San Jose Units aid flood victims, give over $700

By LELAND THOMAS JR.

My story is one that has taken place time and time again, and will only stop when people stop caring.

Bob Rausch, Senior Lineman Driver, put this question to this writer: "Lee, what is the Union going to do to help our fellow members and their families in the flood-stricken Humboldt area?" This writer's answer was, "Well, Bob, you and I are the union. What are we going to do?"

With that, Bob made the first contribution, a move that generously opened the hearts of Union members and their families and friends in the San Jose and Cupertino headquarters, as well as Clerical headquarters in Redwood City and San Mateo.

Below is a list of contributors who wanted to help make circumstances a little more bearable for the members and their families in the stricken area:

**CUPERTINO HEADQUARTERS**

W. P. Hope  
Frank Meador  
John Hyman  
William Dye  
Ray Jacobson  
Corwin Sparks  
Earl Forsythe  
Henry Schallich  
Al Meyers

(Continued on Page 2)

**HIGH SCHOOL SENIORS! Apply for a Cal Fed Scholarship**

If your boy or girl is a high school senior this year and plans to go on to college in the fall, he or she is probably eligible to compete for a $500 scholarship from the California Labor Federation.

Applicants can be seniors from any public, private or parochial school. They can attend any college or university in the United States accredited by the Western Association of Colleges. They can be any color or creed. They can study any academic field they wish.

The award of the nine $500 scholarships available will be made on the basis of the student's four-year high school academic record and a special two-hour examination.

This special examination can be taken in the student's high school on Friday, April 22nd, 1965. The examination will cover the student’s knowledge and understanding of labor and industrial problems, and will evaluate his ability to present information on these problems.

You should contact your Business Manager Ronald T. Weakley (third from the left in the second row) and his colleagues on the Advisory Board on Atomic Energy Development and Radiation Protection for more information.

(Continued on Page 2)

**New Davey, Nolan & Sohner Agreements**

Local 1245 members working for Davey Tree Surgery Company Ltd., ratified December 21st a new agreement which calls for:

- 3 1/4% general wage increases in both 1965 and 1966.
- 3 weeks' vacation after 15 years of service.
- Company payment of $2.10 per month for each employee's hospitalization and medical coverage.
- 7 1/4% commission when private work is arranged by the employee.

Other gains included improvements in the leave of absence and demotion sections of the contract.

Davey members ratified the new contract by a vote of 63 to 43.

L. E. Heineman, B. J. Smallwood and L. Dunlap served on Union's Negotiating Committee with Business Representative Frank Quadros, Union's spokesman in charge of Tree Trimming negotiations.

SOMER SIGN

A new contract with Sohner Tree Service, Inc. has been ratified by members working for Sohner. The improved pact includes:

- 3 1/4% wage increases in both 1965 and 1966.

(Continued on Page 6)
service installations and a number of other matters of concern on the PG&E system.

Some of the political sub-divisions where our members are presenting additional problems, The Nevada Irrigation District has presented us with a disciplinary case which compels us to go to court.

Our organizing program continues in high gear both within those employer groups where we are now established and in some new ones, particularly the Oroville-Yardndale Irrigation District.

At our February joint meeting of the Advisory Council and the Executive Board, we shall review our year-end situation and set forth organizational plans to meet organizational goals in 1965.

The legislative picture in Sacramento and Carson City, as well as that in Washington, will require us to exert necessary influences on behalf of our Union and its membership if we are to protect our collective bargaining gains and provide additional opportunities for general improvement.

It is my hope that this year we shall continue to strengthen our membership at the local level by increasing our membership by the addition of a more active local organization within each employer group.

At the national level, we shall continue to work for the passage of legislation which will benefit the electrical industry as a whole.

In general, 1965 appears to offer a fairly good employment picture for us and our people. PG&E's "1965 Market Outlook" has this to say about the 1965 economic outlook in Northern and Central California:

"Population gains in Northern and Central California will bolster the area's economic growth.

• Total employment is expected to increase and average personal income to reach a higher level.

• Consumer expenditures at record volumes will result from rising personal income.

• Construction outlays for commercial buildings, industrial plants, utility projects and new homes should maintain the high rates of total construction recorded in the previous year.

• A backlog of demand exists for schools, institutions and other public facilities which will require large construction expenditures.

• Metropolitan centers are modernizing and revitalizing facilities (in line with changing customer demands) to meet organizational goals in the future.

Of course, this picture would suddenly change if our economy slips out of its present high gear or if we become involved in an major shooting war somewhere in the world.

In Europe, Asia and Africa, we are involved in situations which could become major conflicts at any time. President Johnson's quest for an honorable and lasting peace has the backing of the great majority of our citizens. There are a few with suicidal tendencies who can't seem to wait until they are consumed in an international frying pan, but so far they do not control our foreign policy.

In Latin America we are heavily committed to a policy of hemispheric defense against armed aggression. We are going to have to improve our relations and our image in that area because certain other forces overseas are making extensive propaganda efforts among our Latin American neighbors to depict the U.S.A. as a Nation of "imperialist war-mongers."

At home, we have some serious social and economic problems which demand redress.

In order to protect these precious freedoms at home, we must participate as responsible citizens in the affairs of our communities, our states and our Nation.

This also applies to those freedoms we enjoy as people organized together in a union for mutual protection and benefit.

Perhaps it would be well for us to resolve that in 1965, we shall make an effort to improve our citizenship role in our union by participating more actively in its affairs.

In Memoriam

George L. Clark, from De Sabia Division, died on January 7, 1965. Brother Clark had been a member of the I.B.E.W. since his initiation on June 1, 1952.

James Ferraro, from East Bay Division, died on November 25, 1964. Brother Ferraro had been a member of the I.B.E.W. since his initiation on January 1, 1965.

John F. Pike, from Stockton Division, died on December 25, 1964. Brother Pike had been a member of the I.B.E.W. since his initiation on August 1, 1962.

Frank T. Shippee, from East Bay Division, died on January 1, 1965. Brother Shippee had been a member of the I.B.E.W. since his initiation on April 1, 1962.

"Why?"

This one-syllable, three-letter word is, perhaps, the most important single word in our language. A child, or an adult, who asks "why?" gives an important clue to the way he thinks or, indeed, if he thinks at all. In all history, greatness and progress has come as a result of man's curiosity about the world in which he lives.

During National Electrical Week, many participants will inaugurate and conduct programs designed for youth. These programs are planned to encourage young people to seek for knowledge by showing the world around them to be interesting and exciting.

The electrical industry with its many facets is an excellent position to talk, counsel, and provide youth with some of the answers it seeks. Like all industries, the electrical industry has an economic stake in America's youth, for from it will come tomorrow's industry leaders. But even more important, the electrical industry has an obligation to youth. From today's youngsters will come tomorrow's world leaders.

The teachers of the United States are among the most intellectually superior in the world. They perform with skill and dedication the difficult job of instilling knowledge in the minds of today's young people. But the task of making education tempting and exciting is the responsibility of all adults, not the teachers' alone. Today's youngsters will be tomorrow's parents, and the great industrial complex that is the bulwark of America can collapse in a generation without the new ideas that must come from today's youth. Curiosity cannot be turned on in a classroom and turned off outside a school. Curiosity about life carries over 24 hours of every day of a youngster's life.

Edward Everett Hale said: "I am only one, but still I am one. I cannot do everything, but still I can do something..." It is with this philosophy that the electrical industry accepts its responsibility to today's youth... it is concerned with today's young minds.

Many National Electrical Week programs for youth may be continued throughout the year. By doing so, the electrical industry will be helping to fulfill an important obligation to succeeding generations. Selfishly, perhaps, it knows that future generations will judge it... it must not be found wanting.
Labor, Credit Unions Fight Loan Sharks

(First of two articles on illegal & legal high-rate loans)
By Sidney Margolis
Consumer Expert for The Union

Labor unions and credit unions have been able to a large extent to curb loan sharks who prey on distressed workers.

But loan sharks still persist in such combinations as industrial plants and even in such combined white and blue-collar industries as some newspaper plants in big cities, according to labor and credit-union officials questioned by this writer.

The tools by which labor and credit unions have been able to cut down the loan sharks in many former trouble spots have been:

1. Stabilization of employment and improvement in pay so that many workers who had no place to go for loans except illegal loan sharks or at best, high-cost legal lenders, now are able to borrow from moderate-cost sources.

2. The availability, through the growth of credit unions, of funds for workers caught in an emergency.

3. But loan shark rings still persist in some industries and cities. The recent New York State investigations found highly-organized shark rings especially active in exploiting small businessmen in need of financing, but also still snaring some low-paid workers. Our own union finds that loan sharks exist not only in New York but also in other large cities, and not only among low paid workers or in unstable industries, but even in better paid occupations.

In one example, some large plants still have loan sharks, according to observers, making for high-rate lending organizations even operate semi-secretly, called "mutual employee fund."

But better paid workers who get caught by loan sharks despite stable employment, and sometimes even when a good credit union is available, usually are the persistent gamblers, heavy drinkers, and families over-extended in debt, reports Al Horner, manager of the Michigan Credit Union League's budget service, and vice counsels families in financial trouble.

The frequent tie-up between loan sharks, professional gamblers, such as bookmakers, and the organized underworld itself, has insured the life of a borrower, Mrs. Nelson opposed the insurability of a borrower, Mrs. Nelson's responsibility for the past five years, since her appointment by Governor Edmund G. Brown in 1959 following the Legislature's creation of the Consumer Counsel office.

The goal of her office, says Mrs. Nelson, is to promote equity and fair play in the marketplace, with consumer and seller dealing with each other as equals, in confidence and good faith.

Borrower's Life Insurance
Credit life insurance is another subject she has tackled successfully on behalf of consumers. When lenders last year asked for an increase in the premium they can charge to insure the life of a borrower, Mrs. Nelson opposed the increase. Though a boost was granted, it was less than the amount requested, and the difference has already brought substantial savings to consumers.

TV and Auto Repairs
Repair services are becoming more important to consumers as technology brings us more complex goods, in the opinion of The Consumer Counsel. The Legislature dealt with problems of abusive practices in TV repair in the 1963 session, and Mrs. Nelson is optimistic about the current legislative study of auto repair in which her office is cooperating.

To handle TV and radio repair problems, a State Bureau of Electronic Repair Dealer Registration was established, following a lengthy study of problems and possible solutions conducted cooperatively by TV repair dealers, law enforcement officials, and the Consumer Counsel office. The bureau has been operating about a year, with headquarters in Sacramento and an office in Los Angeles.

"The Bureau is doing the job we hoped for, driving out the loan sharks," says Mrs. Nelson. "We have faith in our free competitive economy," she says, "and we have to keep the competition fair if our way of life is to survive."

NEXT: (How legal lenders get borrowers to pay unnecessarily high rates.)
The Pacific Northwest-Southwest

Take the largest, privately-owned gas and electric utility in the nation's largest single industry—
the electric light and power industry.

Work PG&E into the largest electric transmission system ever
authorized by Congress in America—the Pacific Northwest-Pacific Southwest Power Intertie.

Add, for good measure: Canadian power from one of the best
examples of international cooperation in the world—the Columbia
River Basin Treaty; and water pumping electrical capacity for
one of the world's largest water transfer plans—the California Water Project.

Stir the imagination with construc-
tion of two 500 kv AC trans-
mission lines, two 750 kv DC lines,
one 230 kv AC line and two 345
kv AC lines within the area (see
the map on these pages) from Ore-
ge's northern border almost to
California and Nevada's southern
borders.

Bake with the working condi-
tions to be found this summer in
the Central Valley of California
the Great Basin of Nevada, and
the high plateau country of cen-
tral Oregon.

Free the imagination with cross-
ings of the Cascades and the Sierr-
a Nevada, and you'd better add
for body (and soul) the contin-
ent's largest electrical union—the
I.B.E.W., and its largest utility lo-
cal—Local 1245.

The complete Northwest-South-
west Intertie also involves:

- Bonneville Power Administra-
tion building more than three
transmission lines from border
to border in Oregon. These are
the two 500 kv AC lines from John
day to Round Butte, one of which
continues to the Oregon-California
border where the USBR carries it
to Round Mountain, and two 750
kv DC lines which run all the way
from Big Eddy on the Columbia
River to the Oregon-Nevada border;
- Portland General Electric
building the easterly 500 kv AC
line from Round Butte to the Ore-
gon-California border;
- The Los Angeles Department
of Water and Power building the
westerly 750 kv DC line from the
Oregon-Nevada border through
California and into Los Angeles;
- The U.S. Bureau of Reclama-
tion building the easterly 750 kv
DC line from the Oregon-Nevada
border through California and
Hoover Dam, with two 345 kv AC lines to
be built between Hoover Dam and
Phoenix by USBR and Arizona
Public Service.

It is expected utility locals will
retain jurisdiction over all intertie
construction performed within the
service areas of their members' employers.

When complete, the Pacific
Northwest Intertie will connect
the load centers of California with
the hydro-electric generating ca-
pacity of the Columbia River.

With PG&E's electric system
peak demand occurring during the
summer months, it is conceivable
steam generating capacity in Cali-
ifornia could be used to satisfy the
Pacific Northwest's winter needs,
should their regional priority ever
be endangered.

This regional power grid is only
one of many being planned to tie
the electrical facilities of the con-
tinent together.

Even the Pacific Northwest Int-
terlie is difficult to define geog-
raphically. The connections from
Hoover Dam to Phoenix by Arizo-
na Public Service, a member of
WEST, have already been men-
tioned. Also mentioned already is
the sale of Canadian entitlement
to power to users in the United
States. This power is Canada's
share of the additional electricity
generated downstream on the Col-
umbia River by virtue of the stor-
age dams to be built upstream on
the Columbia River in British Col-
umbia and on the Kootenay. Mean-
while, Grand Coulee Dam's 2
million kilowatt capacity, believed
to be the largest hydro-electric
power plant in the western world,
is expected to be increased to
5.6 million kw by BPA, thus surpass-
ing the 5 million kw plant in Rus-
ssia, Electrical World reports.

Already under construction on
the Peace River in northwestern
British Columbia is an earth-fill
dam with a generating capacity of
over 2 million kilowatts. This pow-

General Construction Members work on an earth backfill footing for one
of the 500 kv towers.

Northeast of Chico, G.C. crews build one of the 500 kv AC lines through
difficult foothill country north to Shasta County.
er will be transmitted at extra high voltage 580 miles down the spine of the province to the main load center in the Vancouver and lower Mainland area. Interestingly enough, although Peace River power is intended for use in B.C., the intertie between B.C. Hydro and the Bonneville Power Administration at Blaine, Washington, is being increased to EHV capacity of 500 kv.

The Premier of British Columbia has expressed a willingness to harness more rivers than the Peace and the Columbia (which will be connected by transmission lines too, when and if generating facilities are built on the Columbia in B.C.) in order to develop a continental power grid, Electrical World reports.

The Governor of Alaska foresees a North America power grid which would combine the proposed 5,000 Mw Rampart Dam on the Yukon River with the Peace and the Columbia River projects in B.C.

B.C. alone has 30 million kw in hydroelectric potential and the race is on to develop this before nuclear power gets any cheaper.

Nowhere is this race between hydroelectric power, transmitted over the intertie, and nuclear power, generated at or near the load center—closer than in California. The Company members of the California Power Pool have protested the State's cooperative plan with the Atomic Energy Commission to build a 530 Mw nuclear plant to pump Northern California water over the Tehachapi Mountains and desalt sea water on the coast for thirty Californians.

Whether or not this controversy results in compromise, as the Pacific Northwest-Southwest Intertie did, the demand for Linemen and Nuclear Operators certainly is not going to diminish.
Expanding Radiation Uses

By SAM CASALINA

As new uses for atomic radiation are found it is important that we be acquainted with them because of their current and future impact on our economy and our lives.

The uses of radiation fall generally into two categories. The first is to replace or alter industrial or agricultural processes with a better more efficient one. The second is the development of foods which provides benefits not heretofore obtained.

AGE-OLD PROBLEM

Some starting developments have occurred in the field of food preservation by irradiation. When anything is exposed to radiation, we say that it is irradiated. The radiation used in treating food (and other products) is usually limited to gamma rays from radioactive sealed sources, x-rays from machines, and electrons from machines which gives benefits not heretofore obtained.

INDUSTRIAL BREAKTHROUGH

In the field of new irradiated products one of the most spectacular breakthroughs is NOVADOW. Novadow is the first Atomic Energy Commission to a new irradiated wood product that is bound to have a great impact on building and fabricating industries.

When ordinary wood is soaked in a liquid plastic monomer and irradiated by cobalt 60 gamma rays the plastic monomer polymerizes in the wood’s cellulose. The resulting wood is almost as tough as aluminum. This could mean a great deal to builders, for example, who could have support structures cut into any desired shapes.

Thus we can see that a new use for atomic radiation has been found in the wood’s cellulose. The resulting wood is almost as tough as aluminum. This could mean a great deal to builders, for example, who could have support structures cut into any desired shapes. It could also mean a great deal to farmers, for example, who could have support structures cut into any desired shapes. It could also mean a great deal to farmers.

FOREIGN INTEREST

The U.S. is not the only country taking advantage of this new technology. Canada, Australia, the Soviet Union, and Israel are irradiating perishable food. Israel recently announced that they foresee the time all of their exported citrus fruit would be preserved by radiation rather than chemical preservation. They feel that a consumer would rather eat food that has been preserved by passing rays cleanly through it than put up with chemical preservative residues.

Radioisotopic sterilization and sterilization are useful tools to come out of the peaceful use of the atom. Along with power generation, and salt water conversion, man’s quest for more food is being fulfilled in the knowledge gained from this new energy source.

Ten Complete Atomic Course

By W. F. White

Ten members received certificates for having successfully completed the L.B.W. Course “Industrial Atomic Energy Uses, Hazards, and Controls.”


The course was taught by W. F. White, Senior Control Operator, and Power Plant Foreman, in twelve 3-hour weekly classes starting September 21 and ending December 7, 1964, at the Local Union’s offices, 1918 Grove Street, Oakland.

In addition to the lesson material and homework assignments, 38 Atomic Energy Commission films were shown covering various Atomic Energy subjects. Included among these films were four different types of power reactors: Pressurized Water Reactor, Shippingport (Pressurized Water Reactor), Hallam (Liquid Metal Sodium Reactor), and Piqua (Organic Moderated Reactor). Other films covered radiological safety, properties of radiation, radiation detection instruments, high energy particle accelerators, isotopes for industry and medicine, and the SNAP program for outer space.

Sam Casalina, Safety and Health Physics Consultant, discussed radiation detection by scintillation and answered technical questions at the closing session.

Robert Mott, Assistant Business Manager of Local Union 1245, passed out the certificates of completion and honored the graduates with a buffet and refreshments.

A third Atomic Course may be available to sufficient local union members express a desire to enroll. If you are interested in preparing yourself for the industrial Atomic Age, contact your local union office.

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By ROY MURRAY
Reno Unit’s seventh annual Christmas party was held in the Garden Room of the Riverside Hotel on December 19th. More than 300 members, their wives and honored guests attended the holiday festivities.

The Congress of the United States and the California State Legislature both went into session on January 4, 1965 and the legislative hoppers. However, some significant developments bear watching.

Guests of honor shown at the head table are, from left, Mrs. Grant M. Sawyer, Business Manager Ronald T. Weakley, President Leland Thomas Jr., and Nevada State Labor Commissioner James E. Combs.

Ezra Johnson Retires

By RON WEAKLEY
At a gala affair on January 16th at the El Patio Restaurant in Lodi, over one hundred people turned out to honor Brother Ezra Johnson, Electric Troubleman, as he bid farewell to his many friends and PG&E associates after over 40 years of employment with the Company.

The affair was sponsored by the Lodi Unit of Local 1245, Brother Johnson’s employer. His place of employment for one and a half years with the Company twice in 1942. Many words of respect were paid to this man known as Brother Johnson’s member.

Ezra Johnson’s member.

Local 1245 at the party, were Representatives: Betty Weber, Gloria Miller and Frank Flower assisted by the second meeting, held January 12th, was devoted to a demonstration of how the proposed labor legislation affects the student.
New Stewards

The following shop stewards were appointed during December:

DAVEY TREE SURGERY COMPANY, LTD.: Frank Dickson.


Don't let the opportunities slip through your fingers

The following new applications were received in the office December 1 through December 31, 1964.


No doubt a few of you have been out scatant-running after those big Canadian honkers this year. If you have missed more than your share, console yourself with the fact that those critters can pour on the coal to the extent of 60 miles an hour! This figure was derived by following more than one of the wingers in an airplane and checking the bird's speed against the plane's. Also you may be interested to know that the honker's top altitude is a mere 29,000 feet — nearly 5 1/2 miles! * * *

Now that the fly fishing season is spent you can get out those winged dandies and freshen 'em up a bit. Dry flies that have become bedraggled after catching several fish, or crushed out of shape in your fly box, can be restored by first washing them, then drying and holding them over the spout of a steaming tea kettle with a pair of pellers for a few seconds. The steam will bring the hackles back into original condition. * * *

Pheasant hunter John Severson of Pasco, Washington, may decide it's a good idea to abandon his hope of quitting the cigarette habit, that is if he wants to take home a bird or two. Recently John has been carrying around a pochettful of lifesaver packages so he could nip at one whenever the desire for a fag took hold of him.

On a recent pheasant hunt, he raised his sights at a flushed bird and pulled the trigger. Instead of a blast, all he heard was a click. He opened the chamber to find out the trouble, and a cylinder of lifesavers dropped out!

Richard D. Peskilhek
Karl T. Wrezesien
EAST BAY
William E. Adcock
John L. Bullard
Richard K. Betterley
Steven D. Fry
Robert Leonard Gabel
Charles R. Hanks
Maurice B. Lawson
Albert C. Longshore
Arcadio R. Santiago
David Stewart
Johnny V. Wollen
Edward L. Worley
SAN FRANCISCO
Dennis S. Athanacio
Charles Calkins
Stanley M. Coffin
Gilbert Cortez
Kenneth Erwin
Wayne Hopper
Clifford L. Jacobsen

(Continued next month)

Note: The feature "Retired Members" will return next month.