utility pole. Rescuers soon realized they were dealing with a CPS hot wire and called CPS for help:

"Soon a CPS dispatcher called me back (and) within an hour, **Kim Moos** (Lineman) had arrived. Since there was no way to get an aerial basket near the pole, Kim had to climb it....He gently grasped the bird and nest, tucked them safely in a pouch and proceeded back down the pole....Without the help of good people from agencies like CPS, WRR could not perform its lifesaving work."

## Board Chairman Earl Hill (1978-1988):

# 'STP Most Satisfying Accomplishment'

When local attorney **Earl Hill** became a member of the Board of Trustees in March 1978, he said his main hope had always been "to make some kind of contribution toward the progress of this city, the area that CPS serves." When he retired from the Board at the end of January, concluding two five-year terms, Hill could say he had fulfilled that hope.

In 1982, Hill became Vice Chairman of the Board, a position he held for five years before assuming the chairmanship in February 1987, replacing outgoing Chairman **Glenn Biggs**. During Hill's

ten-year tenure, considered one of the most difficult chapters in the history of the utility industry, the Board was confronted with rising fuel prices, growing energy requirements and the need for fuel diversification. In addition, the policy-makers faced such challenges as delay and cost increases in the South Texas Project and negotiation in the settlement of lawsuits involving gas supplies and excessive railroad coal-hauling rates.

Hill was actively involved in the Board's Audit, Compensation and Building committees and also supported establishing

an Equal Employment Opportunity (EEO) Division at CPS. His interest in the latter led to increased recruitment of minorities and a greater parity with the population. The January 1988 figures from the EEO Division reflect that since the division was created in 1981, the number of females in the CPS workforce has increased 110.3 percent; Blacks, 158.5 percent and Hispanics, 2.5 percent.

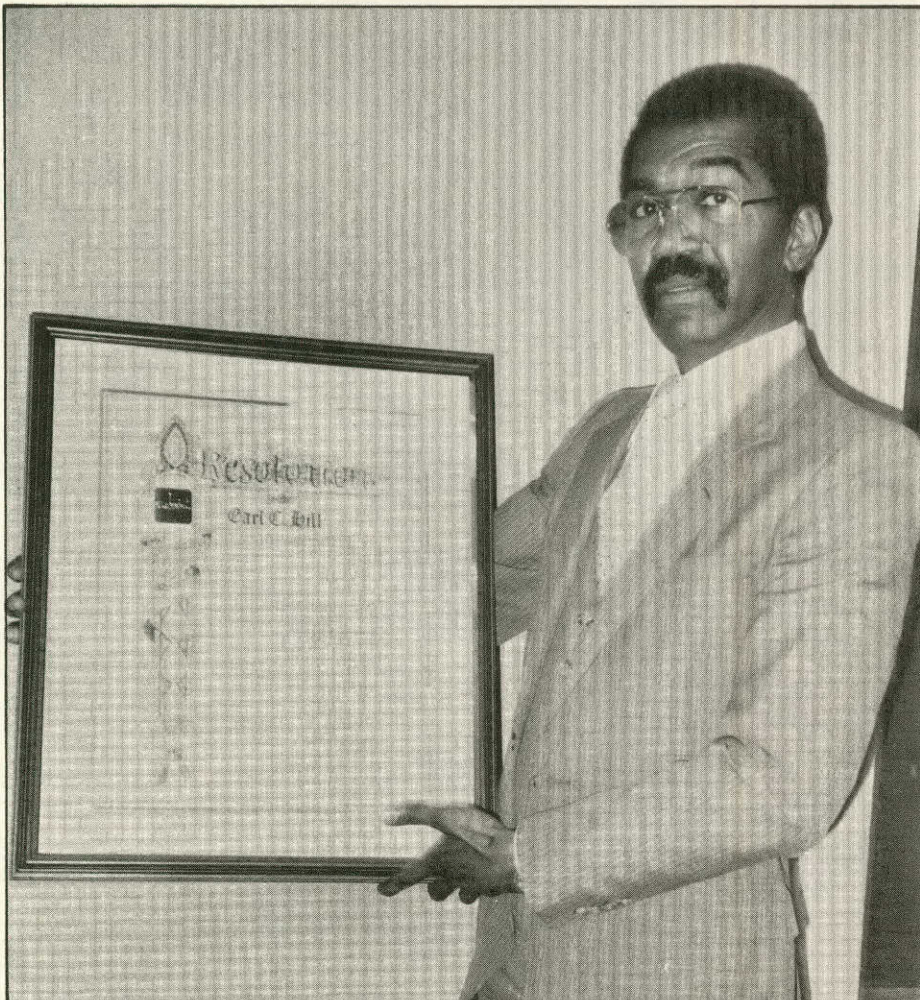
According to Hill, the most satisfying accomplishment during his tenure on the Board was "staying the course toward completion of the STP nuclear power plant." After years of stumbling blocks, STP is finally nearing completion. Hill says, however, "We still are not on track in terms of time and cost; STP remains a wise investment that will provide a necessary source of energy and ultimately will save the ratepayers a lot of money."

Asked what he had gained from his experience on the CPS Board, Hill answered without hesitation: "Patience and perseverance!" Before his tenure as Chairman, he had told a local reporter that he was impatient in just about every aspect of his life. His CPS experience, however, has taught him that "You don't do anything suddenly — you plan far in advance."

"Earl Hill has demonstrated that he's very interested and involved in the well-being of his community and he has contributed a great deal to San Antonio through his active involvement as a member of the CPS Board," said General Manager **Arthur von Rosenberg**. "His dedication and enthusiasm will be missed."

And how does Hill rate CPS management and employees? "A-one double-plus! It's the most efficient group I've ever worked with," he said. "The Board could not make intelligent policy decisions without the technical material, data and expertise provided by CPS staff. The superb leadership provided by General Manager **Jack Spruce** (retired) was beyond comparison, and I know (General Manager) Arthur von Rosenberg will provide the same level of expertise."

Hill, a native of Montgomery, Alabama, served in the U.S. Air Force before com-



Retiring Board Chairman Earl Hill proudly exhibits a resolution from fellow Trustees thanking him for his ten years of service as a Trustee, including one year as Chairman.

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pleting a bachelor of arts degree in government and a law degree at Texas Southern University in Houston. He came to San Antonio in 1963 as Bexar County Assistant Criminal District Attorney and Chief Felony Prosecutor. Following seven years at the County Courthouse, he opened his own law practice.

In civic and community affairs, Hill has served as chairman of the Alamo Area Council of Governments Executive Committee and as a member of the Board and Executive Committee of the United Way. He also served on the University of Texas Health Science Center Expansion Board of Trustees, which helped make the Texas Research Park a reality. On the state level, Hill is a member of the State of Texas National Association for the Advancement of Colored People (NAACP) and served as a Governor's appointee to the Greater South Texas Cultural Basin Commission in 1976.

Hill and his wife, Artherine, have two children — daughter Cyd, 29, and son Earl II, 28.



Hill conducted the monthly Board of Trustees meetings from March 1987 to Jan. 1988.



(Left to right), Retired General Manager Jack Spruce, new Board Chairman Lila Cockrell and outgoing Board Chairman Earl Hill answered many questions at public hearings throughout the years.

# Cockrell and Legan Named Chairman, Vice Chairman



**Lila Cockrell**



**Pat Legan**

CPS Chairman **Lila Cockrell** and Vice Chairman **Pat Legan** bring a history of decision-making experience to the Board of Trustees. The two were unanimously elected at the January Board of Trustees meeting.

Cockrell was formerly the vice chairman of the Board, a position she held for one year. The former mayor is presently in the second year of her second five-year term after being elected to the Board in 1981. From 1975-81, Cockrell served as ex-officio member of the Board while Mayor of the City of San Antonio.

As a Board Member, Cockrell helped win a lengthy multimillion dollar court settlement dealing with railroad rates in the transportation of Wyoming coal to the CPS coal-fired power plant on Calaveras Lake. The settlement will benefit customers over a seven-year period.

For her efforts, the native of Fort Worth received the first Spence Vanderlinden Public Service Award, a plaque pre-

sented annually by the American Public Power Association.

The civic-minded leader, a graduate in speech from Southern Methodist University, served as a Navy officer in World War II. After the war, Cockrell and her husband — the late S.E. Cockrell Jr. — and their two daughters moved to San Antonio. In the Alamo City, Cockrell became involved in local government as well as civic endeavors. The former mayor served as the executive director of United San Antonio and on numerous other boards and commissions at the local, state and national levels.

Cockrell is presently the president of Atkins Travel-by-Design.

Legan, a lawyer and owner of real estate and retail manufacturing interests in San Antonio, Baton Rouge, La. and Largo and Orlando, Fla., became a Trustee in April 1986. His office is headquartered in the Park North Professional Building.

A well-known community leader, Legan

has held policymaking positions in the Greater San Antonio Chamber of Commerce, San Antonio and Bexar County United Way, CENTRO 21, St. Mary's University and the Southwest Research Institute, among others.

Legan, a native of San Antonio, holds a law degree from St. Mary's University. He practiced law in San Antonio from 1946-1958. Subsequently, Legan held the position of executive vice president and president of Ray Ellison Industries from 1958-1972. In 1972, he resigned to pursue business interests and civic and charitable matters.

Legan and his wife, Dorothy, have six grown children and six grandchildren. In his spare time, the civic leader has combined his interest in photography and Egyptian archaeology, while visiting Egypt 11 times during the last 22 years. The new Vice Chairman has also traveled extensively in Europe, Africa, Asia and the Far East.

## CPS Assistant Supervisors...

# Vital Links for Utility Assistance

It is not unusual to call the Assistant Supervisors for Customer Information of the Customer Contact Division and find them on the phone with personnel from utility assistance agencies. Averaging 250 calls a day during the winter months, the Assistant Supervisory staff is a vital communication link with agencies which assist needy customers with their utility bills.

This group of four persons sets the wheels in motion for utility assistance recipients to receive almost \$3 million in credit toward their bills.

Supervisory personnel include **Sam Gardner, Shirley Price, Nora Caballero** and **Tommy Ortiz**, all located in the Tower Life Building. Newly-appointed Supervisor **Debbie Buckaloo** also worked closely with utility assistance agencies before her promotion.

To help with their task, the Assistant Supervisors recently compiled a book on the CPS role in utility assistance and descriptions of the eight major programs which provide monetary aid.

The book documents how CPS supervisory personnel provide invaluable support work and coordination with the three agencies which direct the programs.

The City of San Antonio Department of Human Resources administers Direct Assistance, Project Winter Assistance Relief Mobilization (WARM) and the Community Action Seniors Program.

The Bexar County Department of Human Resources handles the Energy Crisis Program, the Emergency Nutrition Temporary Relief Program and the Senior Citizens Utility Relief Program.

The Archdiocese of San Antonio sponsors the Telethon Navideno and the Catholic Family and Children Services.

"The Customer Information Assistant Supervisors put a tremendous amount of work into the invaluable reference book which will be augmented in the future," stated **Richard Gonzalez**, Director of Customer Contact, Customer Service Center.



**Nora Caballero, Assistant Supervisor of Telephone Contact, fills out paperwork to reconnect gas and electric service for a utility assistance recipient.**

The duties of the Customer Information Assistant Supervisors include establishing accounts to receive the contributions, crediting customer accounts, granting extensions, making arrangements to reconnect services, as well as providing agencies with customer information.

"Processing utility assistance contributions is hectic, but very satisfying work. We know we are helping needy customers who otherwise might be disconnected," stated Caballero, who has been an Assistant Supervisor for three years.

The assistant supervisory personnel must also be familiar with program criteria such as eligibility, amount of assistance and the duration of the program, in addition to processing monetary contributions. The staff often provides agency referral information.

Utility assistance varies from \$30 to \$400 and is granted during different times of the year to senior citizens and low-income and needy families. In 1986, approximately 80 percent of the available funds for utility assistance was distributed during the winter months with the

Community Action Seniors Program disbursing \$2 million followed by Project WARM with \$300,000 and the Bexar County Senior Citizens Utility Relief Program, \$155,000.

The funds from the Telethon Navideno are disbursed from December to March or until monies are exhausted.

While Direct Assistance is granted all year long, three programs go toward aid in emergency situations, such as financial hardship, health problems and to prevent service disconnection. They are the Energy Crisis Program, 38 percent of the Bexar County Emergency Nutrition Temporary Relief Program and the Catholic Family and Children Services.

The Project WARM Crisis Intervention component assures that some monies are available to assist customers throughout the entire year.

Utility assistance recipients can be sure that CPS puts forth its greatest effort in processing their accounts.

# NORTH GATE PIPELINE...

**Gateway to  
Service,  
Competitiveness  
and Reliability**

**BELOW:** The first shipment of 24-inch pipe for the North Gate Pipeline arrived in November. **RIGHT:** Paula Miles, Engineer, examines an X ray of a weld for the North Gate Pipeline to ensure quality control.







The North Gate Pipeline, the 17.3 mile 24-inch transmission pipeline, will be a triple gateway for CPS when it is completed in late spring. It will open the door to expand gas service in northern Bexar County, encourage more natural gas suppliers in the future and ensure continued reliability and stability of San Antonio's vital gas distribution system.

For the past 25 years, the 48-mile outer gas loop has distributed gas to San Antonio homes and businesses through 3,708 miles of gas main from two delivery points on Foster and Pearsall roads in southern San Antonio.

Now, CPS will have a transmission line to connect the gas system to a third delivery point to the north, tapping into two additional pipelines — Valero and Oasis.

The North Gate Pipeline will extend from the existing CPS 24-inch outer loop line on Bitters Road near Blanco, north along Blanco past Loop 1604, and then cut through open country to meet with the Valero 30-inch pipeline just north of Cibolo Creek. From there it will extend to the 36-inch Oasis pipeline at Highway 46 near Bulverde Road.

"The advantages of the North Gate Pipeline will be threefold," stated **Don Schnitz**, Manager of Gas Engineering and Fuels, Main Office. "CPS will provide gas service for the first time to the far northern portion of Bexar

County. In addition, it will give CPS an additional receiving point for gas and help maintain adequate gas pressure during an emergency situation."

The new gas line also has opened the way for other gas companies to compete in supplying CPS with natural gas, according to Schnitz.

The present gas supply contract with Valero expires on June 10. Valero for the last eight years has supplied 75 percent of the CPS natural gas requirements and has transported 25 percent for other suppliers, stated **Dennis Voges**, Superintendent of Fuels Division, Main Office.

The CPS Board of Trustees approved the timely completion of the transmission pipeline by late spring giving other gas suppliers the opportunity to bid for the new contract.

Presently, a gas contract is being developed which will allow Valero to supply 80 percent or more of CPS natural gas needs. Houston Pipeline Company will supply 15 percent or more of gas requirements through the Oasis

pipeline, which will soon connect with the CPS transmission line.

RDM Construction Company of San Antonio and the Woodson Construction Company of Lafayette, La., in a joint venture began the \$12.2-million construction project in September 1987. The first 13.3 miles linking the outer loop with the Valero line at the Cibolo Station was completed in February and the second four-mile stretch will continue northeast from the Cibolo Station to the Oasis Station on State Highway 46.

The new pipeline is 24 inches in diameter, like the outer loop, but the maximum operating pressure will be stepped up from 150 pounds per square inch (psi) to 931 psi, according to **Mike Kotara**, Engineer and chief planner for the project, Main Office. "The higher pressure is more efficient for transporting large volumes of gas over long distances, and it enabled CPS to keep the pipe and construction costs down by limiting the pipe size to 24 inches," Kotara stated.



**Mike Kotara**, Engineer and Chief Planner of North Gate Pipeline Project, (left) and **Ferdinand Kotzur**, Main Crew Foreman and construction inspector, watch a rock trencher break through rocky ground in northern Bexar County.

## North Gate Pipeline

Cathodic protection of the pipeline is being specified by Engineer **Paula Miles**, Main Office, who also wrote the specifications for the radiographical inspection of welds.

At the construction site, **John McGhee**, Welder, Mission Road Construction Center, inspects welds while pipeline construction is monitored by Chief Inspector **Robert E. Flynn**, General Foreman at the Northwest Service Center, and Construction Inspectors **Tommy Curren, J.A. "Sonny" Jones, Ferdinand Kotzur** and **Kenneth Mills**, Main Crew Foremen, Northwest Service Center.

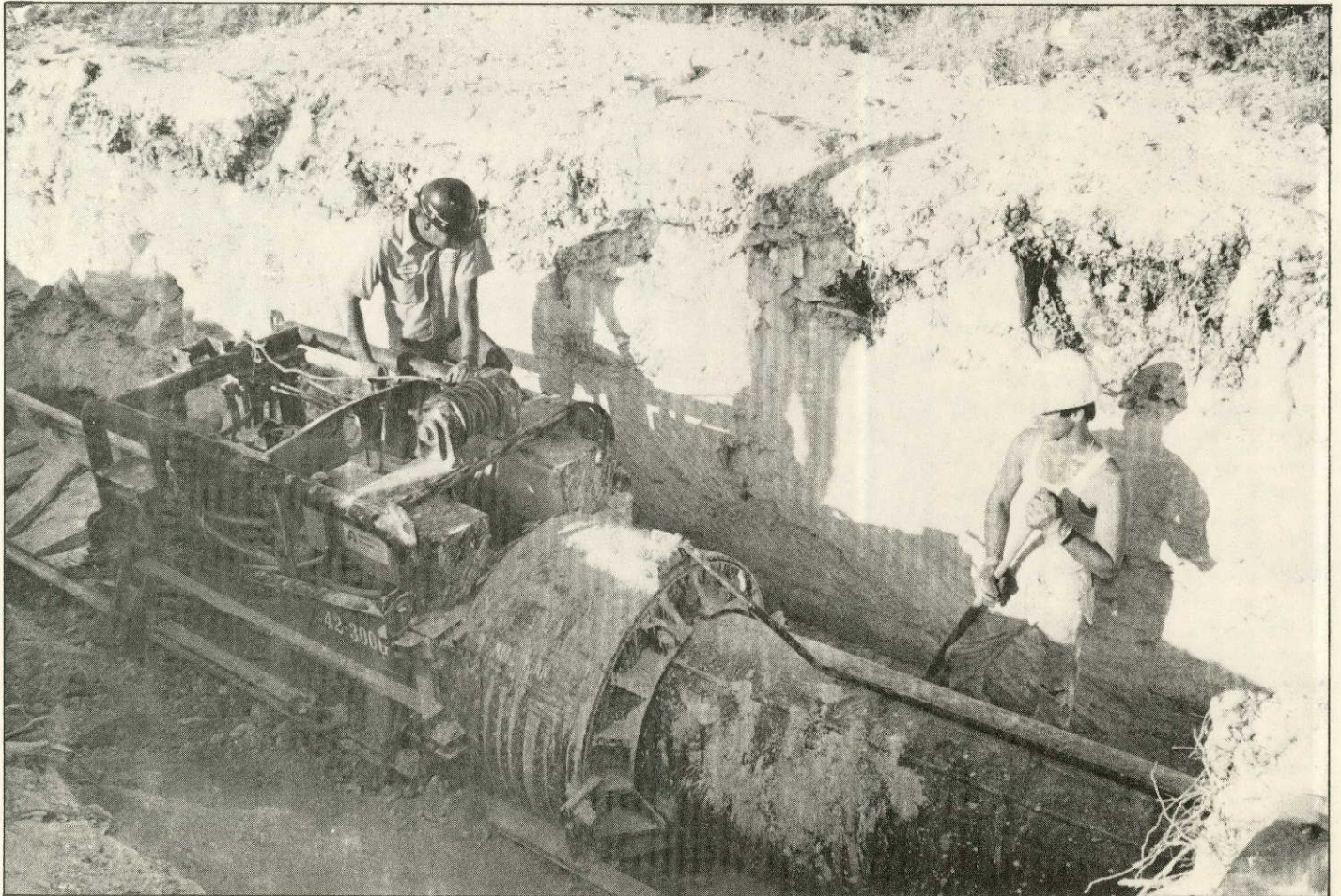
Valero is assisting CPS with the design of the Cibolo, North Gate and Oasis regulator stations. The construction for all three regulator stations will be awarded in March. CPS Engineers monitoring Valero's work include **Mark Werner, Kotara, Voges** and **Miles**, all of the Main Office.

Also working on the regulator stations design are **Wayne Tenney**, Operations Engineer; **Arthur Wilson**, Chief Communications Engineer; **Mike Vorndam**, Superintendent of Energy Control; **Gary Hitzfelder**, Chief Computer Engineer; and **Jerry Beavers**, Gas and Electric Operations Center (GEO) Computer Maintenance Supervisor, of Jones Avenue. The team is working out the communications mechanisms between the new pipeline and GEO.

GEO will regulate the new pipeline. System operators will be able to open and close valves and regulators which control gas pressure and gas flow.

The North Gate Pipeline will fortify the CPS gas system by providing a third city gate station, which will increase reliability. In addition, the pipeline will allow access to new gas supplies, thus helping to make the cost of gas more competitive now and in the future.

**Contractors prepare a trench for the installation of gas main. The drilling technique does not disturb trees.**



# Machine Demonstrates

## Electric Conductivity

Thanks to a team effort by a group at the CPS Jones Avenue facility, Public Safety Awareness Supervisor **Louise Rawlings** and Representative **Betty Williams**, Main Office, now have a new, extremely effective tool to demonstrate the power and dangers of high voltage electric lines.

Until recently, the Public Safety Awareness staff was using videotape of a high voltage demonstration unit to educate the public about the dangers of coming into contact with live power lines. Now, thanks to the ingenuity of the Jones Avenue team, CPS has its own demonstration unit, better known as the arcing machine.

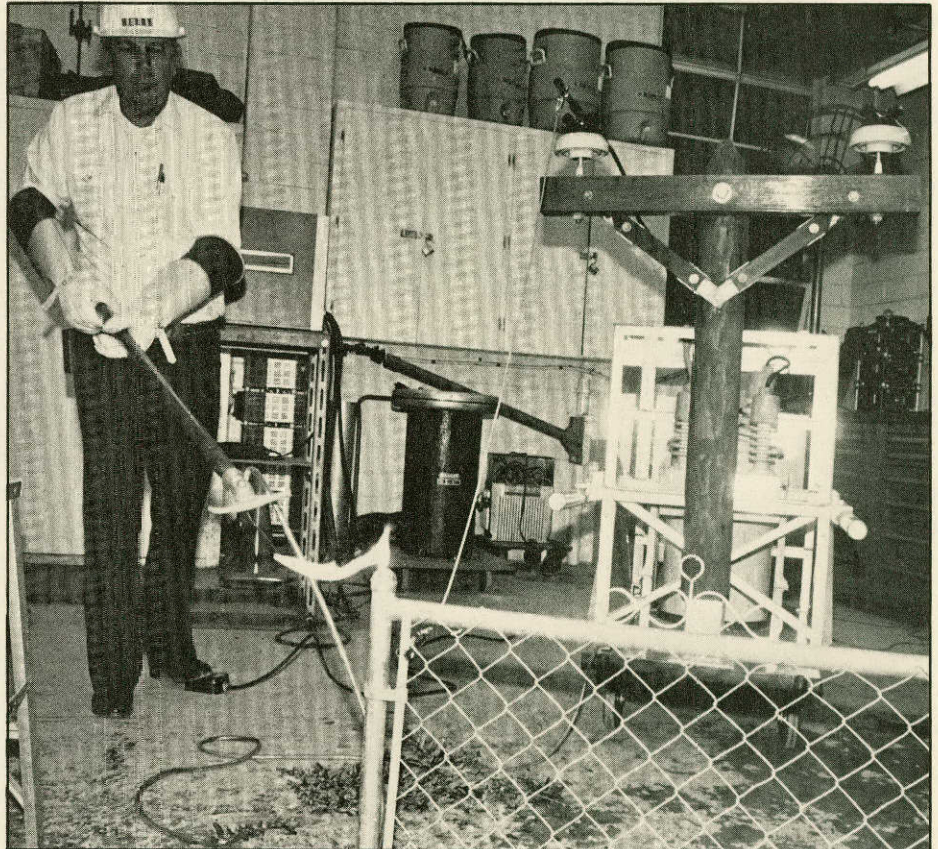
The demonstration unit, which is four feet high, two feet wide and five feet long, contains a 15-KVA transformer used in overhead residential distribution. A miniature utility pole with power lines illustrates the danger of coming into contact with high voltage. The unit produces 7,620 volts and generates a visible electric arc that demonstrates the electric conductivity of different types of materials — especially those materials not normally thought of as conductors of electricity. Kite strings and wooden ladders, for example, can become deadly conductors of electricity if contaminated by dirt or moisture.

"You'd be surprised how a moist, dirty kite string or a wet tree limb can conduct electricity," said **Bill Hasenbeck**, General Foreman, Substation Maintenance, who together with other CPS employees built the unit.

Based on the Dallas Power and Light and Consumers Power videotapes, along with written specifications of a similar unit built by Consumers Power in Jackson, Michigan, the CPS team designed and constructed a new, improved version of the demonstration unit, which also will be used to remind CPS linemen of the job hazards they face.

Added safety features of the unit include a plexiglass box which encloses the machine and insulates live parts. In addition, the arcing machine is turned on and off by a foot switch.

Experienced CPS linemen such as



**Aubrey Herry**, System Testing Supervisor, operates the arcing machine which illustrates the dangers of coming in contact with high voltage equipment.

**Steve Harmon**, **Joe Ramage**, **Gary Conaway**, **Ralph Ross**, of Jones Avenue, and others will operate the machine.

The team that designed and built the CPS unit included Hasenbeck; **Aubrey Herry**, Supervisor of System Testing; **Les Barrow**, Superintendent of Electric Operations; **Marlin Tanneberger**, Electrician Foreman; **Wes Bonecutter**, Electrician; and **Anthony Preacher**, Electrician Trainee.

The demonstration unit is mounted on a four-wheel dolly and can be moved easily. The Transportation Division of Salado Street under the supervision of General Foreman **Ervin Sells** built a secure, weatherproof trailer to house and transport the unit. Senior Mechanics, who worked on the project, included **Charlie Eisenhauer** and **Jack Krisch**.

## Minority Engineers

Attracting minority students to the field of engineering was the topic addressed by **Ralph Alonzo**, Customer Services Manager, Tower Life Building, recently at the National Science Teachers Association meeting in San Antonio.

The workshop/panel on attracting minority students to mathematics and science was sponsored by the National Urban Coalition. Alonzo, a graduate in civil engineering from Texas A&M, represented the San Antonio Alliance for Minorities in Engineering. Asked to present strategies for increasing minority participation and performance in science, he focused on how practicing minority engineers can serve as role models to help students choose careers in engineering.

## New Power Plant Contract:

# 4000 Pages of Specifici

When it comes to contracts, CPS can never be too careful. But with the 500 megawatt coal-fired power plant contract, CPS outdid itself. The new generating station will be built at Calaveras Lake by the consortium of Utility Engineering Corp., H.B. Zachry Co. and Combustion Engineering Company. The contract, signed on Jan. 20, guarantees performance and at the same time locks the \$440-million contract into a fixed price.

The turn-key contract is the largest and most voluminous contract document in the history of CPS. One complete set of contract documents consists of 12 books, each about three inches thick. The 4,000-page agreement took seven months to develop.

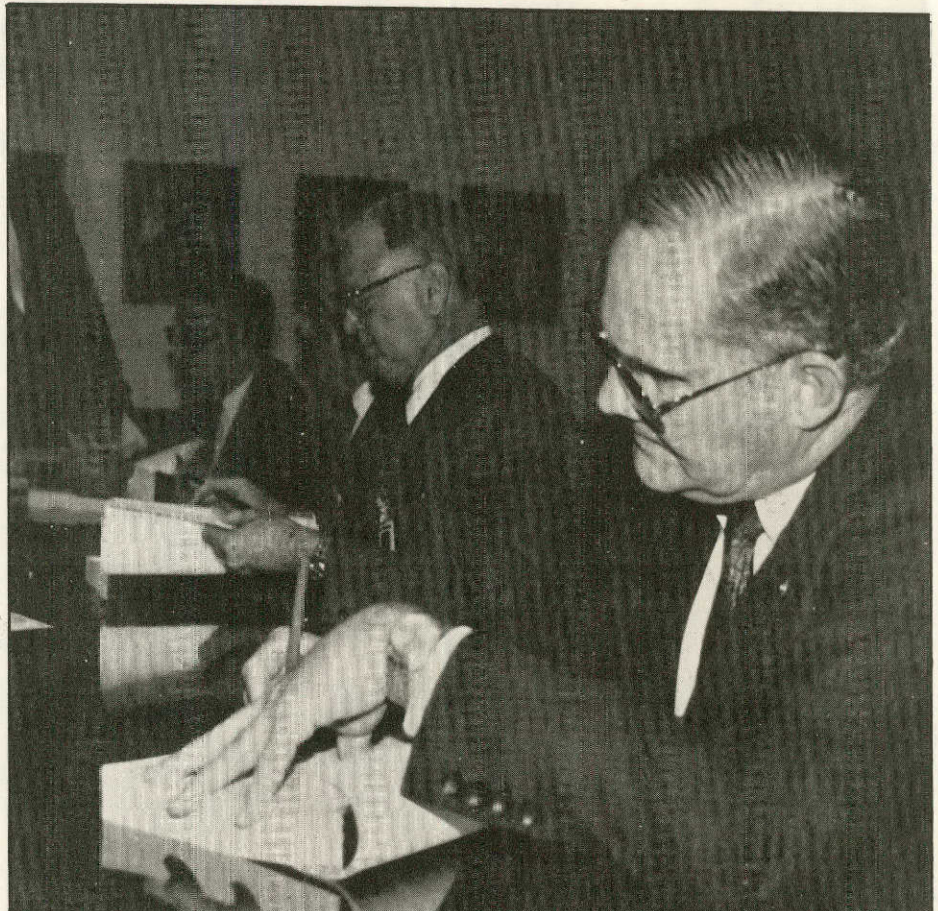
The document defines scope of work, scheduling, contractor's duties and responsibilities, equipment and material specifications, construction requirements, insurance and bonding and detailed engineering requirements.

Construction will begin Sept. 1 and commercial operation is expected in the summer of 1992.

"The turn-key nature and the magnitude of the project merited the time devoted to such a lengthy contract document. The document emphasizes quality and efficiency for all aspects of the plant (including equipment and systems), all of which has been defined in the scope of the work. Other top priorities stressed in the contract are materials and methods of construction. Since this is a fixed-dollar, lump-sum contract, the scope of work and services had to be specified in great detail. We wanted to ensure that our ratepayers will receive optimum value for the money expended on the project," stated **Warren Schattenberg**, Superintendent of Project Control, Power Plant Engineering Department, Main Office.

The contractor's responsibilities include designing the generating station, furnishing equipment and materials, constructing the facilities, start-up and testing to prove performance of components, individual equipment and the total plant.

Black & Veatch of Kansas City, the



On Jan. 20, General Manager Arthur von Rosenberg signed the 4,000-page contract for the 500-MW coal-fueled power plant to be built on Lake Calaveras.

project consultant, will furnish personnel to assist CPS in the task of monitoring the contractor's work. While the turn-key contractor is responsible for the total project, Black & Veatch personnel and CPS staff will work jointly to monitor engineering, procurement, scheduling, construction and quality control. CPS has reserved the right to review and approve all facets of the work. CPS will serve as the project manager, overseeing the work of both the contractor and the project consultant.

This state-of-the-art power plant will be fashioned after the Tolk Station, located in the Texas Panhandle region. The plant is owned and operated by Southwest Public Service Co. (SPS) of Amarillo, Texas. Utility Engineering Corp., the

engineering subsidiary of SPS that designed Tolk Station, is a member of the consortium hired to build the Calaveras #5 unit and will perform the engineering portion of the turn-key contract.

The power plant will differ from the other two coal-fired units at the Deely Plant most significantly in the equipment relating to air pollution control systems, according to **Joe Fulton**, Superintendent of Generation and Environmental Planning, Main Office. In the process of burning coal to create steam which turns the turbine, gaseous emissions containing such air pollutants as sulfur dioxide gas and particulate matter (fly ash) are produced.

The Texas Air Control Board (TABCO)

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and the Environmental Protection Agency set the allowable emissions levels for these pollutants. In the case of the Deely Plant, allowable emissions of sulfur dioxide are set at 1.2 pounds per million BTUs of fuel input. For new plants, allowable emissions will be half the level of the Deely Plant, which will be accomplished through use of a "scrubber." For particulate matter, the admissible limit at the Deely Plant is .1 pounds per million BTUs, while the limit for the new plant will be one third this amount. To meet TACB specifications, CPS will use a "baghouse," which is more efficient than the precipitator used at the Deely Plant.

The pollution control devices will result in the production of solid wastes.

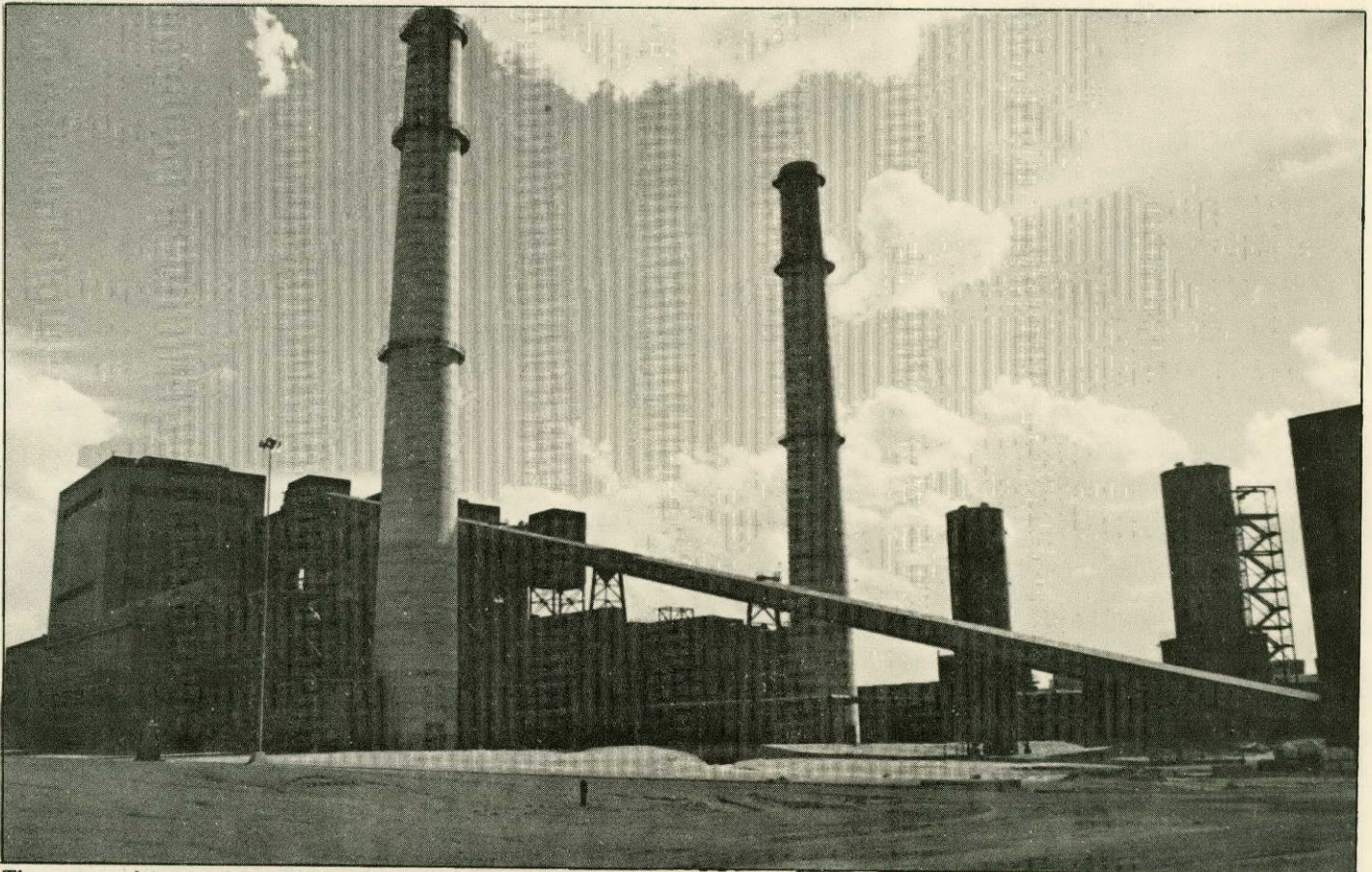
The scrubber turns sludge into gypsum, which can be converted into wallboard, a material used by building contractors. The fly ash produced by the baghouse is a useful additive for cement. Fly ash from the Deely Plant is sold to local cement companies.

The contract provides many rights and safeguards for CPS. For example, the contractor must post a \$150-million performance bond. In addition, CPS has the right to review and approve drawings and technical detail, as well as to approve or reject subcontractors chosen by the contractor. CPS will monitor and inspect the work, reject defective work, interpret the contract documents and withhold as liquidated damages the

retainage of \$22 million for an additional period of time equal to unexcused delays in plant completion.

In addition, the agreement stipulates a \$5-million contingency fund to be used solely by CPS in the event additions to the contract are needed.

The contract was developed through the joint efforts of individuals from the following firms and departments: Burns & McDonnell, Consultants; Black & Veatch, Project Consultants; Matthews & Branscomb, CPS Legal Counsel; CPS Power Plant Engineering Department; CPS Production Department; CPS Contracts Administration; CPS Legal Staff and CPS Generation and Environmental Planning Staff.



The proposed power plant will be fashioned after the Tolk Station, pictured above. This state-of-the-art generating station, located in the Texas Panhandle, is owned and operated by Southwest Public Service Co. of Amarillo, Texas.

**The quick fix...and the master makeover**

# Efficiency and Economy at

"The difficult we do immediately. The impossible takes a little longer," says the old Army Air Force slogan from World War II.

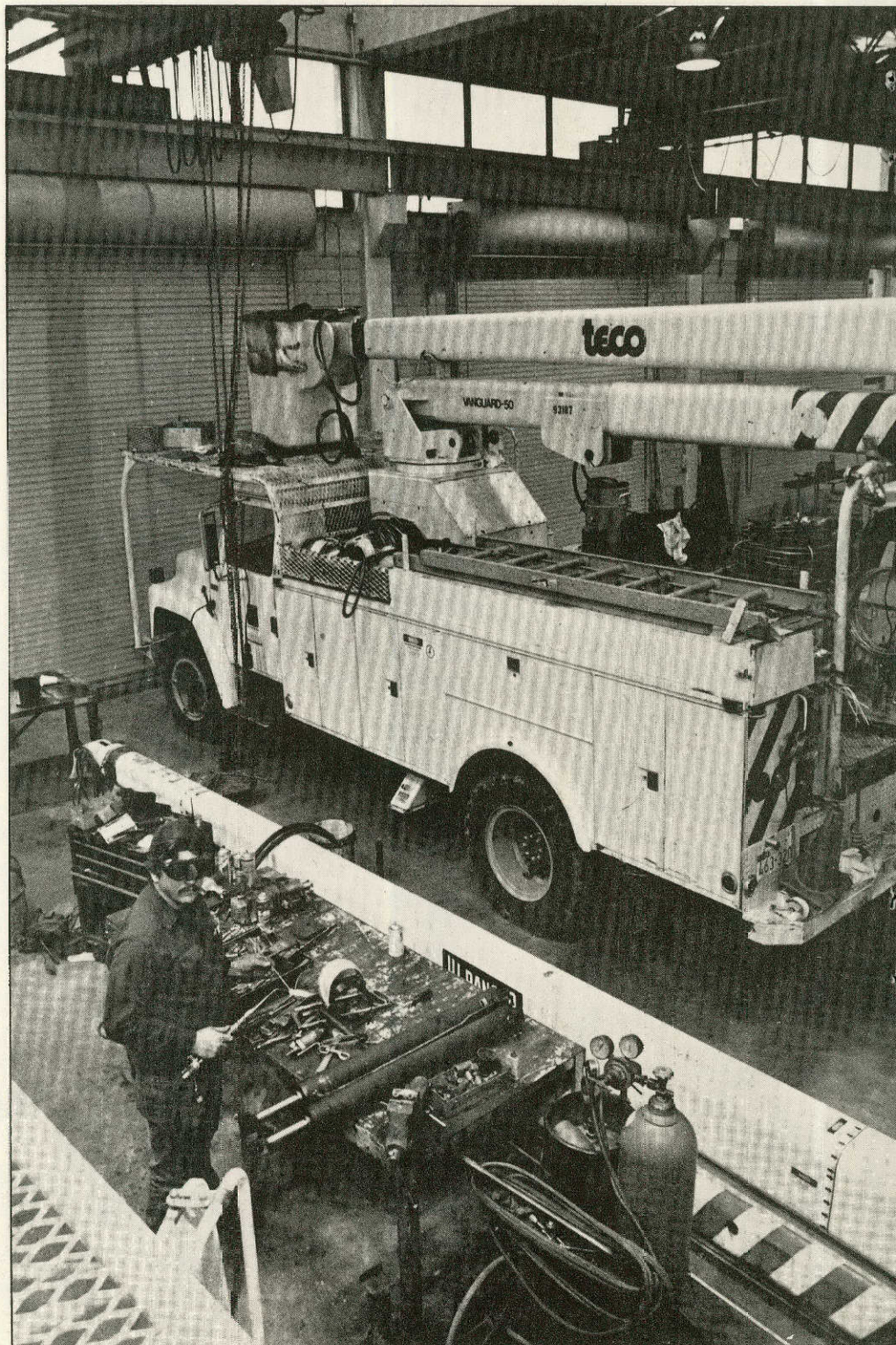
That's the way it is at the Salado Street Garage, where 66 mechanics, car washers, truck drivers and pre-paint men work night and day on major repair and routine maintenance of some 1,800 CPS vehicles.

And that's not all they do, by a long shot, according to General Foreman **Ervin Sells**. Much of the brand new equipment must be adapted to CPS needs even before it is put to use.

For instance, the more than 36 compact buses used in gas meter service must be outfitted with gas meter cabinets, tiedowns, plyboard floors and rubber mats. "Headache" racks, which protect drivers from falling objects, and hot stick boxes are added to aerial baskets trucks — to name a few modifications.

New Hi-Rangers (aerial manlifts) cost \$47,000. We rebuild them here for less than a fourth of the cost," said Sells. "Currently we have 24 new trucks — cab and chassis only. We will remove the existing bodies and aerial manlifts from the old trucks and then install them on new cab and chassis. The aerial manlifts are completely overhauled before being installed. The old bodies are re-worked, and rusted out metal is replaced. Bin doors are made in our metal shop to replace doors which are damaged or rusted out. The bodies are completely cleaned, sanded and painted in our paint shop."

Sometimes the job is too difficult for existing machinery to handle, so the mechanics will create something new to accomplish the task. "Jaws II" — the largest of 34 rock saws — is a case in point. It started as a backhoe, to which were added cutter wheels and a diesel engine with a separate hydraulic system to power the cutter wheels. An engineer from the manufacturer helped CPS mechanics put the machine together, cutting labor and material costs by \$40,000. Jaws II is used for the more formidable digging in rock north of San Antonio.



Senior Mechanic Curtis Tondre does a routine three-year overhaul on a Hi-Ranger aerial manlift.

# Salado Street

by Pat Curtis



Senior Mechanic Charles Eisenhauer makes a current transformer cover, which protects the device which registers amperes and transfers consumption to meters.

"New ideas and better ways of getting the job done are encouraged," Sells stated. "The mechanic works with the shop foreman, who keeps me informed. Equipment changes or modifications, however, must be approved by the manufacturer."

Special-application trailers are expensive, so they are built at Salado Street. Right now the Salado Street crew is building one for hauling mowing machines and tools for the maintenance section at Jones Avenue. Also in the works is a trailer to haul the asphalt roller for the Southwest Center gas crew.

"From day to day we are involved in rebuilding or fabricating parts for equipment rather than replacing them at a much greater cost. For example, a backhoe boom was broken in half on the job. The boom was ground at the break, realigned and welded together. Reinforcement plates were fabricated and welded in place, making the boom as strong as new. The repair done at the shop cost \$580 for parts and material. A new boom would have cost \$3,200," commented Sells.

Recently, aluminium current transformer (CT) covers, used to protect the device which registers amperes and trans-

fers consumption to meters, were being stolen. A quick call to Salado Street produced 50 in two and a half days at an estimated cost of \$35.85 each. The new covers are made of less expensive steel. (Vendor cost would have been almost double and delivery time, more than three weeks.)

Sells, who worked his way up from Night Garage Helper in 1963 to General Foreman four years ago, is in charge of not only the main garage at Salado Street, but also the almost 100 employees in the other six garage service centers. He has a keen appreciation for good mechanics.

"From working so closely with the vehicles, the mechanics often know more about them than the factory representatives," Sells said. "Our crews are real craftsmen, very informed and do a tremendous job for CPS. They work well together. The work flows...."

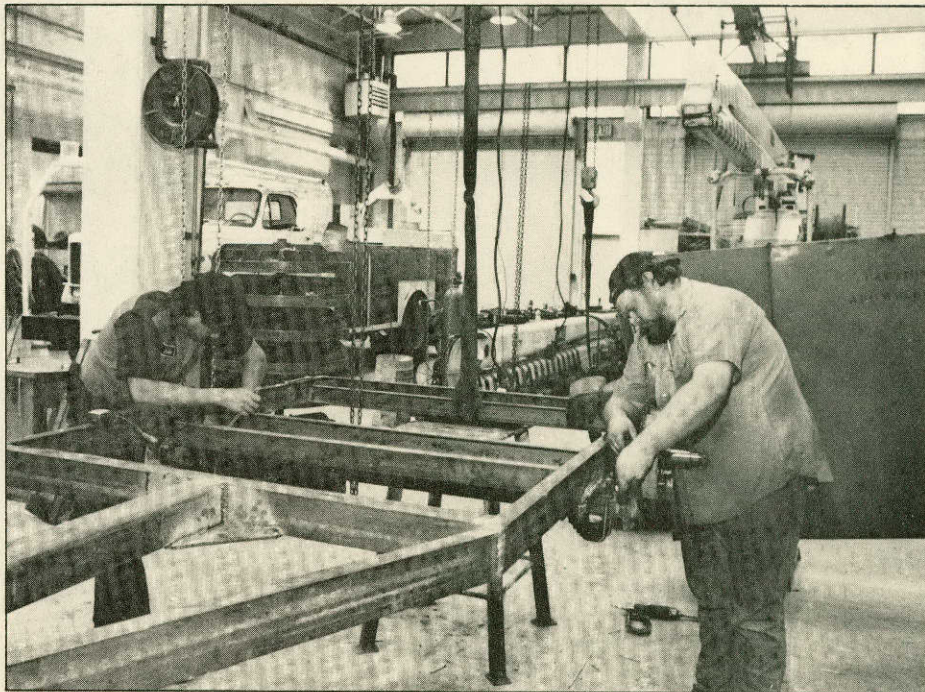
Director of Transportation Joe Keefe added his praise. "We have received many compliments from various manufacturers on our personnel's craftsmanship and their pride in turning out work which is often as good as, or superior to, the

original manufacturer's finished product."

Of the many improvements at Salado Street in the last year or two, Sells said, "The new tools and equipment and a new shop have really helped out. But there is also a lot of work keeping equipment in service, replacing it and changing it over. And we can't tie equipment up, but must schedule repairs and overhauls to keep the jobs going."

And that's the way it is at Salado Street. They keep the wheels rolling so that things get done as quickly, efficiently and inexpensively as possible.

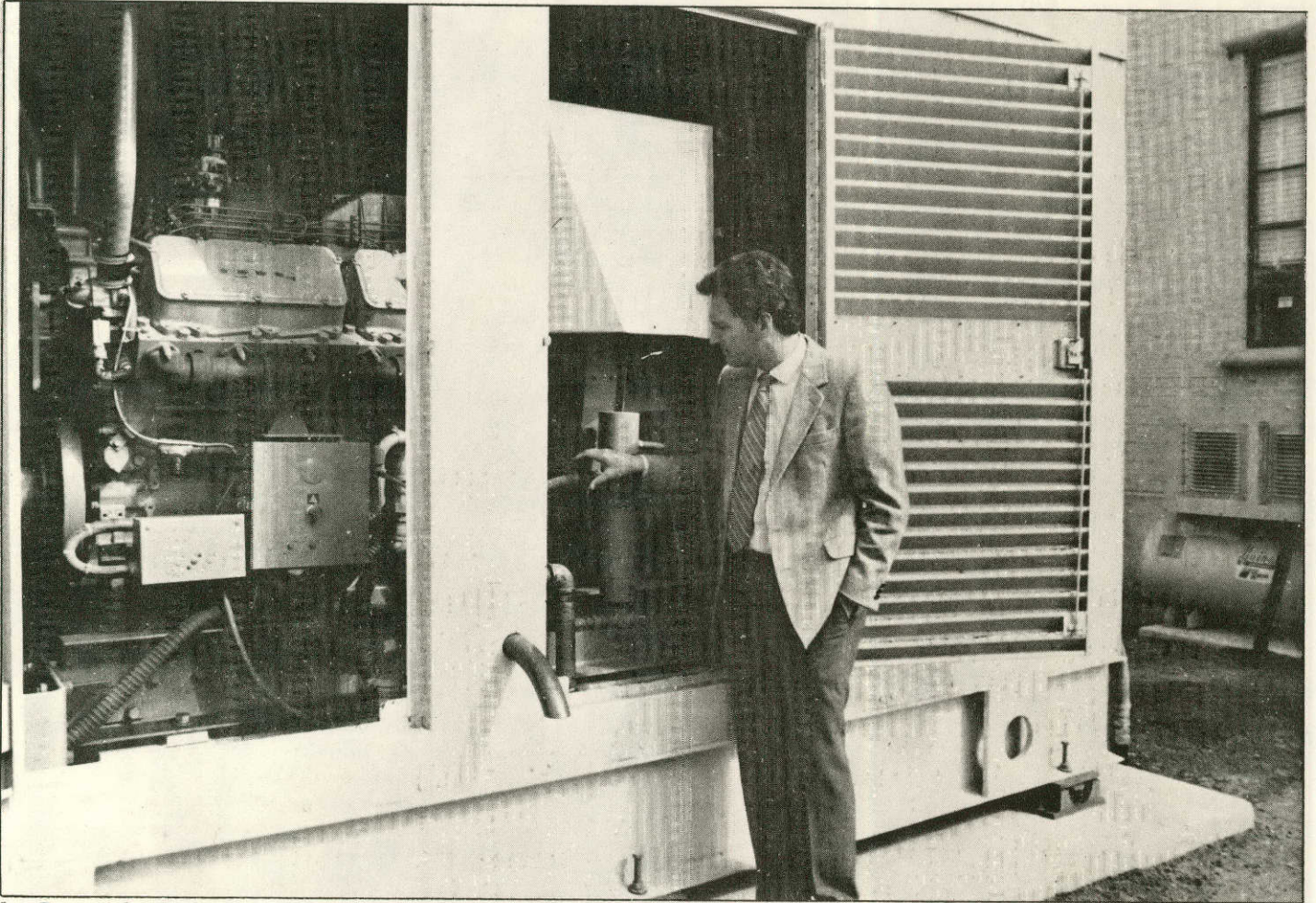
(Note: Sells works with two Assistant General Foremen: **Don Coonradt** and **Vernon Rietz**, Salado Street. Other Shop Foremen include **Larry Basinger**, **Jesse Felix** and **Larry Voigt**, Salado Street; **Ed Boehme**, Eastside Center; **James O'Rourke**, Southwest Center; **Keith Coble**, Deely Plant; **Armando Jasso**, Mission Road Construction; **Rudy Stappenbach**, Northwest Center and **Ken Miculka**, Jones Avenue. **Ed Bednarz** from Salado Street is Relief Shop Foreman.)



Garage Trainee Danny Martinez (right) and Senior Mechanic Norban Jacobson build an asphalt roller trailer for the Southwest Service Center.

## Scene at CPS

# Uninterrupted Power at GEO



Les Barrow, Superintendent of Electric Operations, inspects the newly-installed backup generators for the Gas and Electric Operations Center.

Try to imagine how CPS ever functioned without computers. For example, those at the Jones Avenue Gas and Electric Operations Center (GEO) monitor and control CPS gas and electric systems throughout the company's service area. With a few key strokes, system operators can check, record, analyze and correct operations which before 1972 required a person in the field.

Imagine what would happen if power to the Jones Avenue Building, which requires a load of 300 kilowatts, were interrupted. Designers of the control center were well aware of the consequences

and provided for a backup source of power. Thus, if normal power is lost, batteries provide backup electricity to the computers until a diesel-powered backup generator takes over to power the entire control center.

"If we can't monitor equipment and restore power through the computerized center, we lose control of the system," said **Les Barrow**, Superintendent of Electric Operations, Jones Avenue. He recalls, "We had some trouble with the backup generator during the blackout of 1977."

As of January, GEO not only has a new 600-kilovolt ampere (KVA) diesel

backup generator to supply emergency power to the computer center, but also a new 600-KVA alternate generator for the backup generator.

The two generators, along with new switchgear, cost about \$1.2 million and assure the GEO center an uninterrupted power supply. Batteries in each substation can power the remote control backup equipment at GEO. Thus, if a major outage occurs, the entire GEO system will continue to function, minimizing the time necessary for power restoration, according to Barrow.



# Scene at CPS

## Woman Gas Operations Trainee

Common sense, the will to work and the desire to learn are three of the most important traits a Gas Operations Serviceman can bring to the job, says **Martha Carnes**, Senior Gas Operations Trainee, Eastside Service Center. Carnes is the first woman to hold this position at CPS. Experience, tact and patience are also valuable assets, Carnes adds.

**Lonnie Icke**, General Supervisor of Gas Operations, Eastside Service Center, would add to the list of vital traits the ability to get along with and handle people, as well as a family that understands shift work. Carnes, he said, is doing a fine job in all areas.

Carnes, a senior trainee, is one notch below the present 38 servicemen positions. Servicemen perform a variety of services on customer premises, including connecting and disconnecting gas and electric meters, rebuilding gas meter installations and repairing leaks on CPS gas meter facilities. Other services include inspection and adjustments to piping and lighting, as well as customer appliances. Servicemen also investigate customer complaints such as gas leaks, pressure problems and high bills.

Carnes joined CPS in 1982 as an accounts payable clerk. A little more than two years later, she decided to apply for a Gas Operations trainee position because, she said, "I like the outdoors and the challenge of change."



Gas Operations Trainee Martha Carnes checks a CPS meter for gas leaks.

She started her training in April 1985 at the Eastside Service Center.

Having now completed the 70 to 80 hours of classroom work necessary and a period of on-the-job training, Carnes will become an Apprentice Junior Journeyman when the next opening occurs. Currently, she puts in some 50 to 60 hours a week relieving servicemen who are ill or on vacation.

The hours are hard (Gas Operations Servicemen rotate shifts constantly and

are on 24-hour standby every 30 weeks) and the work is dangerous ("Gas is just like dynamite," says Icke). In addition to dealing with "dynamite," servicemen also must be able to deal with irate customers whose gas must be disconnected — not to mention unfriendly family pets.

Carnes' most memorable on-the-job experience so far is having her leg chewed on by a dog. But she is taking it all in stride. "I like dealing with the unknown," she said.

## Volleyball Champions



The CPS Servers volleyball team, sponsored by the Live Wire Club, recently won the Utility League championship, garnering a five-foot trophy and individual player trophies.

The newly-formed team remained undefeated at the tournament winning four matches over six teams from the City Water Board and a second CPS team, the Bombers, sponsored by the Better Service Club. The CPS Servers, created in the summer of 1987, mastered a record of 12-2 during the season.

Team members included **Kai Brougham**, Junior Engineer; **Mark Codd**, EEO Analyst; **Annette Kemp**, Tester I; **Jay McGuffin**, Machinist

Trainee; **Randy Nelson**, Apprentice Machinist; **Barbara Reddy** and **Carla Tinkle**, Junior Engineers and **Stanford Torvik**, Project Engineer. Other players included David Reddy and Marsha McGuffin, players' spouses and Sandy Nelson, player's sister.

CPS employees interested in joining the volleyball team can contact **Rick Putnicki**, CPS Conference Leader and sports coordinator at Ext. 2435.

# Scene at CPS

## Gas Service to Sea World



CPS completed the installation of gas facilities in February to Sea World of Texas, the marine life park which is expected to open on Memorial Day. Some 8,800 feet of eight-inch main were extended from a distribution point on Potranco Road to Sea World, located in west Bexar County 13 miles from downtown. When in operation, the aquatic life park will receive 28,000 cubic feet of natural gas per hour. In the picture to the left, Southwest Center Service Crew Foreman Larry Burell (left) and Gas System Planner Gerald Groff check specifications for the gas meter and regulator serving Sea World. Crew members included Service Pipeman Martin Buentello, Crewman I Antonio Tristan and Utility Workers Manuel Alvarez and James Little.

## Savings Bond Drive Approaches

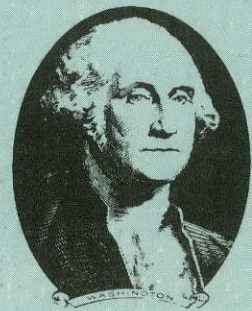
CPS employees are invited to purchase U.S. Treasury Savings Bonds at a 7.17 percent interest rate during the annual CPS drive from March 21 through April 1, according to **Dudley Kohler**, Research Analyst, Main Office, and savings bond campaign coordinator.

Bonds, which are guaranteed at least a 6 percent interest rate, reach maturity after 12 years. However, they can be cashed in after six months. No federal tax is paid unless bonds are withdrawn.

"The U.S. Savings Bond drive is a service to employees who would like to invest their money. The interest rates are better than in a bank savings account and bonds are purchased for 50 percent of the face value. In addition, no federal tax is paid unless bonds are withdrawn," stated Kohler.

Employees may purchase a \$100 minimum and \$30,000 maximum for 50 percent of the bond's face value. Bonds can be bought through a payroll deduction plan with a minimum of \$10 for five months. This payment will be taken out of the second pay check in the month.

Savings bond representatives will contact employees during the campaign. Last year, 583 employees bought savings bonds.



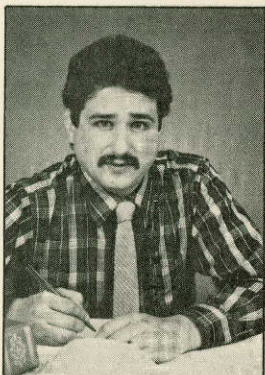
Portrait  
of a  
Great  
American  
Investor

**U.S. SAVINGS BONDS**

1-800-US-BONDS

# Scene at CPS

## Outstanding Student



**Raul Cardenas** has been named by San Antonio College to the College Board Talent Roster of Outstanding Minority Community College Graduates on the basis of high grades, ethnic origin and intent to enroll in a four-year college or university.

Cardenas is a Clerk III in the Forecasting and Revenue Requirement Section of the Financial Services Department, Main Office. In the evenings, he has been carrying six to nine hours a semester at SAC, studying accounting and information systems with an eye to getting a four-year degree in business administration from UTSA.

With his associate degree from SAC firmly in hand this December, Cardenas is ready to tackle the last two years — and perhaps an advanced degree. "Who knows," he says, "It depends on how my wife and two girls, Jessica and Jennifer, feel about it. So far, they have been very supportive."

Cardenas came to work at CPS two years ago as a Clerk in the Printing Division. He moved up to his present job last year. A five-year stint in the Navy (1975-80) enabled him to go to college under the GI bill. "When that runs out," Cardenas says, "I'll take advantage of the CPS Tuition Program to finish."

## 8th Floor, Main Office

by Norma Puente, Ext. 2053

**Sue Evans** visited with her family in Ohio for the Christmas holidays.

## 5th Floor, Main Office

by Leslie Lally, Ext. 2599

**Jerry Groff** killed a six-point buck at **Jim Neumann's** ranch in Atascosa County. Fortunately, Groff got to it before Neumann did. He might not be asked back.

**Margarita Regalado** is proud of her little girl, Paulette, 9, of Medina Valley, who is making straight A's...**Gene Duke** and his wife, Gloria, and daughter, Gina, traveled to Houston in December for his grandson's (Brandon) second birthday.

**Jeff Bielefeld** and some of his relatives are trying their luck at skiing for the first time in Keystone, Colo....

**Hector Torres, Richard Rodriguez** and **Debbie Flores** were part of the team winning third place in the City Water Board Volleyball League.

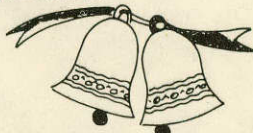
**Chris Retzloff** enjoyed a day in the spotlight recently when he and his VICA debating team from Madison High School were recognized at the State Capitol for placing second for three consecutive years in national competition.

## Eastside Center

by Mary Ann Wilson, Ext. 4519

General Supervisor **Lonnie Icke** was recently recognized with an Exemplary Citizen Award from the local chapter of the Associated Plumbing, Heating and Cooling Contractors for his contribution to the safety of the public.

## Wedding Bells



Best Wishes to:

### Main Office

- **Anita and Abe Parazo.**
- **Judy and David Thomas.**
- **Faye and Richard Reyna.**
- **Joann and Jesus Javier Moreno.**
- **Karen and Richard Gee.**

### Tower Life Building

- **Catarina and Antonio Estrada.**
- **Michelle and Gary Laskowski.**

## Williams Witnesses San Antonio Needs



"It's very emotional. You see firsthand how community members need the services," stated **Lillie Williams**, Systems Analyst, Main Office, and 1988 United Way Loaned Executive for CPS.

"During my training as a Loaned Executive, I became familiar with the case of a teenage girl who had been sexually abused by her father since age eight. She told her boyfriend and her boyfriend's parents contacted Youth Alternative, which gave the girl a shelter and a new start.

"You cannot walk away and pretend you never saw such cases. It surfaces while you are talking and you transmit this message in hopes that your audience will feel the same and want to help."

Williams says she received very positive responses from the groups she spoke to. A typical day usually involved four presentations before audiences as small as four or as large as 200.

A program analyst at CPS since 1978, Williams' present duties at work include training coordinator of systems analyst.

Williams holds a math degree from St. Mary's University. Prior to coming to CPS, the Program Analyst taught math and later data processing at St. Philip's College.

# Scene at CPS

## 3rd Floor, Main Office

by Bill Loftin, Ext. 2606

**Guy and Ginnie Halter** had a two-week vacation. They visited Eureka Springs, Ark.; St. Louis, Mo.; Springfield, Ill.; Paducah and Bowling Green, Ky.; Nashville, Tenn. and Jefferson, Tex. Halter was especially pleased with the tour of Mammoth Cave near Bowling Green, since he is a spelunker at heart.

**John Prevette's** wife, Karie, will attend UTSA in the spring to complete a business degree. Prevette, who is a graduate of the University of Nebraska, has a degree in electrical engineering.

## Customer Service

by Barbi Hernandez, Ext. 2516

Best wishes to **Dana Jarzombek** on her engagement to Robby Fleming... Newlyweds **Theresa** and **John Horton** have purchased a new home located on her parents' estate.

**Fred Haas** went hunting in Wyoming for 10 days, but the only thing he ended up hunting was the horse that bucked him off on the first day. He spent 10 hours finding it.

## Mission Road Customer Center

by Milton E. Randle, Ext. 4739

**Bill Brown** has become a utilities representative on the Executive Board of the Illuminating Engineering Society. Former president of the New Braunfels Utilities Board, Brown attended the recent ground breaking ceremonies for the new Canyon Hydroelectric Project.

CPS, the Illuminating Engineering Society and the Building Owners and Managers Association sponsored a commercial lighting seminar recently... **Binky Gardner's** daughter, Brenda, wed Craig Hurta at St. Marks Methodist Church.

**Charles Neumann** recently received the news that his daughter, Jennifer, is a National Merit semifinalist. Jennifer plans to attend Texas A&M.

## Meter Reading

by Norma M. Lopez, Ext. 4354

Customer Services Manager **Ralph Alonzo**, accompanied **Alex Villafranco** on a meter reading route...**James Woodcock** and **Gary Rawlings** recently enjoyed a fishing trip to Falcon Lake... **Alfred Trevino** is proud of the eight-point buck, the eight-inch turkey, and the doe he brought back from a recent hunting trip to Atascosa County.

## Telephone Contact

by Patricia Herrera, Ext. 4437

**Pete Bernal** was selected as a member of the Chairman's Club in the San Antonio Greater Chamber of Commerce...**Loren Friesenhahn's** name was drawn for this year's fire arms hunt at Aransas National Wildlife Refuge.

**Carol McClellan** visited with her daughter in Maryland...**Phyllis Wisdom** enjoyed her trip to New Orleans...**Gaye Tanner's** husband, the Reverend Wilburn G. Tanner preached his first sermon at the Macedonia Baptist Church.

## 9th Floor, Main Office

by Mona Flores, Ext. 2104

The 9th Floor basketball team coached by **Alfred Bibles** is practicing hard. The Downtown Hawks team consists of **Nick Arellano, Ted Arcos, Alvin O'Neal** and **Pete Olivares**. They are playing Tuesdays through February at the Woodlawn and San Fernando gymnasiums.

**Archie** and **Armando Garcia** recently moved into their new home...Amistad Club members **Sam Dotson** and **McKinley Floyd** had a great time at the Dallas Cowboys game.

**Bill Lieber, Pete Olivarez, Oscar San Miguel** and **Jim "Hammer Head" Dudek** brought back a total of 60 lbs. of fish fillets on a recent fishing trip.

## Jones Avenue

by Rosemary Fanner, Ext. 3237

Retired employee **David Arteaga** has been spending his time fixing his home. He is also the proud owner of a 1988 LTD Crown Victoria.

**Ray Beck** had an exciting Christmas. He received six bottles of aftershave.



Telephone Contact Clerk **Betsi Armistead** (third from left) and Consumer Education Representative **Diana Gray** (right) recently presented a \$275 check on behalf of the Better Service Club (BSC) to **Marlene Rounsaville** (left) and **Paula Whipkey** of Morning Star-Working Dogs for the Handicapped. The money was raised at a BSC family picnic dunking booth and raffle.

# Scene at CPS

## Welcome Aboard

Welcome to the following employees:

### Materials and Transportation

**Daniel Martinez** and **Jeff B. Partida**, Garage Trainees; **Olga Boysen**, Clerk I; **La Princess Ann Solis, Jr.** Buyer; **Peggy Jenschke**, **Rosemary Loreda**, **Brenda Rice** and **John Jefferson**, Utility Workers.

### Customer Services

**Jeff Wilson**, **Irma Flores** and **Dawn Giddens**, Meter Readers; **Melissa Hardt**, **Katherine Vela** and **Elizabeth Perez**, Clerks I and **Ricardo Lopez**, Engineer.

### Operations

**Robert Opeila** and **Brian Knox**, Utility Worker; **Angel Serna Jr.**, Communications Tester I and **Eugene Trevino**, Computer Tester I.

### Construction

**Josie Ramos**, **Emilio Ortiz**, **Elsa Nava**, **David Danysh**, **Yolanda Alvarado**, **Rodney Vollmer**, **Rosa Flores**, **Matthew Witherell**, **Albert Schmidt**, **Jeffrey Juarez** and **Jay Maddox**, Utility Workers.

### Public Relations

**Sandra Brown**, Publications Writer.

### Gas Engineering and Fuels

**Rhandi Foster**, Clerk I and **Raymond Navarro**, Draftsman I.

### Financial Services

**Kirsten Scott** and **Sonia De Leon**, Clerks I and **Sunil Patel**, Forecasting Analyst.

### Administrative Services

**Richard Mendoza**, Clerk I and **Judy Hill**, Kitchen Helper.

### Employee Relations

**Nydia Rodaniche**, EEO Analyst.

### Field Administration

**Eugene Alexander Jr.**, Utility Worker.

### Transportation and Distribution Engineering

**Ulrich Skerhut**, Engineer.

### Production

**James Saunar**, Utility Worker.

### Data Processing Services

**Deborah Kosub** and **Emily Huser**, Programmer Analyst and **Robert Romer**, Programmer.

## Up the Ladder

Congratulations to the following employees on their recent promotions:

### Customer Services

**Maria Price**, Contact Clerk I; **Deborah Buckaloo**, Unit Supervisor and **Tommy Ortiz**, Assistant Supervisor.

### Administrative Services

**Josie Davila**, Cook I.

### Transmission and Distribution Engineering

**Tracy McCuan** and **Stanley Spurkosky**, Principal Engineers; **Garil Allerkamp**, Distribution Planner and **Anita Parazo**, Secretary/Manager.

### Construction

**Humberto Chavana** and **Lucio Vidaurri III**, Electrician Trainees; **Louis Munoz Jr.**, Equipment Operator; **George Wright**, **Jimmy Alonzo** and **Rudy Escamilla**, Cable Splicer Trainees; **Eugene Langner**, Chief Clerk; **Benito Gomez**, **Tim Moore** and **Adolfo Barron**, Crewman I; **Howard Strahan**, Assistant General Foreman; **Gonzalo Garcia**, **Guadalupe Cantu**, **Garry Ball**, **Edward Simon**, **Raymond Robinson**, **Jose Castillo**, **Bill Wallis** and **Michael Gorhum**, Lineman Trainees; **Yvonne San Miguel**, Work Dispatcher and **David Sturgeon**, Heavy Crew Foreman.

### Operations

**Charlotte McCombs**, Janitor; **Ronald Schaefer**, Chief Engineer; **Juan Guzman**, Cathodic Reader and **Robert Becker**, Gas Trainee.

### Financial Services

**Yolanda Barron**, Investment Clerk; **Olga Cantu**, Clerk V; **Debra Rubalcava**, Inventory Accountant and **Theresa Martinez**, Supervisor.

### Materials and Transportation

**Patrick Pollok**, Senior Mechanic.

### Employee Relations

**Kenneth Gayle**, Safety Coordinator.

### Gas Engineering and Fuels

**James Martinez**, Surveyor II.

### Personnel

**Gloria Esquivel**, Data Control Clerk III.

### Production

**Paul Bricker**, Senior Machinist.

# Scene at CPS

## Retirements



**Policarpio M. Montoya**, Crew Leader, Braunig Plant, says that he's going to miss his friends at CPS after a 30-year career. A native of Floresville, Texas, Montoya started out as a Carpenter at the Mission Road Plant. He was promoted to Laborer and to Crew Leader in 1979. He and his wife, Benita, were married in

Floresville, and their four children graduated from Floresville High School. Montoya and Benita enjoy cooking and dancing and get-togethers with friends and relatives.



**Bertha L. Barth**, Receivables Accountant, Main Office, is retiring after 39 years at CPS. Barth began as a Steno Clerk in Customer Services. She subsequently moved up to Junior Secretary, Secretary, and Special Accounts Bookkeeper, before becoming Receivables Accountant in 1973. Barth and her husband,

Kermit, have a peach farm near Fredericksburg by the Pedernales River, where they will spend a good deal of time.



**Mariano I. Bryand**, Painter, Jones Avenue, started at CPS as a Laborer in Electric Distribution, moving up to Special Laborer, Utility Worker IV and Painter in 1979. He and his wife, Otilia, have six sons, Marcos, Mariano Jr., Juan, Daniel, Francisco and David. Otilia and Bryand share an interest in gardening and remodeling.



**Dudley W. Sanford**, Laboratory Analyst III, Sommers Plant, has worked with the CPS plant laboratories since 1953, when he started as a Lab Helper at Mission Road Plant. He was promoted to Lab Technician at Braunig Plant, then to Lab Analyst III in 1982. Active in the Boy Scouts and church work, Sanford's other interests include hunting, fishing, traveling and photography. He and his wife, Merriane, have two grown children, Diana and Dudley.



**Juan Nieto**, Operations Pipeman II, Mission Road Construction Center, began as a Laborer at the Southwest Service Center in 1956. He moved up to Pipeman I, then Pipeman II at Mission Road. Nieto was born in Liberty Hill, Texas, and married Micaela Martinez in Edinburg in 1948. They have eight children, Alfredo, Juan, Maria, Isabel, Sofia, Angela, Guadalupe and Anastacio.



**Eligio G. Castro**, Caretaker, Braunig Plant, came to work at CPS 32 years ago as a Laborer in the Power Department. He was promoted to Special Laborer, Utility Worker and to Lead Yard Man in 1979. He has worked at the Braunig Plant since 1968. Castro and his wife have seven children, Roland, Arthur, Ruben, Eligio Jr., Joe, Irma and Albert.



**Douglas Stockton**, Welder Foreman, Braunig Plant, began his career at CPS as a Welder Helper at the Mission Road Plant in 1954. Born in Mercedes, Texas, Stockton served three years in the U.S. Coast Guard following graduation from Harlandale High School. He and his wife, Doris Ann, have three grown children,

Jed, Diana and Julia. Stockton's interests include car racing, hunting and fishing.



**James A. Dowlearn Jr.**, Instrument Foreman, Deely Plant, signed on at CPS in 1954 as an Auxiliary Operator-Assistant Pumpman at Mission Road Plant, following a four-year stint in the Navy. He was promoted to Fireman Helper, Instrument Apprentice, then Journeyman and in 1974 to Foreman. Dowlearn's

hobbies include hunting, fishing, gardening, photography and cookouts. He has organized the annual coon hunt for 18 years and "will continue to do so."



**Milton E. (Binky) Gardner**, Supervisor of Office Services, Mission Road Customer Service Center, came to work at CPS 38 years ago as a Contact Clerk in the Commercial Department, New Business Section. He moved up to Residential Sales Representative, Commercial Sales Representative, Commercial

Supervisor at the Northwest Service Center, Lighting Specialist and Supervisor of the Credit Section and Offices Services before moving to Mission Road in 1986. He has been an active member of the National Association of Credit Management since 1967, serving as President in 1974-75. He also served on various committees of the St. Mark's United Methodist Church. He is a 1950 graduate of Baylor University. Gardner and his wife, Mary Beth, have two children, Bridget and Brenda.

# Scene at CPS



**Maurice E. Schulz**, System Operator III, Jones Avenue, is retiring after 40 years at CPS. He began as a Lineman Helper at Jones Avenue. Before becoming a System Operator in 1962, he was a Dispatcher. Born in San Antonio, Schulz graduated from Harlandale High School and served in the Navy during

World War II. He and his wife, Joan, have two girls, Janis and Jill. Schulz and Joan are looking forward to the tenth reunion of his former shipmates, which will be held in San Antonio this year.



**Marcel Quebedeaux**, Senior Engineering Technician, Main Office, has spent 33 of his 38 years at CPS in the Gas System. He began in the Night Posting Crew and was promoted to Draftsman in 1953, then to Engineering Technician and Senior Engineering Technician. A mathematics graduate of Trinity University,

Quebedeaux was a member of the Institute for Certification of Engineering Technicians, secretary of the National Association of Corrosion Engineers (NACE) and was two-year chairman of the Alamo Section of NACE. He is also a Ruling Elder in the Presbyterian Church. The Quebedeaux's interests include four grandchildren and Cajun cooking.



**Olen A. Surber**, Heavy Crew Foreman, Jones Avenue, signed on as a Lineman Helper in 1953. He moved up to Electrician Helper, Apprentice Electrician, Electrician, Electrician Foreman and to Heavy Crew Foreman in 1986. A native of Seymour, Ill., Surber served in the Air Force from 1950 to 1953 and later for 20

years in the Air Force Reserve. He lists hunting, fishing and traveling as his hobbies. Olen and Betty Surber have four grown children.



**Benny L. Sales**, Assistant General Foreman, Salado Street Garage, came to work at CPS in 1955 as a Garage Helper at Jones Avenue. He moved up to Mechanic, Garage Foreman and in 1987 to Assistant General Foreman at the Transportation Garage, Salado Street. Sales' hobbies include photography, music, wood-

working and leathercraft. When his wife, Betty, retires from school teaching this year, they plan a trip to Alaska.



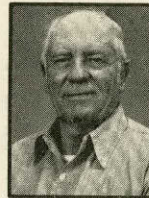
**Noble J. Green**, Senior Maintenance Clerk, Salado Street, has spent his 30-year career at CPS in the Materials and Transportation System at Salado Street. A San Antonian, he attended Harlandale High School and San Antonio College. He and his wife, Edna, have a daughter, Norma, and son, Kenneth. Noble is

the president of the La Coste chapter of Hermann Sons.



**John G. Newman**, Storekeeper II, Salvage, Tuttle Plant, signed on at CPS in 1952 as a Warehouseman at Jones Avenue. He went up the ladder to Storeroom Clerk, Foreman, Chief Clerk and to Storekeeper II in 1979. Newman was born in Cedar Rapids, Iowa, and attended Brackenridge High School in San Antonio

before serving four years in the Navy. His wife, Gwen, teaches school at Alamo Heights. Newman includes landscaping, fishing and cooking on his list of interesting things to do.



**Martin H. Baethge**, Mechanic, Salado Street, is a 30-year veteran at CPS, having begun as a Helper in the Gas Department. He was promoted to Mechanic in 1966. A native of Fredericksburg, Baethge attended school there and married a hometown girl, Aleene. They have four grown children, Jeanine, Steven,

Darryl and DeWayne. Baethge enjoys custom rifle building, hunting and fishing.



**Billy J. Clark**, Senior Mechanic, Salado Street, has worked at the Garage since 1958, when he began as a Mechanic Helper. Born in Bandera, Clark attended school there and following graduation, served in the Air Force until 1956. He and his wife, Barbara, have nine children, Sherry, Billy Jr., Tammy, Carolyn, Penny, Linda, David, Kimberly and Darla.



**Gerald T. Fitzsimon**, General Foreman, Braunig Plant, has been in Production throughout his 35 years at CPS, beginning as Operator Helper at the Leon Creek Plant. He moved up to Electrician Helper, Apprentice Electrician, Journeyman, Foreman, Supervisor and in 1982 to Electrical Maintenance General Foreman.

Fitzsimon graduated from St. Gerard's High School in San Antonio and served three years in the Navy before his employment with CPS. He and his wife, Frances, share an interest in RV camping, canoeing, fishing, traveling and hiking.



**Arthur D. Heye Jr.**, Supervisor of Sales and Planning, Tower Life Building, is retiring after 40 years at CPS. He began as a Clerk in Book-keeping at the old building on St. Mary's St. He moved up to Payroll Clerk the following year and then to Main Extension and Commercial Sales Representative, Senior Engineering Tech-

nician, Senior Rate Analyst and Supervisor of Residential Sales. In 1971, Heye was named Supervisor of Sales and Planning. A native San Antonian, Heye earned a bachelor of science degree at Trinity University in 1964. In addition to their three children, Sharon, John and Carol, Heye and his wife, Eleanor, have five grandchildren.

# Scene at CPS



**Jesus M. Tello**, Operations Pipeman II, Mission Road Construction Center, has been employed at CPS since 1956, when he came to work as a Laborer in Gas Distribution at Salado Street. He was promoted to Special Laborer in 1962, Leak Crew Pipeman in 1967 and Utility Worker IV in 1971. His latest promotion came in 1979.



**Imogene T. Foreman**, Data Control Clerk III, Main Office, came to CPS as a Clerk Typist in Engineering. She was promoted to Steno Clerk, and after a few months moved to Personnel as Junior Secretary, Secretary, then Data Control Clerk in 1973. A native of San Antonio, Foreman went to St. Mary's High School. She and her husband, Michael, were married in 1959. She will be enjoying some bowling and traveling in her retirement.



**Joe V. Garcia**, Instrument Man, Sommers Plant, has spent his 39 years at CPS in power plant work, starting as a Laborer at Mission Road Plant in 1949. He moved up to Special Laborer at Leon Creek, then to Designated Laborer. He was made Electrician Helper in 1966, progressing to Apprentice and Journeyman Electrician in 1974. Garcia was promoted to Instrument Man in 1981.



**Jesse Ramirez**, Salvage Repairman, Tuttle Plant, started his career at CPS as a Laborer in Electric Distribution and was promoted to Special Laborer in 1954. He transferred to the Electric Storeroom in 1962. Ramirez moved up to Utility Worker III in 1970 and Salvage Repairman in the old salvage shop at Salado Street before the Salvage Section was moved to the Tuttle Plant.



**Cleamont Ford**, Coal Yard Supervisor, Deely Plant, signed on as an Apprentice Ditcher Operator in the old Gas Department in 1959. He subsequently became Equipment Operator and two years later moved to the Construction Department. He was elevated to Coal Yard Supervisor, Production Department, in 1977.

## New Arrivals



Congratulations to:

### Eastside Service Center

• **Joel and Norine Jupe**, on their daughter, Stephanie Marie.

### Main Office

- **Ginette** and Steve **Ramirez**, on their son, Estevon Anthony.
- **Diana** and Frank **Matias**, on their daughter, Christina Lynne.
- **Nick** and Mari **Arellano**, on their daughter, Veronica Lynn.
- **Terumi** and Scott **Fausto**, on their daughter, Ashley Marie.
- **Leann** and John **Barta**, on their son, Nicholas Ezan.
- **Nancy** and **Roland Moreno**, on their daughter, Elise Marie.
- **Linda** and Richard **Urrutia**, on their daughter, Roxanne Michelle.

### Tower Life Building

- **Malinda** and David **Watson**, on their son, Timothy D-Wayne.
- **Yolanda** and Roland **Martinez**, on their son, Thomas Anthony.
- **Clay** and Mitzi **Kruse** on their first grandchild, Nicole Leanne.
- **Bill** and Peggy **Hartman**, on their grandson, Nicholas Scott.
- **Spurgeon** and Deborah **Busby**, on their son, Trenton Rai.

### Customer Service Center

- **Michele** and Michael **Siller**, on their son, Clayton Siller.

### Mission Road Construction

- **Douglas (Rocky)** and Janice **Rakowitz**, on their son, Jason.

### Salado Street

- **June** and Greg **Winters**, on their son, Wade Preston.

- **Joe** and Amelia **Weddel**, on their son, Joe Jr.
- **Orlando** and Dana **Gonzales**, on their daughter, Tashia Kyana.

### Mission Road Center

- **Kelley Henthorn**, on her nephew, Adam Christopher.

### Northwest Center

- **Alfred** and Sandie **Farias**, on their daughter, Andrea.
- **Steve** and Sherrie **Senft**, on their son, Shane Michael Snyder.

### Sommers/Deely

- **Debbie** and Doug **Lanford**, on their daughter, Lauren Nicole.
- **Ronda** and **Lonnie Reisdorph**, on their son, Taylor Lyn.



# Scene at CPS

## 10th Floor, Main Office

by Kathy Yates, Ext. 2069

**Anna Maldonado** reports that her son, Joseph, made the Junior Varsity basketball team, the Royals, at St. Paul's Catholic School.

## Salado Street

by Sharon Luther, Ext. 2436

**Tony Rittmann's** daughter, Debbi, graduated from Texas Tech in December with a degree in marketing management and a minor in advertising.

Carol and **Vernon Hester** recently celebrated their 19th wedding anniversary.

## Sommers Plant

by Ronda Reisdorph, Ext. 4611

Welder **John Shodrock**, is very proud of his son, Damon, who was selected San Antonio Stock Show Honor Youth. In 4-H, the Floresville Senior has held various positions and honors including 4-H District President and 4-H Gold Star Award recipient.

## Customer Contact

by Patricia Herrera, Ext. 4437

During evenings and weekends **Patti Schroeder** helps on the family-owned dinner train, Texas Southern. Schroeder takes pictures, does interior design and makes preparations for the train rides.

## 2nd Floor, Main Office

by Andrew Garcia, Ext. 2913

New faces here include: **Steve Mokry** in the URD Section, and **Raeleene Jannasch**, in Standards and Specifications. Both came over from the Tower Life Building. **Rhandi Foster**, Receptionist, is a new employee.

## Jones Avenue

by Rosemary Fanner, Ext. 3237

Retired employee **David Arteaga** has been spending his time fixing his home. He is also the proud owner of a 1988 LTD Crown Victoria.

**Ray Beck** had an exciting Christmas. He received six bottles of aftershave.

## Deaths

**The Broadcaster** joins other CPS employees in expressing deepest sympathy to:

- the family and friends of **William A. Howerton**, retired Manager of Gas Distribution. During his 39-year career at CPS, "Mr. Willie," as he was widely known, rose from Trolley Car Conductor in 1928 to Gas Distribution Manager. He retired in 1967.

- the family and friends of **James E. Veltman Sr.**, retired from the Operations Department in 1971 after 43 years of service with CPS.

- the family and friends of **David Rios**, General Operator and Repairman, Personnel Services Department, Main Office.

- Assistant Crew Leader **Victor Jimenez**, Mission Road Construction, on the death of his mother, Mrs. Rosa A. Jimenez.

- General Foreman **Jack Shelton**, Mission Road Construction, on the death of his mother, Mrs. Rita May Shelton.

- Warehouseman **James Littleton**, Salado Street, on the death of his father, Mr. Jay Littleton Jr.

- the family and friends of **C.K.**

**Jones**, who retired from the Engineering Department in 1962.

- the family and friends of **Kenneth E. Young**, who retired from the Construction Department in 1976.

- the family and friends of **Robert C. Russell**, who retired from the Customer Services Department in 1966.

- the family and friends of **Gilbert Lujan Jr.**, Draftsman in the Gas Engineering and Fuels Department.

- **Christina R. Baigen**, Clerk I, Tower Life Building, on the death of her brother, Dr. Carlos F. Rocha.

- **Victor Robledo**, Clerk III, Tower Life Building, on the death of his father, Mr. Antonio G. Robledo.

- **Lonnie Icke**, General Supervisor, Eastside Service Center, on the death of his mother, Mrs. Angela Mary King Icke.

- **Celestina Luna**, Custodian, Main Office, on the death of her sister Theresa Solis.

- **Patricia A. Wiatrek**, Junior Buyer, Main Office, on the death of her father, Mr. Steven Pruski.

- **Stanley Jefferson**, Cathodic Reader, Jones Avenue, on the death of his mother, Mrs. Pearl Jefferson.

- **Howard Freeman**, Assistant General Manager for Finance, on the

death of his mother, Mrs. Annie F. Freeman.

- **Raymond Voigt**, Sales and Planning Representative III, Tower Life Building, and **Lawrence Voigt**, Shop Foreman, Mission Road Center, on the death of their mother, Mrs. Ethel W. Voigt.

- **Orlando Gonzales**, Lead Janitor, Main Office, on the death of his father, the Reverend Orlando Gonzales Sr.

- **Alex Zogheib III**, Senior Financial Analyst, Main Office, on the death of his father, Mr. Alex H. Zogheib Jr.

- **Carl Ponzio**, retired Chief Construction Clerk, Southwest Service Center, on the death of his mother, Mrs. Irma Pisano Ponzio.

- **B.F. Bendele**, retired employee of the Operations Department, on the death of his wife, Mrs. Mary Bendele.

- **William Moeller**, Electrician Trainee, Mission Road Center, on the death of his mother, Mrs. Gracie Moeller.

- **Katheryne Johnson**, Clerk I, Tower Life Building, on the death of her brother, Mr. Johnny Moore.

- **Carmen Sanchez**, Administration Supervisor, Main Office, on the death of her father, Mr. Miguel Tristan.

# Spotlight on Service

**35  
Years**



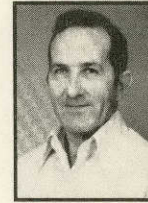
**Steve R. Molnar**  
Eastside Center



**Amasa L. Clark Jr.**  
Deely Plant



**Floyd Wallace**  
Main Office



**Michael Collins**  
Meter Reading

**25  
Years**



**Joe Ardila**  
Eastside Center



**Albert D. Mihalski**  
Deely Plant



**George D. Tipps**  
Mission Road Center



**Jeffrey W. Jowers**  
Tower Life Building



**Richard E. Buckelew**  
Main Office

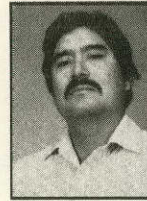
**15  
Years**



**Roger L. Williams**  
Main Office



**G.S. (Steve) Burck**  
Main Office



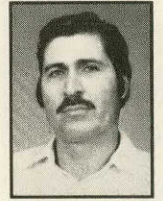
**Luis Ruiz Jr.**  
Northwest Center



**Arcelio G. Rivera**  
Northwest Center



**Olga R. Morales**  
Main Office



**Nicolas T. Hernandez**  
Mission Road Center



**David L. Spahn**  
Eastside Center



**Allie H. Thomas**  
Tower Life Building



**Juan J. Meza**  
Northwest Center

**5  
Years**



**Irene C. Ramos**  
Main Office



**Alice M. Byrom**  
Salado Street



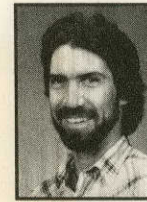
**William E. Christian**  
Deely Plant



**Edward Torres**  
Main Office



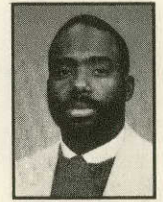
**Beverly A. Rennspies**  
Main Office



**David A. Kocian Jr.**  
Northwest Center



**Anthony J. Biela**  
Eastside Center



**Spurgeon Busby Jr.**  
Tower Life Building

# The Broadcaster

...published for the employees and retired employees of City Public Service and their families.

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# Remember When...

## 1973

- protests were lodged with Coastal States Gas Producing Company following a series of gas curtailments November through January? Six million gallons of fuel oil were brought in by tank trucks at a cost of more than \$780,000 to keep CPS power plants generating.

- CPS acquired the new UNIVAC 1100 Multiprocessor System computer? Existing equipment was then seven years old and had reached its maximum capacity.

- the first 345-KV Auto Transformer arrived at Skyline Substation? The unit was shipped by special railcar from Indiana.

- Trustees approved construction of the Mission Road Center? It would bring together personnel housed at Salado Street and Jones Avenue.

## 1978

- the second customer service center was opened next to Mission Road Plant? There are now four, including the Eastside and Westside centers.

- the first unit of the Deely Plant was in operation, burning 5,000 tons of coal daily? The second unit was nearing completion, and railcar maintenance facilities would be ready for operation soon thereafter.

- Telephone Contact Representative **Maxine Flynn**, who retired with 27 years of service, had answered more than half a million customer calls?

- CPS personnel presented more than 1,600 utility-oriented programs during 1977? The Consumer Information Division under the direction of **Jack Thornton**, Superintendent, presented the majority of the programs.

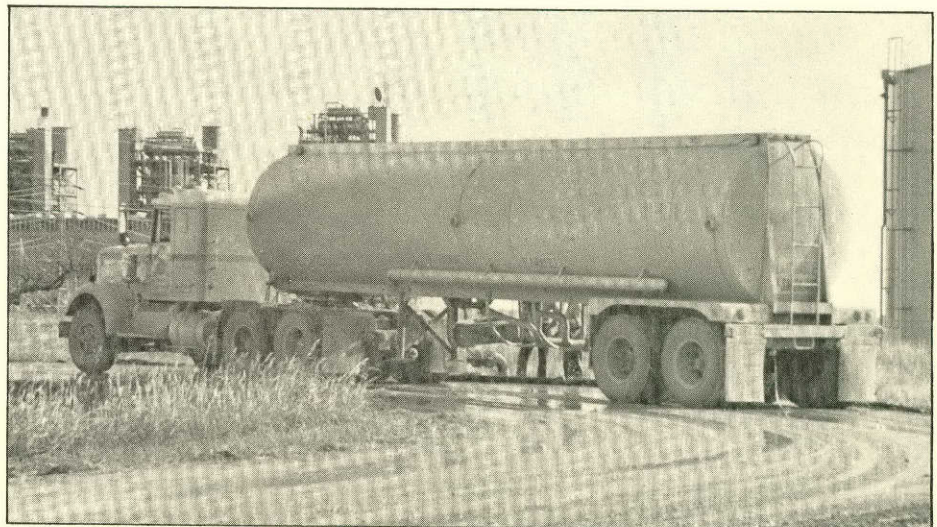
## 1983

- CPS observed its 100th anniversary of electric service to San Antonio? **The Broadcaster** issued a calendar, noting CPS milestones, including historic pictures.

- CPS saved customers money by generating most of the city's electricity with coal? Savings to customers because of the switch from gas to coal by then exceeded \$325 million.

- the Consumer Information Division received a certificate from President Jimmy Carter in recognition of CPS efforts in helping customers save money through energy conservation?

- the Public Service Health Club reached its 50th year of operation? In the beginning, dues were 75 cents monthly. At present, they are \$4. Today's officers include: President **George Wilke**, Treasurer **Marcel Quebedeaux** (ret.) and Secretary **Terri Fausto**. The Executive Committee consists of **John Mack**, **Jim Pettinos** and **Glenn Caldwell**.



Oil tank truck brings oil to Braunig Plant in 1973.



## Shot Protection for Employees

If a shot were available that would provide lifetime protection against pneumonia, wouldn't it make sense to take advantage of it?

Well, now there is such a one-time shot. Previously, according to CPS Head Nurse **Jean Horton**, Salado Street, a pneumonia vaccine had to be administered every five years to provide protection.

Now that the new lifetime pneumonia vaccine is available, Horton recommends that all employees, active and retired, contact their physicians about receiving this protection, particularly if they are in a high-risk group. High-risk groups for

pneumonia are the same as those for the flu. Both vaccines are highly recommended for everyone 65 or older and anyone with diabetes or chronic pulmonary, heart or kidney disease.

While pneumonia is more prevalent during the winter, it also can be contracted during the summer, noted Horton, so anytime of the year is appropriate for the vaccine to be taken.

CPS nurses do not administer the pneumonia vaccine, but they do offer yearly flu injections to employees and retirees. For the best protection, the flu injection should be given during the fall, Horton said.

The nurses also provide tetanus injections. According to the Texas Medical Association, adults should receive a tetanus booster every 10 years, or anytime there is a heavily contaminated wound if no booster has been given within five years. (Tetanus bacteria enter the body through a contaminated wound and can cause painful muscle contractions, which can be fatal.)

If you need a flu or tetanus injection, check the nurse station at your workplace for a posted schedule.

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