



TOP PENSION GOES TO \$100

90 Per Cent of First Manpower Trainees Hired

WASHINGTON — In the first group of workers retrained under the new Manpower Development Act, 90 per cent have been placed in actual jobs, Labor Sec. W. Willard Wirtz announced in a "progress report."

The group was small, Wirtz pointed out, covering only 283 trainees in Connecticut and California, of whom 253 promptly get jobs for which they had been specifically trained.

"We recognize this is too preliminary a return" to allow conclusions about the future operations of the program, the secretary told a news conference. Nevertheless "it is obviously a matter of encouragement" and it is the government's hope that the future pattern "will develop in similar terms."

Wirtz announced that 279 training projects have now been approved under terms of the new statute and that 10,601 workers are enrolled or have completed training. The projects involve a government commitment of nearly \$13 million of the \$70 million Congress appropriated for the first year of the program and are spread across 36 states.

Season's Greetings

FROM the Officers, Executive Board and Staff of Operating Engineers Local 3 . . .

TO all the Members and their loved ones . . .

MOST sincere holiday wishes for a Very Merry Christmas and a Happy New Year.

MAY all that is good in the world—sound health, financial security, firm friendships, the warmth of family love and—above all in these troubled times—peace in the world, be your share and the share of your loved ones in the year ahead.

AL CLEM
Business Manager
PAUL EDGEcombe
President

JERRY DOWD
Vice President

AL BOARDMAN
Trustee

T. J. STAPLETON
Trustee

C. R. VAN WINKLE
Trustee

DON KINCHLOE
Conductor

W. V. MINAHAN
Rec. - Corr. Secretary

A. J. (Buck) HOPE
Financial Secretary

H. T. PETERSEN
Treasurer

H. L. SPENCE
Auditor

L. A. HUNTER
Auditor

W. G. RANEY
Auditor

JOE MILLER
Guard

DISTRICT EXECUTIVE BOARD MEMBERS

Guy B. Slack
Ernie Miller
Forrest Pritchard
Earl E. Horn

Charlie Kirkwood
Jack W. Slade
Cliff Martin
Wm. W. Woodyard

Al P. Perry
Garth A. Patterson
Al Rains
Clarence C. Bruner

New Hospital-Med Benefits for Retirees

Operating Engineers Local Union 3, already in the forefront for wages and conditions of its working membership, is taking two giant steps for a better life for its retired members and their wives.

Effective January 1, 1963, a \$100 monthly pension maximum will become a reality for all retired members drawing benefits from the Operating Engineers Pension Trust Fund.

Also on January 1, retired members and their spouses will begin to enjoy hospital and medical protection won through their union.

Announcement of the new benefits was made early this month by Local 3 Business Manager Al Clem, as co-chairman of the Pension Board of Trustees and of the Retired Operating Engineers Trust Fund.

Co-chairman of the Trustees for both funds are Brother Clem for the union and contractor Felix Siri for the employers.

TRUSTEES

The other union trustees are Pres. Paul Edgecombe, Vice Pres. Jerry Dowd, Rec.-Corr. Sec. W. V. Minahan, Fin. Sec. A. J. Hope, Treas. H. T. Petersen and Conductor Don Kinchloe.

W. F. Ames Jr., W. J. Nicholson, A. G. Raisch Jr., Brainerd Plehn, John Marthens and Charles Hudson are the other employer trustees.

Our pension members know better than anyone else can tell them how valuable the \$100 monthly "normal" pension will be to them in their years of well-deserved retirement, and how much security their families can derive from the 36-month pension guarantee, which means that the checks will continue going to the wife up to three years after the member qualifies for pension, even if he should pass away during that time.

WORTH \$13,593

But it is useful to note that if our member had to pay for this protection himself by buying a standard \$100 per month annuity policy, starting at 42 years of age, which is the average age of the Local 3 membership, he would have to pay \$49.25 per month from age 42 to age 65, a total of \$13,593.

Also, the new hospital and medical benefits for the retiree and his wife actually make his pension worth at least \$115 a month, as our union's welfare consultants say it would cost at least \$15 a month for a medical insurance policy that would not be quite as good.

The commercial health insurance policies which are available to senior citizens, for example, contain a lifetime maximum limit on benefits which goes as low as \$800. Our Local 3 hospital-medical policy for pensioners pays on each disability, without a lifetime maximum amount.

PAYABLE FOR JANUARY

Under the new scale of Pension benefits, all those retired members now receiving \$60 a month will get \$100 a month starting January 1. Those now receiving \$30 a month will get \$50, and those getting amounts in between these sums will receive proportionate increases in their monthly pensions.

The new pension amounts have been computed for each retiree and will be included in the checks received in the last week of December.

The new health protection for retired members will pay \$12 a day toward hospital board and room for a maximum of 31 days on each disability of the covered member or his wife.

There is an allowance of up to \$150 for hospital extras for each illness.

SURGICAL SCHEDULE

A surgical schedule sets various amounts to be paid for operations, up to a maximum of \$300 for each operation.

An allowance up to \$40 is provided for diagnostic, X-ray and laboratory services in the hospital.

The retired member and his wife are eligible to claim these benefits in any month in which a pension check goes to the home. This means that even if the member has passed on, the wife continues to be eligible if pension checks are still coming under the 36-month pension guarantee.

A printed booklet listing the benefits and explaining the

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Local 3 Profiles



GARTH A. PATTERSON

Garth A. Patterson, Operating Engineers Local 3 District Executive Board member for the 10th District, Santa Rosa area, is a man who has circulated in two worlds and knows in a very definite way why he prefers the world he's in.

Garth, 39, is a native of Iowa. He served in the Armed Forces for four years in World War II, two of them in Italy, then returned to graduate from Drake

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AL RAINS

Al Rains, who was born and raised in an unlikely-sounding place, Humansville, Mo., but has lived all his adult life as a construction worker on the West Coast except for a spell in the Army, is the District Executive Board member from the Nevada district.

Rains came to the Coast right after finishing high school and was employed on such major construction projects as Camp Rob-

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WILLIAM W. WOODYARD

William W. Woodyard of Sacramento, District Member of the Operating Engineers Local 3 Executive Board from District 8, Sacramento, sums up his working and union career in these two phrases: "Most of my work has been in construction or related industry . . . I have been a union member ever since I started working."

Brother Woodyard, 52, is a native of Missouri but has lived in

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Don't Have to Eat Dust

Dust is an inescapable condition of most earth-moving operations and materials handling, but now the operator doesn't have to "eat" the dust.

That's the happy word from Local 3 members on a particularly dusty San Francisco job who have been using a new protective device, the "Whitecap" filtered-air helmet.

Unlike the conventional respirator or dust mask, the Whitecap is a rig looking like a "space helmet" that combines in one piece, a shockproof plastic hard hat, transparent face shield and neck shroud that completely encases the operator's head and combines the functions of protective headgear, goggles and air-purifier.

FILTERED AIR

A filter/blower operating off battery power is mounted on the rig and a flexible hose running from it to the helmet blows a constant stream of fresh, filtered air downward across the operator's face and out below the neck shroud with enough pressure to prevent back-flow of contaminated air.

Special filters can be added to screen out gases or chemical vapors and to warm or cool the air going to the operator if climatic extremes are a problem.

The Whitecap respirator has been tried and passed with flying colors by the Arthur ("Buzz") Haskins Equipment Co. on a site preparation job for Standard Building on 19th Ave. in San Francisco.

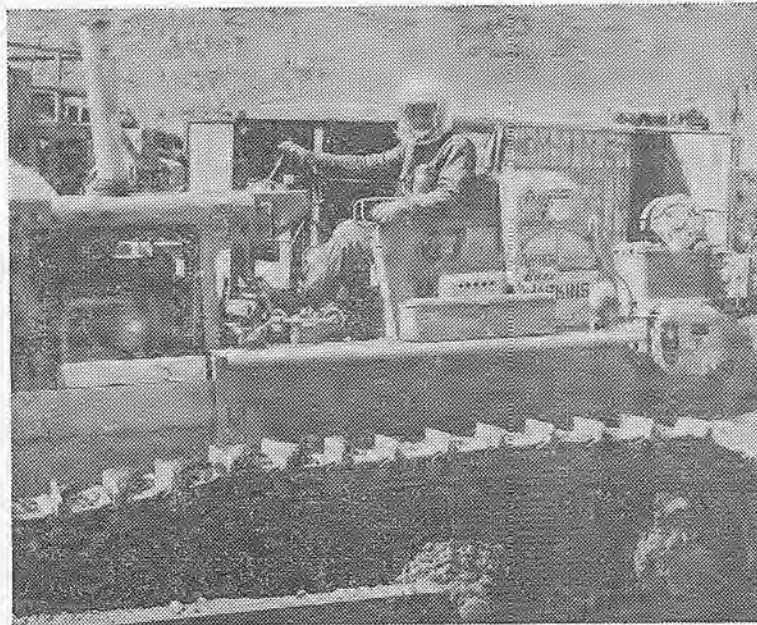
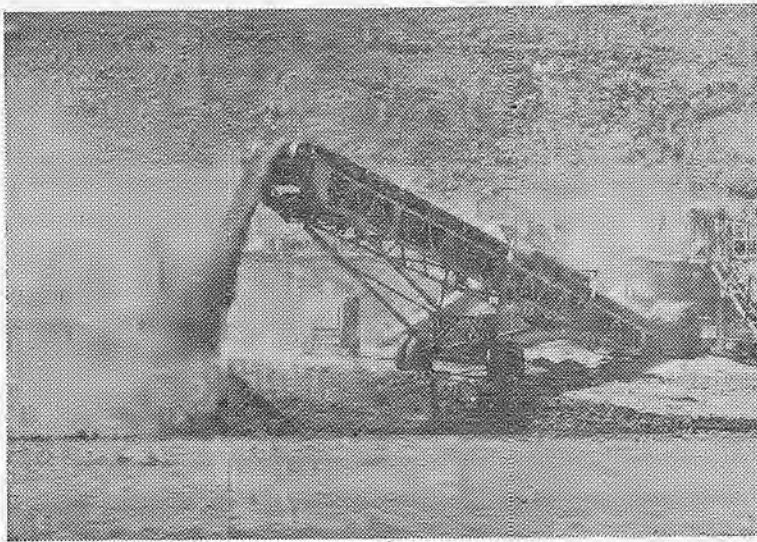
Haskins installed a crusher on the site to break up the excavated rock and stockpile it for later use as select material for roads.

Brothers George Hillman and George Crane, operating dozers right under the crusher belt to stockpile the material, had to work in constant clouds of thick dust, and Haskins installed Whitecaps on both rigs for protection.

THE VERDICT

This is the verdict of one of the operators, Brother George Hillman:

"I use mine all the time. It's



CLOUDS OF DUST swirl around this pile of rock as it cascades down from the crusher belt on the Standard Building site-preparation job in San Francisco (top photo), creating intolerable dust conditions for the operators stockpiling the material until Whitecap filtered-air helmets were provided for the operators. (Below) George Hillman, on a dozer, wearing the Whitecap helmet, says it's the first fully successful air filter he has used in 30 years on equipment.

very successful. I've been on equipment for 30 years, and I never found anything before that would work. When I used the masks that fit over your nose and mouth they would steam up and get too uncomfortable to wear, and I had to wear goggles.

"With this mask I don't need goggles, I get fresh air all day

and my face is clean at night. I think everybody doing dusty work should wear them."

Whitecap is manufactured by the Jamieson Laboratories, Van Nuys, Calif.



GENERAL PRES. HUNTER P. WHARTON of the Operating Engineers International (left) and Local 3 Business Manager Al Clem found time to confer on problems and programs of the Engineers when Brother Wharton passed through San Francisco recently on his way to the AFL-CIO Building Trades Dept. executive board meeting in Hawaii.

San Francisco: Trouble On Golden Gateway Job

By JERRY DOWD, GEORGE BAKER and BOB SKIDGEL

Work is spasmodic in San Francisco, but not bad. The biggest portion of placements continues to be on short-term jobs, but there is a lot going on.

Case Foundation, subbing ground work on Perini's Golden Gateway renewal project, is running into nothing but trouble. They were going to pull up the old piling that honeycombs that area and put in the new piling, but found that the old sticks won't come out and they have to drill right through them.

A big, special drill rig was brought out from the East capable of drilling holes up to 120 inches in diameter and 120 feet deep, but having to chew through the old wood has slowed it down painfully. Case has 329 piling to go in and had hoped to be through by early January. At this writing only about 35 pilings are in. Looks like it's going to be a long haul.

HOSPITAL START

Piombo Bros. has started on the new Mary's Help Hospital at San Fernando & Junipero Serra, excavating and leveling for foundations, but because the area is small, not too many rigs can operate at one time. It looks like about four months' work for a small crew.

Work is starting to roll on the extensions of Alemany Freeway, westward by Harney, who's now running about 20 of our men, and eastward by Peter Kiewit Sons, who are a bit slower getting started.

KTK Wrecking Co. is going great guns stripping down the inside of the Civic Auditorium, preparing it for modernization. It looks like a skeleton inside.

EICHLER MOVING

Eichler Homes is getting foundations in on its two apartment developments, in the Western Addition and in Visitation Valley, and should soon be getting up off the ground.

Ben Gerwick is driving pile for

a big, fancy Travelodge Motel which is going up on Fisherman's Wharf.

The shipyards, however, have slowed down to practically nothing.

Meanwhile, there have been a number of contract awards assuring work for the future, including a submarine outfall sewer job which went to Oscar C. Holmes Inc. of Menlo Park for \$311,700, another force main and interceptor sewer at the Lake Merced sewage pumping station to Prodanovich Inc. of Oakland for \$148,725 and a North Point collecting sewer to S & Q Construction of South San Francisco for \$477,777.

Good '63 North Bay Outlook

By T. J. STAPLETON and STAN GARBER

This month's report shows the bulk of the brothers still working and contractors taking advantage of the good weather since the October storm which drenched Marin county with over nine inches of rain.

From all indications, the outlook for the coming year looks good for the North Bay area in the construction field.

We wish to call to your attention that the year buttons for 1963 are now available. First brothers to come up with a full year's dues for year cards: Lyle Gilson, Wm. T. Gilson, A. E. (Joe) Singleton and G. H. Lovely.

Luhr-Wendt job at Bel-Marin Keys is in full swing again after being shut down due to the storms. Brother Jesse Glenn is the foreman on this job. In our last issue, we had referred to the foreman as Carroll Smith, and we stand corrected. Brother Smith is the super. Sorry for the error, Brother Smith. At this writing, we hear that Brother Smith was hospitalized at Novato General. Our best wishes go to him for a speedy recovery.

3RD STREET

Piombo Bros. were recently awarded the first phase of the 3rd St. job for street, curbs, gutters and sidewalks at a cost of \$104,616.

Linscott has recently acquired equipment consisting of D-8s, Cat Blades and D.W.-21s, and at present is busy at Terra Linda next to the Fairchild plant and at Rock Hill subdivision, Tiburon. Brother Kirby Mitchell is now associated with Linscott as general super.

Clementino Const. just winding up their P.G.&E. substation job at Sausalito, now digging electrical lines at Tiburon.

North Coast Construction hard at it behind the old Sabella's at Alto.

Syar & Harms going full speed on their jobs at Terra Linda, Novato and Marin City.

We in the San Rafael office—Tom Stapleton, Stan Garber and Terry Haag—wish you and yours the best in the coming holidays.

\$100 TOP PENSION

Continued from Page 2—

retiree hospital and medical plan is in preparation. Copies will be mailed to each retired member, and there will be copies of the booklet at all Local 3 offices.

At the beginning of the pensioners' hospital-surgical program, nearly 400 retired members will be eligible. That number is expected to rise to 2,000 within the next six years.

HIGHER CONTRIBUTION

The retiree welfare program was achieved by the union in our last round of collective bargaining. Since last September 15, employers have been paying one-half cent per hour into the special Retired Operating Engineers Trust Fund. On Sept. 15, 1963, the contribution will go up to 1 per cent an hour.

The original pension plan in Local 3 was instituted in the Oakland area on November 1, 1952, and was built up through our union's negotiations in the years which followed.

In a letter to the Pension members announcing the new \$100 top pension, Co-chairman Clem commented:

"Your Pension Board of Trustees, composed of equal numbers of Union and Employer trustees, has been very careful and devoted in promoting the growth of the Pension Trust.

SECURE FOR LIFE

"It has been guided in all decisions by competent legal counsel and pension actuaries and has managed affairs so that now the benefits to you, the retired member, and to future retirees can be increased substantially, yet with full regard for the financial soundness of the Trust. For this is an insured plan—once the pension credits have been purchased, you can feel secure that they will be forthcoming for the rest of your years.

"It is the earnest hope of the Officers and Executive Board members of Local 3 that this Pension Plan can be improved further as time goes on."

76 Get Chief of Party Certificates

Presented at Dinner Meeting in Oakland

Business Manager Al Clem of Operating Engineers Local No. 3 and Park L. Verner, president, Bay Counties Civil Engineers & Land Surveyors Assn., presented certificates of competence to 76 surveyor Chiefs of Party at a dinner meeting at Villa Peluso, Oakland, Friday night, November 2nd.

Charles F. Hanna, Chief, State Division of Apprenticeship Standards, was keynote speaker at the ceremony.

The certificates establish a new standard of Certified Chief of Party. Certificate holders must pass a written examination and an oral review before an examining board of two representatives of the union and two employers.

A state-supervised labor-management apprentice training program has been in operation a little more than a year, but not long enough for new trainees to have achieved Chief of Party status.

The certificates in this group went to people who have been working in the surveyor field for sufficient periods of time and who satisfied the examining board that they were fully competent.

The Northern California Land Surveyors apprenticeship program covers 49 counties.

Following are the new Chiefs of Party:

OAKLAND AREA

Norman Ash
Paul Henry Betz
Earl R. Bozigian
Harold D. Braze
James C. Burnett
Garth M. Cross
Harry Edward Cummings
Daniel C. Curry
Donald F. Davis
Chas. A. Daniel
George M. De Vaney
Clyde O. Douglas
Charles W. Fleming, Jr.
Dale H. Fourtner
Clyde E. Gann
Clyde A. Hewitt
Calvin T. Hill
William M. Hill
Richard Kier
Edwin Lanterman
Dewitt Markham
Harry A. Mitchell
Eugene Laird Oller
Dennis J. Ryan
William F. Sanders

Eugene B. Schaufler
Charles Jacob Shallenberger
Hubert W. Webb

SAN JOSE AREA

Thomas F. Burgess
James B. Clark
Willard E. Colson
Martin E. Coopender
Myron G. Crooks, Jr.
George R. Dunbar
John K. Fisher
Lawrence Giraudo
Darrell L. Jellison
John A. McGrath
Ed Middleton
Melvin C. Mortimer
Howard C. Payne
Robert S. Reilly
Gene H. Scott
Walter Strate
John A. Toney
John Davis Williams

SAN MATEO AREA

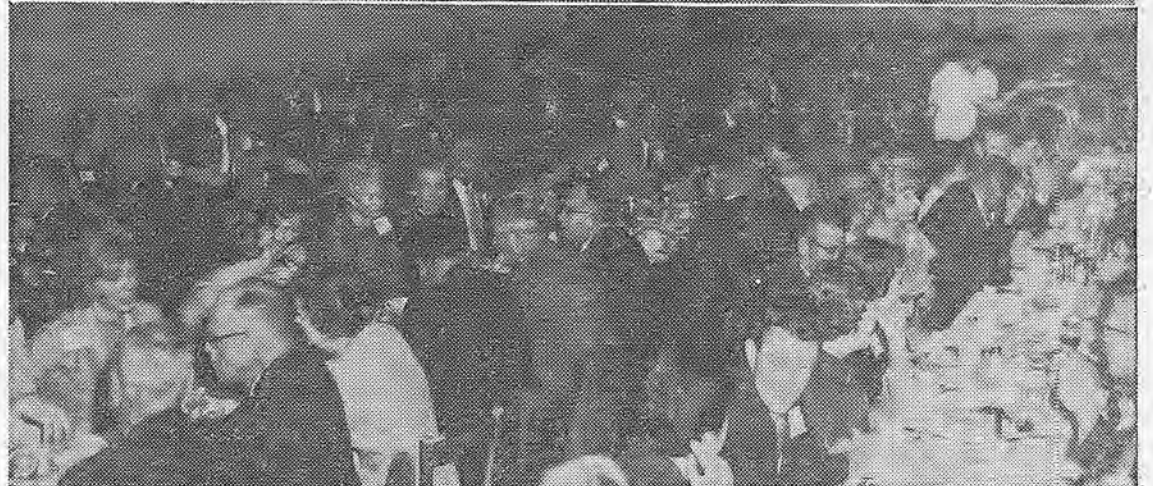
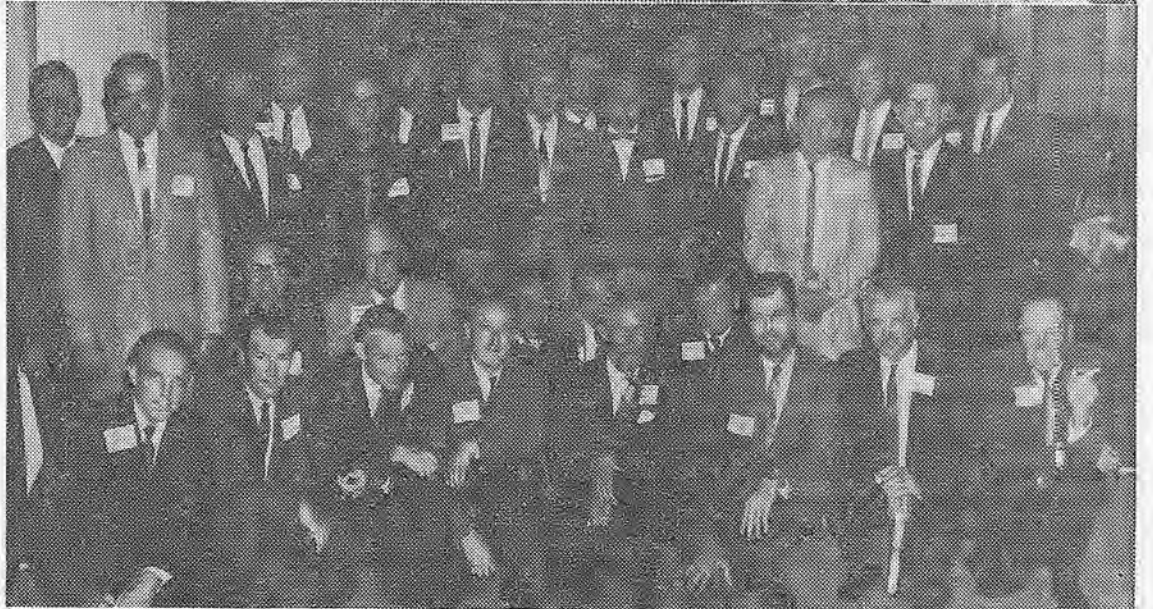
Carl Louis Ackerman
Donald Glenn Thomas

SAN FRANCISCO/MARIN

Robert Alsdurf
John G. Austin
Alvin J. Baptist
Donald R. Bengston
Kenneth Booth
Jean Chary
Allen M. Harry
Arner Hermanson
Kenneth F. Knutsen
William Lisa
Seymour Miller
Mark Munson
Alex Shkapsky
John G. Stuber

SACRAMENTO AREA

Phillip I. Barnes
Arnold E. Comer
Darrell R. Davis
Donald E. Davis
Harold B. Farmer
Orville R. Hastings
Aaron F. Jones
Eugene McKenzie
Walter J. McMahan
Charles C. Parker
Robert S. Rathbone
Jack V. Ryden
Henry E. Seira
Jerry Terry



CHIEFS OF PARTY: Happily facing the camera in the top two pictures, some with their brand new State certificates in hand, are the men who were awarded Chief of Party Credentials at a dinner meeting in Oakland, Nov. 2. Bottom photo shows part of the dinner crowd, composed mainly of the new Chiefs and their ladies and representatives of Local 3, the Bay Counties Civil Engineers & Land Surveyors Assn. and the State Division of Apprenticeship Standards who participated in the completion ceremony.

Survey Notes: Start First Apprentice Class

By ART PENNEBAKER and
HOWARD WYNN

The first class of Apprentice Chiefs of Party was started at the Laney Campus of the Oakland City College on November 19. This well-attended course of instruction is being taught by Landon D. Barnes, a certified Chief of Party employed by Kenneth Q. Volk & Associates at Dublin, Calif. The text being used is "Handbook of Survey Notekeeping" by F. William Pafford.

The following, from the preface of the text, seems to sum up the direction of this course.

"It is an impossible task to at-

tempt to develop a set of standard forms covering all survey operations that would be acceptable to all surveyors because, even though certain operations in surveying may lend themselves to standardization, surveying in general does not. Furthermore, the survey situations under which the individual party chief is required to exercise personal judgment are so varied that to attempt to stereotype the presentation, that is, the field notes, would impair the development of the surveyor's most important attribute, judgment.

"The information contained herein is addressed to the party chief. Even though the recorder, or notekeeper, of traditional surveying still exists on certain types of survey parties, modern practice, especially in private work, places the responsibility

for field notekeeping on the party chief.

"When the information in this manual is understood, the reader will be able to develop notes to suit any survey problem and will also be able to adapt himself easily to any forms or systems he may be required to use."

We have completed another test and are now in the process of evaluating both potential apprentices and certified Chiefs of Party.

SECOND TEST

In conjunction with the State of California, we are now developing an aptitude test battery designed for the young man with no experience to determine if he has the potentiality for developing into a qualified surveyor. It cannot give an absolute answer, but it can give a person an excellent idea of the direction he should go to develop a successful life

work. This will be one more tool to help upgrade the pool of men doing survey work and so upgrade the survey industry.

TEST FOR CHIEFS

In order to know the aptitudes of a successful Chief of Party it will be necessary to run some of the presently-employed successful Chiefs of Party through the test battery. The result of the tests are confidential with the State of California, and neither your employer, your union nor anyone else has access to them.

If you should be one of those asked to participate in helping to upgrade your survey industry, please offer to spend the two hours necessary to get this information. It will be to the benefit of every man on the survey crew if we can insure adequate personnel to carry on this business of surveying.

More About Wm. Woodyard

Continued from Page 1—

California since he was four years old. He got his schooling in Southern California, and his first job was as a refinery worker in a Standard Oil refinery, where he joined the Boilermakers Union.

He was initiated into Local 3 in March 1952 and has worked mostly in road construction, operating a Gradall, and in gravel plants loading materials with clam shell and bucket loaders. His longest spell with one firm was 10 years with A. Teichert & Son.

His first union responsibility was as an elected member of the By-Laws Committee. He subsequently was elected District Executive Board member from his area.

Brother Woodyard served in the Army in Europe during world War II, in a Tank Destroyer (armored artillery) outfit.

Subdivisions Help San Jose

By A. J. HOPE,
W. H. DAVIDSON
G. L. MOORE and
J. N. HALL

Work in the San Jose area is holding up well. Many of the jobs are being completed, but subdivision work and street repair are keeping most of the brothers busy.

Dan Caputo Co. and Gibbons & Reed submitted the low bid of \$1,034,199 for the contract to widen Route 17 Freeway between Forest Ave. and Bayshore Freeway. The job includes the addition of two lanes to the present four-lane roadway and improvements to the Coleman Ave. interchange. On the Junipero Serra Freeway, Dan Caputo is showing good progress on the structures and Gibbons & Reed have three finishing crews laying the base on the off-ramps and frontage roads.

Ebert and Spartan were the low bidders on a \$101,236 contract for storm sewers on Piedmont Road to Berryessa Creek. Pisano Bros. were the low bidders on the sanitary sewer contract at the Brokaw Airport. This went for \$50,785. This firm was also awarded a storm sewer contract on Briarwood Ave.

BIG IBM START

The contract for multi-million dollar construction of an International Business Machine Corp. plant to be located in the Almaden foothills was awarded to Swinerton & Walberg. Work is scheduled to start on this project in December, with completion in 1964.

Early-Stolte and M. K. are showing good progress on the San Jose Disposal Plant. At the present time they are using seven Truck Cranes, one N.W.80, four Western Austin Boom Cranes, one N.W. 80 Backhoe and three D-8 Cats. Santa Clara Sand & Gravel are hauling materials for this job from the Milpitas Quarry. Piombo Construction are spreading the material.

MUCH PAVING

Sondgroth Bros. are busy in several subdivisions throughout the area and are paving eight service stations in Mt. View. They are doing the grading on Hollenbeck Road, with Ernie Pestano doing the sewer work.

Fredrickson & Watson are doing the paving on the San Jose Airport and expect completion within a couple of weeks.

Rothschild, Raffin & Wierick have started the foundations for Quadelupe College in Los Gatos. Piombo Construction Co. will do the grading and paving on the access roads.

A. J. Raisch Paving Co. have completed the paving and grading on Hiway 9, from El Camino Real to Stevens Creek Road. They expect to start work on the section of Hiway 9 to Saratoga about December 1. Brother Gates is Super on this project.

GRANITE BUSY

Granite Construction is keeping the brothers busy on many good-sized jobs. They have started their Highway job in Santa Cruz, with Brother Rockwell as foreman; this job went for \$1,225,000. They were low bidders on a \$156,682 road job at Sequel. Granite picked up a good winter job at Seaside repairing streets, curbs and sidewalks for \$280,000.

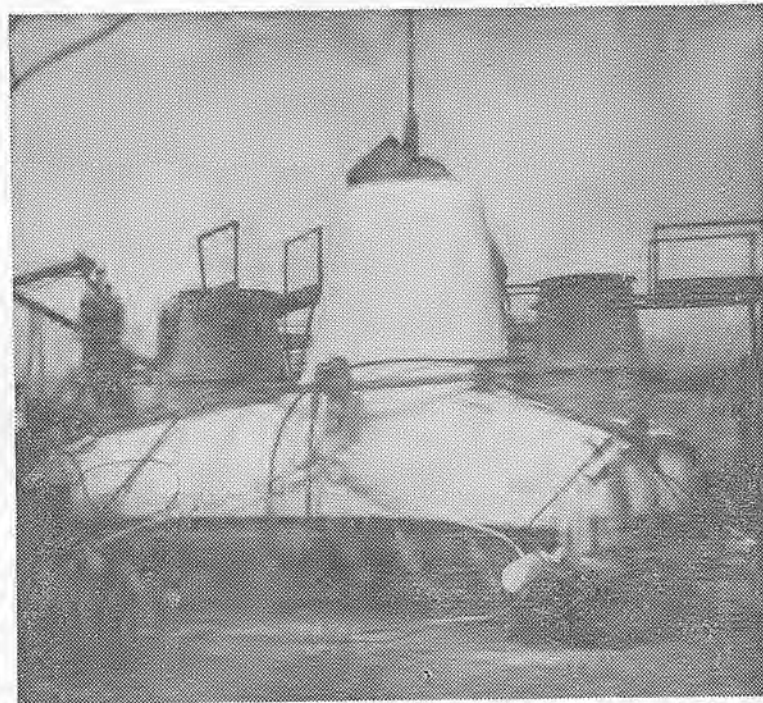
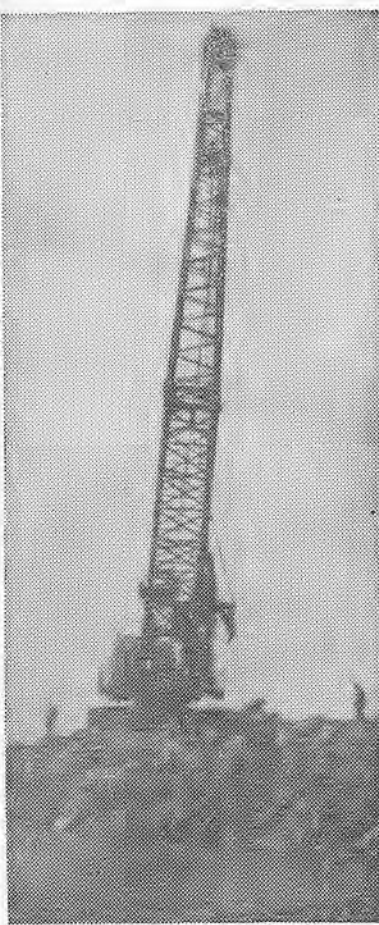
Granite Construction is making good progress on the small Craft Harbor in Santa Cruz. Nine

hundred of the quadra-pods (see photo) are to be placed along the toe of the rock jetty in the harbor. The quadra-pods are being poured in Central Supply's yard on 17th Ave. in Santa Cruz. The Lima 2400 seen on the rock jetty, said to be the largest crane in Northern California, was imported from Minnesota. Brother Orville Smith is the operator and Norman Smith the oiler on this huge piece of equipment. Shell-maker is doing the dredging, running three shifts at the present time.

BLOOD DONORS

Blood donors so far this month have been Robert Sandow, James Cartwright, George Southers and Fred Adams.

Brother Sandow has donated six pints to date. We would like to advise the brothers that we have only two pints of blood in the Blood Bank! The Blood Bank was set up for the members and their families. Two pints of blood is too low. If you wish to keep a Blood Bank, please contact the Red Cross and donate a pint of blood to keep the Blood Bank alive!



JETTY JOB: Nine hundred quadra-pods like the one in lower photo will be placed at the foot of the jetty for the Small Craft Harbor at San Jose. Each of the quadra-pods is approximately 12 feet high, weighs 27 tons and contains 13 yards of concrete. The legs are interlocked as they are placed, to form an immovable barrier that will prevent tides and currents from washing out the base of the jetty. TOP PHOTO: The Lima 2400 crane shown working on the jetty is said to be the largest in Northern California at the present time.

Rush for Union Housing

NEW YORK—More than 52,000 applications have been received for the 981 apartment units that Typographical Local 6 and the city of New York are building in Queens.

The \$16 million housing development, covering six city blocks in the heart of the borough, will consist of seven buildings, each 15 to 18 stories high. Called Big Six Towers, it will be a "limited-profit" development permitted by state law and operated by I. D. Robbins for the union under supervision of the city Housing & Redevelopment Board.

All the suites will be cooperatively owned at \$550 a room, and tenants will pay a monthly carrying charge of \$21 a room. Plans call for 208 three-bedroom suites, 472 with two-bedrooms, 270 with one, and 31 efficiency-type suites. Of the 981 units, 755 will be provided with a private balcony.

The buildings will cover less

than 13 per cent of the 11-acre site. Useable ground area is greater than the figure would indicate because upper stories are cantilevered to overhang the ground space.

Plans call for an X-shaped building with eight cross-ventilated apartments per floor; circular sitting and play areas; and a landscaped promenade mall with adequate space for traffic within the community. The ground floor of each building will be reserved for lobbies, offices and community rooms. Outdoor parking will be provided.

HOME 'PEACE CORPS'

NEW YORK—The United States needs a home front peace corps and "our people need the challenge of volunteer service," Dir. Leo Perlis of the AFL-CIO Community Service Activities advised Atty. Gen. Robert Kennedy in response to a questionnaire.

Memo from the Manager's Desk

By AL CLEM

During the past month I had occasion to attend a series of special meetings in Utah—at Ogden, Nov. 14; Provo, Nov. 15; Vernal, Nov. 16, and Salt Lake City, Nov. 17—at which the membership voted on whether to take all of the wage increase due January 1 on the pay check or use 5 cents an hour to start a Pension plan.

The Utah members voted overwhelmingly, by a margin of 20 to 1, in favor of the recommendation of the officers that 5 cents an hour be allocated to the Operating Engineers Pension Trust.

It was good to have this opportunity to visit with the brothers in Utah and get their reports on the state of the union in that area. They are looking forward to a good employment situation in the coming season.

—ac—

In addition, we attended the quarterly District Meetings in Stockton, Oakland and Sacramento. I was extremely sorry that I was unable to attend the meeting at Watsonville due to being in Utah for the series of special meetings there.

The meetings in Stockton, Sacramento and Oakland were extremely interesting. It goes without saying that it is always a pleasant and rewarding experience to visit with the brothers in the districts.

—ac—

We are in negotiations with Permanente Cement Co. for their Hawaiian operation, and while we haven't settled the money issue as yet, the negotiations are proceeding in an orderly fashion, and we hope to have this agreement behind us before the next issue of our paper.

—ac—

I would like to take this opportunity to commend the members of Local 3 as well as all the rest who voted in the recent General Elections. The results were, on the whole, extremely satisfactory from the viewpoint of organized labor.

The November elections showed that the people are giving great thought to returning to office those people who have done a good job for them. This was true not only in California, but also in Nevada and Hawaii and—in some instances—in Utah.

In a democracy, everything depends on the citizen exercising his right to vote and doing it seriously and intelligently. The elections we have just come through afford us a basis for some controlled optimism in a time when the very principle of freedom is being tested by history.

—ac—

You will note in the report from Hawaii that the Local 3 office in Honolulu has been moved. This will be a considerable improvement, giving us—among other advantages—much better parking facilities for our members and more office space for our expanding activities in the growing, new State of Hawaii.

—ac—

For some time now, we have been thinking about the many advantages our members might derive from having a Credit Union in Local 3. A Credit Union is an inducement to thrift, as well as a place to turn to when a person is in need of cash, as most of us are at some time or another. It can make a lot of difference to be dealing at such a time with your friends and fellow-members rather than with strangers. And the cost of using borrowed money—which is what interest is—is lower.

It gives me satisfaction, therefore, to be able to report that your Executive Board has approved of the principle of a Credit Union for Local 3, and we have our technicians working out the details. If any of you members have any ideas about a Credit Union, please address them to me at the Local 3 office, 474 Valencia St., San Francisco.

—ac—

At this Holiday Season, I would like to express my personal greetings and appreciation to all of the officers and members of Local 3 for their help and cooperation during the year that is ending.

San Mateo

Work Planned Years Ahead

By BILL RANEY and
DAN MATTESON

As larger projects, previously reported, seem finally to be getting under way, such as the Linear Accelerator, Brewer Island, 19th Ave. Freeway and the new campus for College of San Mateo, word reaches us of continued construction planned for the coming years.

The State Highway Commission has appropriated nearly \$700 million for highways in California. Of this, approximately \$3/4 billion and \$23.8 million is scheduled for roads in, around and through San Mateo county. Much of this is earmarked for such projects as the hoped-for cross-country Highway 229 at San Bruno, Five-Points overcrossing and Highway 214 in Redwood City, and portions of Junipero Serra Blvd. in both north and south ends of the county.

High-rise apartment projects are proposed, to cost \$10 million or more. Many previously-started subdivisions now seem to be going ahead at full speed. We hear that the old Christenson Dairy properties have finally been sold to a group of builders proposing mammoth subdivisions and shopping plazas. This project will necessitate moving millions of yards of dirt.

JUST STARTING

For many years, prophets of doom have predicted that construction in San Mateo must slow down because there is not enough room, but every time a large project is started, it seems only to spark other larger projects. It appears to us that the county has only begun to grow.

In past years the Operating Engineer has been a boomer, moving from job to job. More

and more we see the operator settling down, owning his own home, joining P-TA groups, griping at the City Council and so forth. The old adage "chicken one day, feathers the next" is evolving into steak one week and ground round the next. All the feathers are not gone, but there seems to be more chicken for most of the Engineers.

You brothers will notice that we are getting more and more stewards on the jobs. In reading your by-laws, you will note the duties of a steward. His is not an easy job. It is hoped you brothers will help him in every way. He is, of course, not a Business Agent and for his own protection must not be. He is to check all dispatches and report contract violations as well as By-Laws violations to your union office.

TIME BOOKS

Your Business Representatives still have some time books left. These little books have been life-savers for a great many brothers. We have been able to collect thousands of dollars for members because they kept the accurate records of every hour worked on what day, where and for whom.

Unfortunately many more dollars have been lost because of a lack of this vital information. When your representative goes to the contractor to collect your wages, show-up time, vacations and overtime pay, the first question the employer asks is what day are you talking about, on what rig, on what job at what time and who was the foreman? The lack of facts on any one of these points can cast a doubt upon the claim and make it difficult or impossible to collect. These Time Books, sold by your Business Agents, cost only \$1.00 each. Ask for one!

ATTEND MEETINGS

Don't forget the next regular quarterly meeting in San Francisco at 16th & Capp Sts. on the 2nd of January. Election of your Grievance Committee will take place, as well as other important issues.

The Semi-Annual Meeting will also be in January, on the 12th, and on this agenda is extremely important information and business transactions. Let us not forget to take an interest in our union affairs. Your union is only as good as its active members.

Hey! When you are off work because of rain or what-have-you, why not help a brother Engineer? Stop by the Peninsula Blood Bank and bleed a little.

50 APPRENTICES

The Apprenticeship program is loaded with trials and tribulations, but is advancing more rapidly than was expected. There are some 50 students going to classes at the College of San Mateo. Brothers Vern Seim and Joe Brown are the instructors. About half of these students are Indentured Apprentices, and most of that half are working. You Journeymen are urged to help these men in any way that you can.

The San Mateo office wishes you one and all a very merry Christmas and a most prosperous New Year.

Marysville: Dry and Busy

By HAROLD HUSTON,
C. R. VAN WINKLE and
W. R. WEEKS

A look at some of the jobs:

In our last issue we showed a picture of the tunnel being driven by the Fraizer-Davis Co. with the water almost filling the tunnel. No time was lost after the water went down in pumping out the tunnel and going back to work. The company holed through Thursday, November 8, on their first tunnel. This tunnel is 4300 feet in length and there is a 12-foot cut to be taken out of the bottom, which will start immediately. They hope to start work on the second tunnel in the near future.

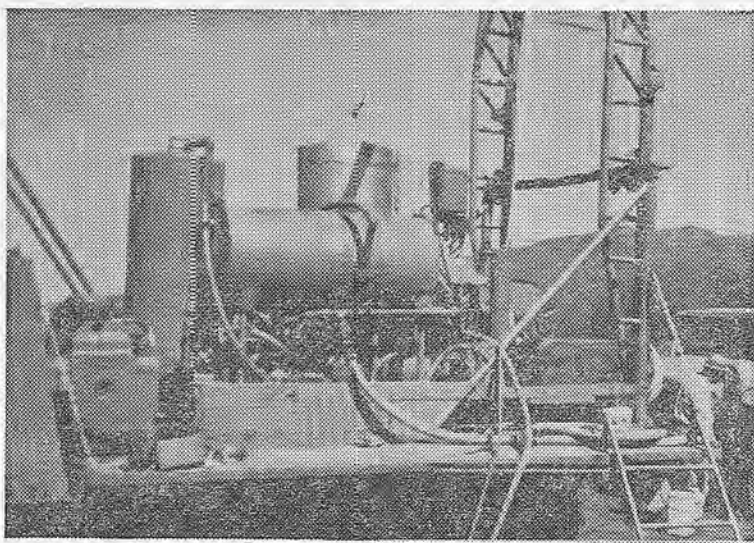
Also, last month we honestly thought this company's fish hatchery job, just north of Oroville, was down for the winter. But although suffering flood damages estimated at a quarter million dollars, no time was lost in getting back into gear and rapid strides are being made in rebuilding the Coffey dam. Rogers Material Co. is supplying the concrete for the dam and a ladder (fish) and hopes the weather will permit them to keep going well into the winter.

POWERHOUSES

Oroville projects contractors Wyandotte project: This company still has crews working on the Kelly Ridge, Woodleaf and Forestown powerhouses. They expect to complete this project by January, 1963. As they finish with the equipment it is being sent into their shop in Oroville, where 40 of our brothers are keeping busy on the repair of this equipment.

Fadel and Granite: About half finished on the clearing for the Antelope dam. Besides a number of dozers, they have two shovels and a blade working. Although there are not too many places to live close by, this one is proving a good job.

Cattermole-Trethewey: This is a Canadian company that is doing the clearing around and in Lake Almanor. When the company came into the area they went ahead as if the unions didn't exist, which may be the Canadian way, and an organizing job was necessary, which resulted in the company signing an agreement



NEW HERE: This is a close-up view of the main section of a new-type Chemical Grout Machine, used for the first time in California on Morrison-Knudson's Lake Almanor dam job. A new classification was established for it.

with your union. They now are working a full union crew.

The job is being worked two shifts and consists of clearing around the banks of Lake Almanor, the lake having been lowered for this purpose, and underwater clearing of stumps in the lake, and it looks like a good long job for the brothers. One of the big problems is the heavy winds that come up every afternoon and which, because of the shallowness of the lake due to its being lowered causes high waves which sometimes makes it too hazardous for the swing shift to work.

NEW MACHINE

Morrison-Knudson: Has the contract to raise the dam at Lake Almanor and still has two shifts working although the piledriving is about finished. One unique thing about this job was the use of a Chemical Grout Machine (see photo), the first of its kind to be used in California, which necessitated the establishment of a new classification. It was placed in Group 10, at \$4.76 per hour, and an "assistant engineer" is required.

Twin Butte Construction, Inc.: This company, with whom the Darrough Bros. of the old firm of Darrough & Sons are associated, is rapidly nearing completion of its road job near Susanville. The heavy rains washed out a lot of the finish sub-grade, but that damage is now repaired, and the hot plant has been set up. Is-

bell Construction Co. will do the paving.

Baldwin Contracting Co.: Last month we reported this company was lucky to complete its paving jobs. However, we learned later that the hot plant, in Twain, was scattered and buried in the mud by the high rains. Most of it has been dug out and now lies scattered around awaiting the insurance appraisers. The company is making progress on the highway job between Gridley-Colusa, north of Colusa, keeping a fine crew of the brothers working. Information has been received that this company has bought the Butte Creek Rock Co. from Mr. Gilbert Alon and will operate the plant in conjunction with its other enterprises.

FUTURE WORK

The Dept. of Water Resources is calling for bids Dec. 12 on a \$5 million suspension bridge to cross the middle fork of the Feather River. It will be a two-lane bridge with pedestrian sidewalks, located eight miles upstream from Oroville.

Baun Construction Co., Inc., was low bidder at \$157,743 for the reconstruction and widening of 3.4 miles of Elk Creek Road in Glenn County, west of Willows.

Teichert & Son was low at \$938,000 in a bid to the Dept. of Water Resources for initial work on the development of operational, administrative and residential areas near Oroville to be used in connection with Oroville facilities of the State water project.

The Marysville district office would like to take this opportunity to give the warmest Season's Greetings to all the brothers and their families.

Clerics Urge Bold Action

PITTSBURGH—Four hundred prominent Protestant churchmen—both lay and clergy—have issued a report voicing deep concern at "the frustrations, indignities and discouragements of involuntary unemployment" and calling for "boldness" in meeting social and economic problems.

Delegates to a conference called by the National Council of Churches declared that Christians must concern themselves with "the problem of how to expand employment opportunities" and with the need to distribute purchasing power "so that people will be able to buy the goods that the new machines produce."



WELL DRILLER: H. T. (Ted) Herr, who recently signed an agreement with our union is shown with his well-drilling rig. Brother Herr is a welcome addition to the many employers in the Marysville area. A licensed well-digger, he has been in business since 1934 and will give efficient service. For those requiring them, he has well logs available. It is hoped the brothers (and the contractors) will remember Ted when they have wells to drill.

More About Al Rains

Continued from Page 1—

erts, Camp Cook, LeMoore Air Base and Chico Air Base before entering the armed services in 1942 and serving in the European theater for 42 months.

After his discharge, he was self-employed for a while in San Jose under the business name Farmers Repair. He helped build the new Western Gravel Plant in Campbell and worked for various contractors in and around the Bay Area before moving to Nevada in 1956. Since then he has worked throughout Nevada and Northern California, mostly as a heavy duty repairman.

Rains has been a union man since 1938, holding membership at various times in the Teamsters and Machinists, and in Operating Engineers Local 3 since 1951.

He served on the committee which wrote Local 3's present by-laws and has been a delegate to important conventions and conferences such as the OEIU International Convention at Miami Beach, Fla., the Nevada AFL-CIO Convention and the Western States Conference of Operating Engineers.

Hawaii's Greeting:

'Mele Kalikimaka and Hauoli Makahiki Hou'

By HAROLD LEWIS, CLARENCE FRIEND and BERT NAKANO

A new procedure in settling grievances has been worked out with the employees of Permanente Cement Co. and State Tile. The business representatives of the union, stewards and committeemen will meet once each month to discuss grievances and the good and welfare of the union.

There will also be four quarterly meetings held during the first week of January, April, July and October to coordinate thinking in respect to grievances and also to answer any question a member may have.

The duty of the stewards will be to police the contract and discuss any grievance brought to them by a member and also to work with the committeemen of the various departments. The duty of the committeemen is to discuss any problem and working condition with the members within their department, and if any grievance is brought to them, the grievance should be presented to the stewards.

ELECTED

Stewards and committeemen nominated and elected by the employees of the Permanente Cement Co. are:

STEWARDS:

George Hussey
Emmanuel K. Flores
Adrian Silva

COMMITTEEMEN:

Wallace Berry, Packhouse
Albert Gilding, Garage, Quarry
Stephen Dutro, Kiln, Mill, Crusher
David Kaiue, Maintenance & Electric
Daniel Amaral)
Larry Curtis)
Ubencio Glimane) Labor & Gardener Dept.
Frank Torres, Quarry Truck Drivers

Stewards and committeemen nominated and elected by the employees of State Tile are:

STEWARDS:

Eugene Medeiros

COMMITTEEMEN:

Anton Medeiros, Labor Dept.
Gilbert Tanouve, Maintenance Dept.
Valentine Ah Loy, Mixer, Offbearer & Bunker
Gilbert Carlos, Truck Drivers & Highlift

Your support in the general election for the AFL-CIO's endorsements was overwhelming. Let's hope that we get more appropriations from the Legislature which will mean more work for us.

At this writing, the first phase of the Magic Island project is being completed. Our dredging boys and Brothers Lawrence Goodwin, Tommy Kilauano, Louis Leopoldo and Frederick Mahuka have put in a great deal of good, hard work. The second phase of this Magic Island project will probably start in 1963 and will put out dredgermen to work for several months.

LAYOFFS

Kaiser Hawaii Kai Development Co. has had several layoffs within the past few months. There is a lot more work to be done out at Hawaii Kai. Let's hope that this company picks up again to put our brother members to work in 1963.

Our out-of-work list is a little above its normal level. Many of our brothers have not had the good fortune to work the year 'round. It is at this time that we ask the more fortunate brothers

Hawaii Office at New Location

The Hawaii office of Local 3 has moved to a new location.

It is now in the Electricians' building, 2305 South Beretania St., Honolulu. There is ample parking space for members' cars.

to kokua the unemployed to that their families may enjoy the season that is meant for happiness.

When terminated from employment, please report to the union's office to sign your name on the unemployment list before signing for unemployment compensation. Also, your medical insurance with Hawaii Medical Service Association (HMSA) can be continued at a special rate that has been negotiated for you by your union while you are unemployed. Please come in or inquire by phone. Take advantage of this benefit!

BUILDINGS IN WAY

E. E. Black's Federal Highway project on Farrington Highway has started, but the main excavation has not begun, due to the big buildings that are still standing in the path of this future highway.

G. Kobatake's Moanalua subdivision project is being completed. They will probably start the second increment of this project in 1963.

The new Hilton Kahala Hotel being built by Haas & Haynie has started from the second floor and is progressing as scheduled. Brothers Abel Soares and Joseph Waiwaiole are both operating the new Swiss tower climbing cranes and Brother Harry Chang, just back from Christmas Island where he took part in "Operation Dominic," is operating a truck crane on this project.

Projects to look forward to in '63 are as follows:

1. Intra-State Defense Highway—Demolition contracts are being issued for Kaimuki Properties, where the first segment will be built next year.
2. The second and third phases of the Magic Island project.
3. Development of the 1,211 acre Sand Island complex—Trans-Shipments Center is being considered in the plans.
4. Several road projects throughout the Islands for which \$6.5 million was appropriated.

REMINDERS

Watch for general membership meeting notices in the Engineers News, and make it a point to attend the meeting!

The Union office is opened every Monday evening, 7:00 p.m. to 9:00 p.m., 2305 South Beretania St. (our new office). Feel free to come in and discuss your problems with the committee.

"MELE KALIKIMAKA AND HAUOLI MAKAHIKI HOU" (Merry Christmas and a Happy New Year) from all of us. Aloha!

Stockton Slowing, But Still Okay

By WALTER TALBOT, AL McNAMARA and GLENN DOBYNS

Work in this district is beginning to slow down, causing our out-of-work lists to grow. However, we are happy to state that the work load both in the Stockton and Modesto area has been better this year than it has been for the past several years.

This same condition should prevail for the ensuing year, as most of the larger jobs will carry over until next winter.

As this report goes to press all jobs east of Highway 49 (subsistence line) undoubtedly will be closed down for the winter, with the exception of Granite Construction on the eastern slope of the Sierras, O. K. Mitty & Son on the Twain Harte grade and the Clancy M. O'Dell tunnel job in Cherry Valley. These contractors expect to work through the winter.

NEW JOBS

The only significant change in new jobs going on in the district from last month's report is the Roy Price, Inc., pipeline job from the vicinity of Stan-Pak, west of Tracy, to the new natural gas wells located in the French Camp-Lathrop area. The Price outfit has approximately 27 Engineers on the job at this time, with the following sub-contractors, M. J. Ruddy & Son, Parrish, Inc., Dutra Dredging, Siller & Whisenant, Williams Boring Service, Nick Chambers Trenching Co., Musgrave Crane Service and Bigge Drayage, employing additional Engineers. This pipeline for the P. G. & E. Co., with its laterals, will be approximately 20 miles long.

Macco Corp. is keeping a few Engineers busy on the islands west of Stockton driving piling for footings for the transmission tower line extending from Cottonwood, near Redding, to Tracy.

Claude C. Wood Co. of Lodi will be moving dirt on the Ridge Road job near Sutter Creek, as they were successful bidders on the new construction and realignment for \$155,616.

BIDS EXPECTED

Proposed new work for the district is rather slow at this time of year, as is generally the case during the winter months. Some projects expected to be let in the near future are:

Stockton City Council call for bids December 10 for construction of the northwest sewer plant, estimated cost approximately \$1,250,000. Bids on this plant have twice been rejected by the Council—once because they were too high and more recently because of the possibility of getting Federal assistance.

Widening of Bear Creek, a flood control measure. Bids to be called by the U. S. Army Corps of Engineers about January 20th, for that portion from Highway 99 to Fourteen Mile Slough in the delta, with an estimated cost of \$400,000. This will necessitate the construction of three more bridges.

February is target date for the City of San Francisco bid call on construction of approximately 22 miles of the Third Aqueduct of the Hetch-Hetchy project in Stanislaus County.

Bureau of Public Roads contemplates calling for bids before February 5 on another section of the Big Oak Flat road, Highway 120, to Yosemite Park,

Personal Notes

Fresno

Congratulations are in order for Brother Jeff Cathey, proud father of a 7-pound girl.

Santa Rosa

Many thanks to our recent blood donors, John Dawson and Ellery Marsh. Duane Ringler and Ralph Bowman are new fathers of bouncing baby boys, and the Richard Wilkersons are recent parents of a charming baby girl. Congratulations. We would like to say: we hope your Thanksgiving was a bountiful one and that your Christmas holidays will be especially bright and happy.

San Jose

Bill Strong, paver operator for Granite Construction, injured his foot, when it got caught in a conveyor belt on the paver. He will be laid up at least a couple of months. Joe Givens injured his foot on the dredger, while working for Shellmaker in Santa Cruz. Brother Knight, a blade operator for Conrad Franks, has been confined to the hospital. It was necessary to amputate a finger he injured on the blade control.

San Francisco

Ed Frisbie found that one of those "minor" scratches can really cause a lot of trouble. He barked his shin and thought nothing of it, but it became infected and sent him into St. Francis Hospital. He's recovered and out now. Claude ("Pop") Scantlin, injured a while ago, is up and around with only the "horse collar" on his wrenched neck as visible evidence of the accident. L. J. McClintock is back on the job after a six-week spell of illness. Jack Lathrop was in the hospital with pneumonia and cured that, but developed blood clots in his legs and will have to convalesce a while longer.

Disptach in San Francisco made a real mistake. It sent Mike McCord out on a night job, and now he's in the hiring hall most of the day, heckling old-timers like Tom Helean, Jack Lloyd and Bob Terry . . . and the Dispatcher. When does that boy ever sleep?!!!

Sacramento

Our deepest sympathy goes out to the family of Brother Oscar "Bud" Anderson in their time of sorrow over the loss of their loved one. Recent blood donors from Sacramento were Alonzo R. Allen, Mrs. Opal Allen, Howard Baxter, Mrs. Virginia L. Baxter, Howard B. Green, Mrs. Evelyn G. Hays, John K. Litch, Stuart Moncrief, James C. Wood and Mrs. Loretta H. Young. Many thanks to all of them.

Eureka

It is with sadness that we of the Eureka office send our heartfelt sympathies to the family and loved ones of William R. Lloyd, who passed away October 10, 1962.

Stockton

Carrol Airola is now ambulating about with the aid of crutches and expressed his sincere appreciation to his many friends who did so much for him when he became disabled.

Albert McNamara, who recently underwent a spinal disc operation, is now recuperating at home with everyone hoping for his complete recovery and eventual return to the job. Mike Kraynick is now working out of the Stockton office while Brother McNamara is recuperating.

We are holding in this office several checks for Brother Willie Hogue, and mail for Brother Gordon Sadler.

Oakland

Ron Curry bagged a five point buck near Grass Valley at the close of the season. He dropped it with a single neck shot. Monte McCormick, at this writing, is in the Brookside Hospital. We hope to see Monte up and around real soon.

Bro. G. Boyle, Sr. is doing business as A-1 Water Well Drilling, 1456 "B" Street Hayward, California. His phone number is 537-2076. Much success to you, Brother Boyle. Bro. W. Schmidt of 5691 Circle Drive, El Sobrante, is in business as Schmidt Son's Crane Service. His phone number is 223-0282. Wishes for a speedy recovery to George M. Parker. George had a week in the hospital but is home now and doing fine.

San Rafael

Our thanks to Hans E. Fischel and Chas. Snyder who donated blood in October. We could use more blood donors. Our Blood Bank is low. Please help out by giving up just a little of your time and make a donation. Our blood bank is located at 506 -4th St., San Rafael. Thank you.

Bro. Ed. Firsbee is hospitalized at St. Francis Memorial in San Francisco and used 12 units of blood, three units of which were released from our Blood Bank.

Bro. Bill Gaffney, Technical Engineer who is an Air Force Reservist, has been called back to duty and has taken out a service withdrawal card. Also Bro. S. F. Orchard Jr., oiler who entered the Army on Nov. 27th. Best of luck to these boys. Brother Wm. E. Harnit dropped in to say goodbye. Going to West Pakistan for G. F. Atkinson for 2½ years as superintendent. Picked up year dues for 1963 and 1964.

Fresno: Lots of Jobs, More Men

By JOE MILLER,
B. F. (TINY) HELLING
and GLENN MULLOWNEY

The Fresno area is very active with many jobs of all kinds going and with more work coming out, but our number of men unemployed is also growing every day.

The reason for the out-of-work list increase is two-fold. First, it is brought about by the seasonal influx of men from the mountain jobs and northern areas where work is closing down for the winter. The second reason, of course, is the influx of men into the area because of the San Luis Project due to the wide publicity given to the project.

Bids will be opened on the San

Fresno Checks

Checks are being held in the Fresno office for the following members: Fred Burnett, Edward Marshall, Wes Bowman, Carl Harmon, Joe Haslower, Tony Hunsaker, George Jobe, Kenneth Trammel, Floyd Welch, Lavel L. Davis, John Faria, Merel McLaurry, John L. Vierra, Herschel Goodman, Dan Carpenter, Frank Williams, Phil Serpa and R. J. Scruggs.

These checks must be called for in person, as the company wants the signature of each man.

Luis Project December 18, but this doesn't mean that the job will get rolling full blast right away. There is much preparation to be done before the actual dirt work starts. We don't expect the dirt moving spreads to be on the job for at least six months, as there will be a lot of drilling and grouting that will have to be done and a concrete core must be in before the dam can be started.

TRANSFERRING

Stockton Construction Co. is nearing completion on their North Ave. sewer project and are well along on the Marks Ave. project. They have some new work in the Sacramento area, and some of the operators are being transferred to the other jobs. Valley Excavation has been paving

the North Ave. job and well along with it.

Valley Engineers has two pipeline jobs (sewer and storm drains) going in Fresno at present. They have been on these projects only a short time and have a lot of work to do in both the Chestnut Ave. and Clovis Ave. jobs.

M & K and Moseman are still busy on the structures on the freeway project in Fresno and will have the job far enough along to start moving dirt again early in the spring.

WEBB CENTER

The Del Webb Center finally is starting to grow. They have been pouring concrete and placing steel in the basement section, and the first floor should get underway very soon. This project should last about two years.

We expect to have a very good season this year, and beginning next year this area should be in "high gear" with a lot of work and a large increase in the amount of members working.

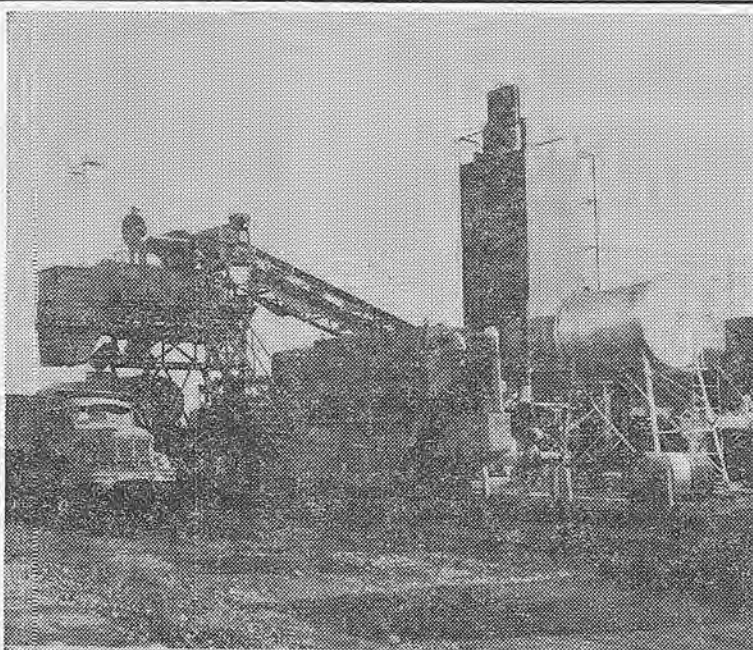
In the Merced area, Peter Kiewitt has started to move on their freeway job. Standard Materials, Inc., will furnish all of the base rock and concrete aggregate. They are going to locate a crushing plant on Bear Creek to make the material for this job.

Hatcher Pipeline Co. has a \$9,000,000.00 water supply job at El Portal for the Park Service. They are having to drill and shoot about half of their trench but are making good progress with their hydrahoes.

COMPLIMENTS

A. Turrin & Sons have a small contract for the U. S. B. R. at the San Luis Dam site to open up a quarry face on top of Basalt Hill. This is a very interesting job due to the fact that there will be 14 million yards of rock taken out for the rock zones of the dam. In the last month representatives of all of the major contracting firms in the U. S. have been on the job site to estimate their cost to move this mountain.

Turrin & Sons operators have given Local 3 and themselves a lot of good publicity because they are moving this rock in a



NEW AND NEAT: The Local 3 brothers running it are proud of this new Barber-Greene plant at the Miles & Sierra job at Lemoore Air Force Base. Ray Rutledge is the operator, Oscar Clark the oiler.

very remarkable manner and are being observed by these visiting contractors. We have heard many compliments from these people on our members' abilities.

McGuire & Hester on their Madera Canal job have sub-contracted the poured-in-place pipe to Cecil Sand & Gravel Co. They are going to start moving dirt on five miles of open ditch this week, using A. L. Craft's cats.

T. M. Page Co. will finish the levee job in Merced county in December, but have another contract coming up at Mendota that should keep this equipment busy till next summer.

Miles & Sierra at Lemoore have started the blacktop at the gate of the Lemoore Airbase and also have the cement treat crew ahead of the blacktop crew. This company has 35 Operating Engineers working and will be good until about March of next year.

Richard Moseman & Co. have

subbed the dirt to Fresno Paving. They were low for approximately \$2 million and have started moving dirt. This job will be on Highway 198 through Visalia. Moseman will do all 13 structures and will start about January 1.

ONE-YEAR JOB

Gordon Ball was low bidder at \$1,700,000 for the Highway 190 job in Porterville. This will be a good dirt job for about one year.

Griffith Co. has finished their job at Tipton. Fresno Paving has started putting crushed rock on their job at Five Points, and blacktop will start January 1.

Brothers, the Holiday Season is here once again, and all of us at the Fresno office—Joe, Tiny, Glenn, Jerry and Shirley—wish you and your families the Merriest Christmas and most prosperous New Year and thank you all for your cooperation and assistance during the past year.

The Income Gap— RICH RICHER, POOR POORER

WASHINGTON—While most Americans are better off financially than they were five years ago or 15 years ago, the gap between those at the top and bottom of the economic ladder shows no signs of narrowing. In fact, it has widened slightly in recent years.

This unequal division of U. S. wealth is analyzed in Labor's Economic Review a feature of the November issue of the American Federationist, official AFL-CIO magazine, prepared by the Dept. of Research. The analysis is based on the latest available data, including a new government survey.

Despite statistics showing steady growth in "average" family income, the gains have been unevenly distributed, the study shows. Neither high tax rates on high incomes nor the impact of welfare legislation has brought about any leveling of the extremes.

In 1955, for example, the high 20 per cent of the nation's families received 43.2 per cent of the total after-tax family income, while the lowest fifth had only 5.2 per cent.

By 1960, the family income of the bottom 20 per cent had gone up \$205, while that of the top 20 per cent had risen \$2,485. As a result, the top fifth received 43.8 per cent of the total income, while the share of the bottom fifth had slipped to 4.9 per cent.

A U. S. Dept. of Commerce study on family income distribution "establishes these major points," the AFL-CIO analysis declared:

- "While postwar family income averages have been rising significantly and all income brackets have benefited, the gain of the neediest has been shockingly small and the income share of the groups at the bottom of the scale actually has been going down.
- "About two-fifth of all Americans live in families with incomes still too low to provide the minimum essentials of comfortable and decent living."

The AFL-CIO analysis also cites a study of wealth accumulation by Prof. Robert Lampman of the University of Wisconsin dealing with the percentage of the nation's personal wealth held by the richest 1 per cent of U. S. adults.

While the personal wealth of the top 1 per cent dropped from a high of 36.3 per cent in 1929 to a low of 20.8 per cent in 1949, the percentage has been moving up since then. In 1953, it was 24.2 per cent, in 1956, 26 per cent, and in 1961 the richest 1 per cent owned 28 per cent of the nation's personal wealth.

This has been accompanied by a rise in the number of millionaires from 27,000 in 1953 to about 100,000 by 1961 and an increase in the "very rich," with wealth of \$5 million or more, from 2,000 to 10,000 during the same period.

A Variety Of Jobs in Nevada

By H. L. (CURLY) SPENCE
and BU BARKS

Isbell Construction Co. is well along with their freeway job on Interstate 80 from the California-Nevada State line to Verdi, Nev. They have most of the concrete in for the bridge across the Truckee River and for the overpass over the Southern Pacific railroad tracks.

Isbell's operations at the 2nd Street pit and around Reno have been good most of the year; with Brother Bill Boegle, the superintendent, and Brother Norman Bailey pushing the operators, it just has to be good or else!

The George Griffal Co. has two backhoes digging the basement and foundations for replacement of the Golden Hotel, which burned down in Reno. It will be an outstanding hotel and casino when finished. Halvorsen Co. has the general contract.

HARRAH'S

Stolte Co. is well along with the new Harrah's Club building at 2nd and North Center Sts. in Reno. They have the steel in for the second floor below the street level. The other two stories will start real soon.

American Bridge & Iron has topped out on the 16-story First National Bank building at First & No. Virginia Sts., Reno. L. E. Dixon has the general contract.

Robert Helms Construction Co. has all of the grading of streets and foundations and basement for the Sproul Housing project on W. 7th St., Reno.

Utility Construction Co. has almost finished their part of the Incline Village project at Lake Tahoe. Just a couple of pumping stations to complete.

C. Dietrich Co. has the full crew working on the gas main in the Sproul Homes project.

Bechtel Corp. are laying approximately 3½ miles a day of the 16-inch pipeline from the Idaho border to Reno. About 40 of our brothers have been making good pay checks on this hi-ball job since the first part of September.

Industrial Construction Co. of Las Vegas have the 10 miles at Brady Hot Springs under way with a small crew. The rest of the equipment and crew will be moved from the Eureka job in the next few days. This job will occupy about 20 of the brothers through the winter.

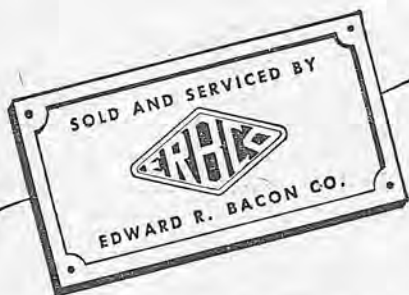
ROADS

Silver State Construction Co. is working on the Fernley to Silver Springs road, a 14-mile stretch. This one will keep 20 to 25 of our people working through the winter.

Anaconda Co. is still mining copper at full scale. The brothers here are enjoying a six-day work week. We have had a few minor beefs in this operation, but from an overall standpoint, this operation keeps about 250 men working on a year-round basis. A new addition is being made to the flotation plant, the machinery being moved from Montana.

The Leviathan mining job has come to a close. This has been a good job since April for several of the brothers.

Wishing everybody a Happy Holiday Season and a very Prosperous New Year.



This name plate stands for **quality** equipment, machines, tools and supplies!

On **YOUR** job this means top performance, backed by competent field service and a good stock of parts.



get it from

EDWARD R. BACON COMPANY
CONSTRUCTION EQUIPMENT

Folsom at 17th Street, San Francisco 10, California HEmlock 1-3700
Sacramento • Oakland • Fresno

Oakland: Livermore Canal in Full Swing

By DON KINCHLOE, L. L. (TINY) LAUX, NORRIS CASEY, FRAN WALKER and "RED" IVY

The downtown Oakland area is picking up with Guy F. Atkinson getting approximately two miles of the MacArthur freeway to the tune of some \$5 million. This company is now in the process of setting up offices and shop area. The equipment is now being moved in. This project should supply work for some 15 brothers at the start with more being added as the job gets under way.

The Naval Air Station in Alameda should be going soon on the \$2 million Capehart Housing Project.

The equipment dealer shops in the area are working very well. The new agreement has been signed, and the employers have paid the retroactive pay and are looking forward to having a good year in 1963.

MANY SMALL JOBS

There is no end to the number of small jobs around the area with McGuire & Hester, Independent Construction, Gallagher & Burk, Bashnick Co., Ransome Co. and many others doing underground and street work. Weather permitting, we should have a number of the brothers working.

Work in Southern Alameda County is still holding up exceptionally well. Most anywhere you look in the downtown areas there is a new apartment house being built. In the open areas new housing tracts are going up. In the Livermore area two major ones have started in recent months.

McGuire & Hester are in full swing on their canal job in Livermore. This consists of approximately seven miles of canal. It starts at the Patterson Pass Reservoir and runs to the Veterans Hospital. This job is being done for the State of California Dept. of Water Resources and is known as the Alameda Division Canal, South Bay Aqueduct. Completion date is approximately August 1, 1963.

BIG DITCH

There are some 500,000 yards of dirt to be moved in the excavation for the canal. This will be roughed-out with the earth-moving equipment, then finished with a dragline. The final touches will be done with a trimmer, then the whole thing will be lined with concrete.

There will be some 1380 feet of

84-inch pipe used as siphons under the road crossings and creek crossings. There will be numerous structures and bridges to put in.

Brother Ben Sandkulla is the project manager. He has the job going real smooth at this time. If it doesn't get too wet, they should be able to work through the winter.

Under the direct supervision of Brother Ben are Brothers Clint Reed, Virgil Guptill and Cliff Winistoerfer, foreman.

Brother Bill Crowder will be superintendent in charge of the trimming and lining. At this time he has Brother Jack Armstrong assembling the trimmer.

THE CREW

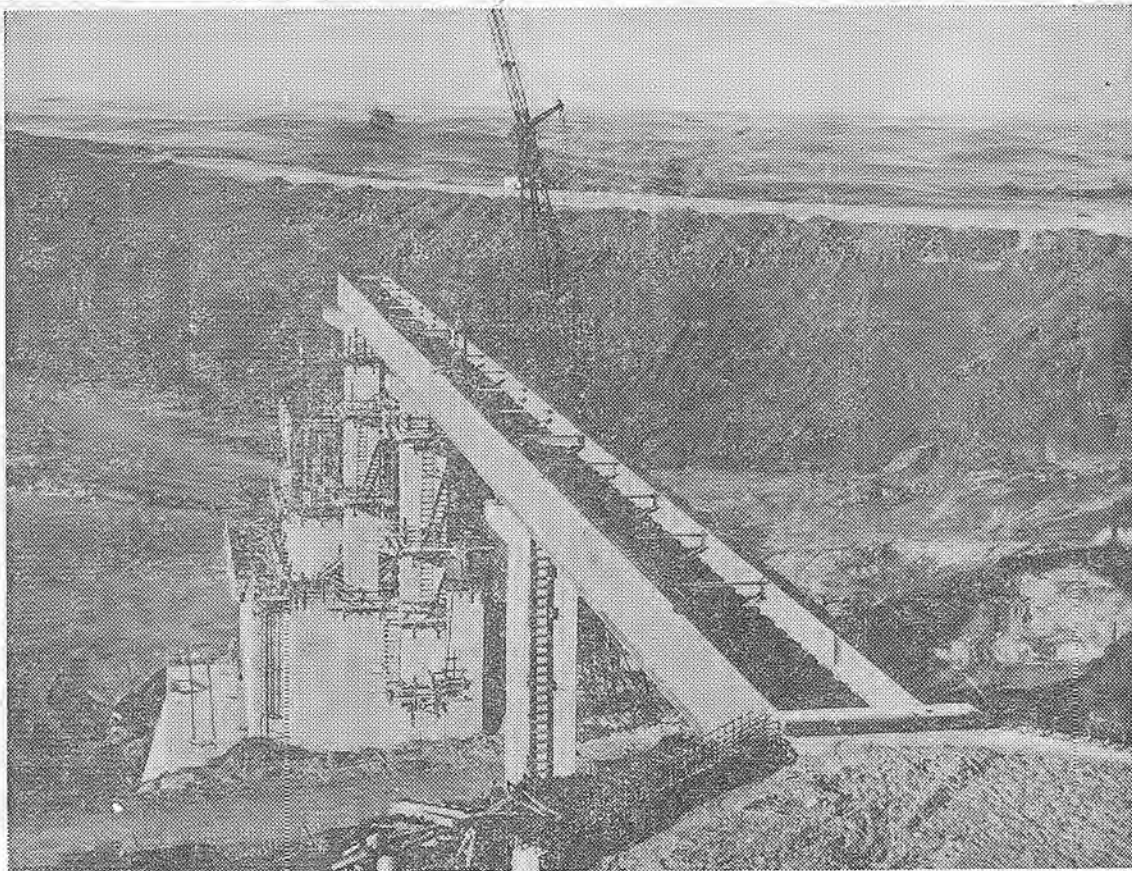
The mechanical crew consists of Brothers Garland ("Tex") Bedford and Clarence Peterson, mechanics, and Brother Everett Van Tassel on the grease truck.

The following Brothers are employed on this job: G. L. Bedford, mechanic; Clarence Peterson, mechanic; Everett Vantassel, grease monkey; Cliff Winistoerfer, foreman; Turner Hayes, DW-20; William Hawley, DW-20 comp. operator; Lawrence Morgan, D-8 operator; James McGuire, D-9 operator; Thomas Shanklin, D-8; Frank Snow, blade; George Huntsman, grade checker; M. F. O'Dale, grade checker; Clint Reed, foreman; Dale Johnson, DW-20; Frank Enright, DW-20; Harold Cornelius, D-8½; Leo Pullan, D-8; Alfred Jensen, blade; S. D. Pyle, blade; Felix Coronado, grade checker; Otto Fink, grade checker; Fred Leake, dragline; Henry Anderson, oiler; Keith Nelson, dragline; Chuck Washburn, oiler; Kenneth Wilson, loader; Virgil Guptill, foreman; Horace Stone, grade checker; Leo Lemanski, loader; Richard Weldon, backhoe; Edgar Rankin, backhoe, and Edwin Card, oiler.

HOLDING CHECKS IN SACRAMENTO

Checks are being held in the Sacramento office for the following brothers:

C. S. Bradley, J. Clark, John E. Corburn, Richard J. Dallen, Robert L. Findley, D. Garrett, Wayne M. Hausauer, James W. Harrison, Alvin Kirby, Bennie Lovett, James Maupin, Wm. F. Robblee, Don M. Randall, Eric Risley, Lawrence Scheeler, Michael W. Stark, J. E. Thomas, Kenneth Wheeler.



A SPECTACULAR VIEW of the construction of the Block Butte Dam, located about nine miles northwest of Orland, being built as a cooperative venture between the State of California and the United States government as a combined flood control and irrigation project. It is being constructed under the direction of the U. S. Army Corps of Engineers and is located on Stony Creek. It is scheduled to be completed next year. Structure in the foreground will be the control tower.

Redding Report

PG&E Lets Pitt-McCloud Tunnels

By J. B. JENNINGS and S. N. McBRUOME

Pacific Gas & Electric Co. awarded contracts for access and two tunnels on its \$91.6 million McCloud-Pit hydroelectric project in Shasta county.

J. F. Shea Co., Inc., Henry J. Kaiser Co., Morrison-Knudsen Co. and Macco Corp. were given a joint contract for seven-mile tunnel 17 feet in diameter and a three-mile tunnel 13 feet in diameter.

Harms Brothers of Sacramento and Piombo Construction Co. of San Carlos will build access roads to the two tunnel areas. Work on these roads should begin very soon.

Gibbons & Reed Co.—Lewiston-Whiskeytown and Debris dams nearing completion. The brothers are nearly done on the pyramiding of rock and earth at Lewiston and Whiskeytown and Spring Creek Debris Dam.

Completion dates for the Spring Creek tunnel and project's three powerhouses will come within the next 18 months. The powerhouse projects under contract with Gunther-Shirley and Lane, which is installing electric turbines made in Japan, England and the United States.

At present, Whiskeytown dam is 95 per cent completed. Some 200 men were working three shifts at Whiskeytown to complete a barrier containing over 4 million cubic yards of rock and earth.

At the \$13 million Spring Creek tunnel project, workmen are busy with an intake siphon to collect tunnel segments. This will finish about the 1st of May.

Ransome Co.—The boys have been working great guns. At present they are starting to pave on Fredrickson & Watson's 9-mile hill freeway job. This job should be completed by Christmas—weather permitting. Stolte & Stephens have approximately five operators working—these members will continue working

through the winter on the bridges. Vinnell Diversion Dam—is still going great guns on their dam at Red Bluff—the brothers are working 5-8s. J. Shea Co.—the brothers are still working on the Dersch road job, with approximately two weeks remaining.

COME THE RAIN—As of this writing the rain has begun to fall—many of the jobs will be down for the remainder of the winter. We are hoping some of the brothers will be kept busy with work on the PG&E project. We are

keeping our fingers crossed, hoping they can do some winter work on this project.

We are still holding checks for the following:

Edward J. Evans, Charles Pierson, Kenneth Coonce, E. D. Baker, Frank Skala, J. G. Gray, W. McIntosh, B. Plunkett, A. B. Johnson, Wm. Hancock, F. K. Corbit, Ralph Major and C. H. Flowers.

Merry Christmas and a Happy New Year to all the members of Local 3 and their families from the Redding office staff.

Deaths

Name	Initiation Date	Died
Jack Reasor, Pittsburg	6/16/41	9/21/62
Charles W. Sears, Eureka	11/19/61	9/ 4/62
C. R. Courier, Josephine City, Ore.	6/ 7/57	9/ 6/62
Jess B. Naegle, Cedar City, Utah	11/ 1/52	9/28/62
Charles E. Garn, Sandy, Utah	8/ 8/61	9/23/62
Jesse Reidinhour, Madera	5/ 3/52	9/10/62
Theodore R. Garrison, Vacaville	5/ 4/57	8/31/62
Joseph Campbell, El Cerrito	1/ 5/46	10/ 7/62
Darrell J. White, Murray, Utah	8/ 1/42	10/11/62
Floyd L. King, Fresno	9/ 2/50	10/ 3/62
John E. Silva, Livermore	3/ 2/46	10/16/62
M. M. Watson, Grass Valley	10/ 1/39	10/ 1/62
R. E. Stowell, Sacramento	6/ 3/44	10/18/62
William R. Lloyd, Smith River	3/10/39	10/10/62
C. L. Casebolt, Lafayette	11/19/23	10/ 8/62
Arthur A. Thorne, Dunsmuir	7/15/38	10/25/62
Allen M. Harry, Vacaville	10/ 5/57	10/18/62
Robert L. Morris	7/ 1/57	10/ 7/62
Don E. McCleary, San Jose	4/ 5/41	10/26/62
G. R. Limbach, Oroville	5/ 2/53	10/24/62
H. Steffens, Salt Lake City, Utah	12/ 4/43	10/31/62
Alexander Sukalo, San Leandro	8/ 2/59	10/17/62
Thomas T. Fujimoto, Hilo, Hawaii	9/11/60	8/23/62
B. M. Stewart, Tucson, Ariz.	6/ 6/42	11/ /62
R. R. Corrie, Burlingame	8/ 5/05	11/ 9/62
Leroy R. Morse, Manteca	4/ 5/47	11/12/62
A. G. Farmer, Los Gatos	6/ 7/59	11/13/62
Jack Cook, Antioch	10/ 1/55	11/14/62
O. A. Anderson, Carmichael	3/ 7/42	11/16/62
Frank A. McKay, San Francisco	8/ 6/41	11/19/62
E. D. Bradley, Stockton	5/24/48	11/24/62
Clark R. Evans, Springville, Utah	8/ 6/55	11/ /62
Ike M. Bennett, Kimberly, Idaho	5/13/57	11/20/62
James Leroy Todd, Orangevale	12/31/42	11/10/62
E. A. Devereaux, Belmont	8/ 7/43	11/27/62
Robert H. Johnson, Newcastle	8/ 3/46	11/19/62
C. K. Davenport, San Francisco	8/19/39	11/29/62

Pensions

Effective Date	Effective Date
NORMAL	
Cross, Charles N.	12/62
REDUCED	
Caton, Manuel F.	2/63
Coker, Al	2/63
Goldie, Grover	10/62
Holtz, Emil	2/63
EARLY RETIREMENT	
Russell, H. G.	2/63
DISABILITY	
Beckwith, A. D.	7/62
Cahill, H. J.	9/62
Croxen, L. R.	5/62
Isaak, E. L.	10/62
Michelsen, H.	2/63
Stover, G. M.	1/63
Sunderman, L. G.	2/63
Welter, Peter	11/62
Whitehorse, P. C.	12/62
Kieper, Eugene	2/63
Nedrow, L. A.	2/63
Nichols, J. H.	4/62

Sacramento Starting To Slow Down

By E. M. NELSON,
ED HEARNE,
W. E. METTZ,
AL DALTON
and CLEM HOOVER

The Sacramento area has started to slow down. Some of the mountain jobs are through, and others are cutting back. The Subdivision work is still holding up.

We still are having some bad accidents. Brother Bud Anderson was killed Friday, November 16. He was starting a blade. The main motor was in gear and still hot, so when he pulled in the starting motor clutch, the main motor started and ran over him.

Brothers, you cannot work too safely, so be careful.

Anyone who can give blood, please do so, as we are in need of it.

Granite Construction Co. is going strong, with 20 Engineers at Sunset City working on underground and street work. They plan to have it largely finished before the first of the year.

Beasley Engineers have completed the sprinkling systems for Malbaff Landscaping. Grading and seeding the golf course is being done by Eli Brown, an old-timer at this type of work.

ROCK PLANTS BUSY

The rock plants around Auburn are still going good. Joe Chevreux at Meadow Vista keeps nine Engineers busy. California Rock at Pilot Hill has seven operators. Miles at Colfax has five Engineers at the plant on the Bear River. Hansen Bros. screening plant on the Bear River keeps two and sometimes three brothers on the payroll.

Clements Rock at Truckee are in the process of closing down their operation for the winter. This plant worked two shifts most of the season and looks like a good place to go to for the next couple of years.

H. Earl Parker may get caught short trying to finish the Truckee-Brockway job. We hope the weather holds for them, as this is the last section to be finished on the short-cut to the north shore area.

Briggs-Conley-Dennis have holed through to Donner Summit. They still have a full crew of Engineers. This job will go again next year on the sub-grading.

Guy F. Atkinson at Emigrant Gap has paved the downhill lane and are using it for two-way traffic while excavating the uphill lane at Rancho Sierra.

Briggs-Conley-Dennis are going two shifts at Cisco Grove with all top producers at the controls.

Fredrickson & Watson have closed down their structure operation for the winter but will be back next year to finish up.

Fredrickson & Watson and Lew Jones have shut most of their jobs down on the Yolo Causeway.

U. C. DAVIS

Over in Davis, at the University, several contractors are busy. Lathrop Co., Baldwin Construction Co. and Rothschild, Raffin & Werrick are all busy on various buildings. Baldwin has started their underground job for the new married student housing unit.

In Woodland several small jobs are going, mostly jobs that the contractors are trying to finish up before the winter rains.

R. C. Mahon Co. have com-

SACRAMENTO SHIP CHANNEL

Deepwater Port 80 Miles Inland



OTTO WIE, a leverman on the dredge Papoose, has been manipulating these controls for just over three years on the Sacramento-Yolo deep water channel job. "I think I've had only two weeks off in all that time," says Otto, a 25-year member of Local 3.



ONE FINGER UP is the hand signal for 31 feet, as Gene Sullivan, deckhand on the Papoose, takes sounding out on the catwalk over the area where the dredge's hydraulic intake head is churning up the bottom of the deepwater channel and pumping away the muck. Gene is also a 25-year member of the union.



IT GOES IN HERE: The hydraulic dredge Papoose is shown here at work in a stretch of the deepwater ship channel where a plug has just been cut through, in the Cache Slough area. The A-frame boom controlling the suction intake is at the front (right). Several hundred feet of flexible-jointed pipe on pontoons carries the muck away at the rear (left). Three shifts man the dredge on a 24-hour basis.

pleted the steel on the Retirement Building at 9th and O. Continental & Heller will start their part of the building and complete it some time in 1964.

Lentz Construction Co. are really tearing up 3rd Street with their pipeline job and will keep some of the brothers busy for part of the winter.

The Peter Kiewitt Sons job in Union Valley is near completion. They have been moving their equipment out before the snows come.

Donald M. Drake Co. are still working on their power plant job at Union Valley Power House. Ets-Hokin & Galvan will be setting the penstock on this job.

M & K Corp. are making good progress on their power house job. The Deerborne Co. are setting the penstock.

At this writing, Hardiman Con. Co. have over 1200 feet of tunnel and are drifting fast. They have also made good progress on their road job into Bucks Island.

J. A. Jones Const. Co. at Loon

Some time late next year or early in 1964 an observer standing in a rice field in the flat, fertile Sacramento delta area may think he is seeing a big ocean vessel steaming across dry land in the direction of Sacramento.

He will not have to have his eyesight or his head examined. It will be truly an ocean-going vessel, sailing up the Sacramento-Yolo deep water ship channel.

For landlocked Sacramento, 40 miles from deep water in Suisun Bay and 80 miles from the Golden Gate, is in process of becoming one of the world's great seaports.

And dredgers members of operating Engineers Local 3 will have had a major role in making this engineering and construction miracle possible.

HYDRAULIC DREDGING CO. of Oakland is now winding up the job of digging the ship channel. In the final phase of the work, which has been going on for three years, Hydraulic Dredging has removed over 21½ million yards of material from one 9.1 mile stretch of the channel and over 18 million yards from another 8.9 mile section, which were awarded as separate contracts totalling over \$10 million.

The dredges recently broke through one "plug" in the channel and have only to dig out the other "plug" and do some clean-up work before the entire channel job is finished, probably early next year.

Full use of the waterway project will have to wait, however, upon completion of docking and materials-handling facilities at its Sacramento terminus, which will take some time longer.

WHEN COMPLETED, the entire project will bear a \$55 million price tag and will have been

some 16 years in the making. The Sacramento-Yolo Port District was formed and the initial bond issue passed by the voters in 1947.

Ground was broken in August, 1949, and 12 miles of harbor and channel levees were constructed and four miles of channel completed before the Korean War halted construction in 1951. Work was resumed in 1956.

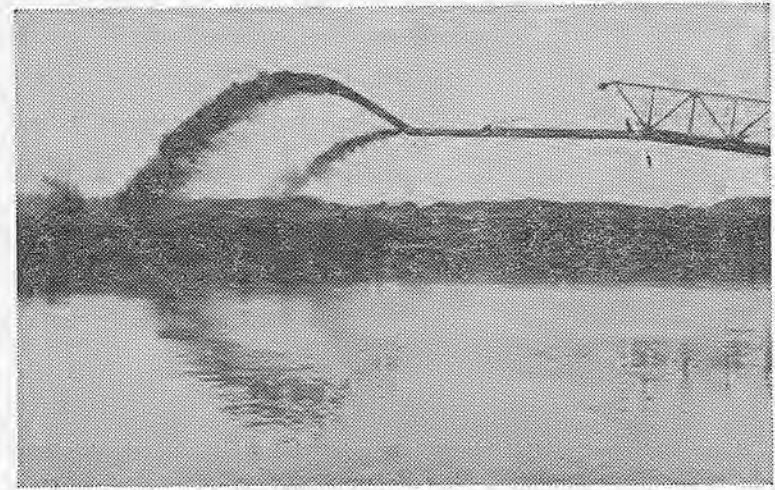
The ship channel will be 43 miles long and dug to a depth of 30 feet. Already completed is California's first and only navigation lock, 86 feet wide and 600 feet long, connecting the Sacramento River and the Port Terminal, to permit shallow-draft barges to bring cargo from inland areas to the terminal.

The terminal will include 3,000 lineal feet of wharves, with berths for deep sea vessels and 180,000 square feet of covered sheds adjoining, a barge slip and great grain elevators with conveyor loading systems.

THE PRINCIPAL FREIGHT going out of the port is expected to be rice and other grains. The Sacramento Valley produces 90 per cent of the rice grown in the 11 Western states.

Other crops grown in the more than 2½ million acres of cultivated lands surrounding Sacramento make it the nation's largest fresh fruit and vegetable shipping point and home of some of the world's largest canneries. Lumber and forest products and petroleum and cement will also constitute a large bulk of the cargo.

Consultants estimate that the port will handle more than three-quarter million tons of cargo by 1968 and that much additional shipping, including 4 million tons of petroleum and cement will transit the deep water channel.



AND IT COMES OUT HERE: A black stream of mud pours out of the "snorkel" specially designed and built by Hydraulic Dredging Co., disposing of muck pumped up by the dredge Papoose from the bottom of the Sacramento-Yolo deepwater ship channel. The spoil is being placed on a portion of Lower Prospect Island acquired for this purpose by the Sacramento-Yolo Port District.

Lake dam are still employing a lot of the brothers. This job will go until bad weather stops them. Schutt Const. Co. are still clearing for the Loon Lake area.

Fredrickson & Watson are still on their freeway job west of Placerville on Highway 50, with crusher at Coon Hollow and hot plant at Coloma.

Lloyd Maxam was very badly burned while he was working on the grease truck at Peter Kiewitt's Union Valley dam. Let's

thank Bob Baxter for his quick thinking. He held Lloyd down on the ground and smothered the fire.

Lentz Constr. Co. has started on the new Rio Americano Senior High School. Campbell Constr. Co. is the prime contractor, and Lentz is subcontracting the excavation and fill.

The Northeast Sewage Treatment Plant is just about finished but will see only limited service until the main trunk line is completed some time next year.

Good Weather Hastens End of Jobs in Utah

By JAY NEELEY, MERLIN BOWMAN, JOHN THORNTON,
VANCE ABBOTT and LAKE AUSTIN

The largest highway contract ever to be let by the Utah Department of Highways is more than half completed and ahead of schedule, according to the Gibbons & Reed Co., contractor on the project.

Sixty per cent of the grading and drainage contract between 8th and 18th South on Interstate Highway 15 west of downtown Salt Lake is finished. This project required some 2.5 million cubic yards of borrow, and the road contract calls for completion of the project in 400 working days.

This job has been supervised by one of our brothers, Dave Warnick, project superintendent under Ron Jones, area manager for Gibbons & Reed. It started around July 20, 1961, and they expect to be finished by autumn, 1963.

INDIAN SUMMER

Due to the wonderful Indian Summer here in Utah, many of the brothers have been able to get in some extra hours; usually, at this time of year, the weather is mighty cold and miserable. Many of the contractors in town were able to finish a lot of work that wasn't expected, and as a result, the out-of-work list is not nearly as large as in previous years.

In downtown Salt Lake we have the Federal Building, Prudential Savings Building, Mountain Fuel Supply addition job, hospital jobs as well as the new gym going on at this time. Yet with this work and the alterations going on in the other buildings, we still only have about 35 brothers working on these jobs.

The road jobs are making hay right now, with some of the scrapers and dozers working full blast from early morning to sundown.

On Tiago's freeway job most of our brothers are getting in some good hours to beat the weather. On the 24th South Freeway there is some equipment on the clearing, and if the snow doesn't get too deep the job should be able to work this winter. Gibbons & Reed's job also should be able to work this winter.

Bob Weyher Construction has some pipe work going on around town.

Utah Sand & Gravel plants are starting to reduce the working force and their equipment is headed for the repair shops. The prestress yard is still working, hopes to go on at least another month. The Cottonwood plant has had some breakdown problems recently.

KENNECOTT LAYOFF

At the Kennecott Copper Mine in Bingham Canyon, because of the reduced work week, some of our brothers have been laid off, but fewer than the other unions. We are hoping that the mine will go back on a seven-day week soon.

Our Chief Steward, Reed Erickson, and Tom Bills, shovel steward, Kay Stewart, crane steward, and Joe Badovinatz, dozers, have been doing a very good job on the safety program with full cooperation of the company.

Work in the Provo area generally is coming to an end, but due to the beautiful weather our

out-of-work list has been reasonably low. At this writing there are 70 "A" operators and oilers on the list in the Provo office.

Arch Dam Constructors placed the last bucket of concrete on the main part of the dam this week, which means more Engineers will be laid off. However, there should be work till late spring completing the dam structure over the spillway tunnel and dismantling the batch plant, cableway and aggregate plant.

There is a race against the weather by Witt Construction Co. and Ralph Child Co. to complete boat ramps on either side of the reservoir a couple of miles above the dam. This work will probably be held over till spring.

SAFETY PROGRAM

The joint safety program between the Union and S. F. Chemical Co. is proving a success. An on-the-job safety meeting is held on the second Tuesday of each month, at which many constructive suggestions are made by the members, and accidents since they began have been minor.

Members working for the San Francisco Chemical Co. should remember the union meeting is held the second Tuesday of each month at 6:00 p.m. in the Uintah County Courthouse Auditorium. For the construction members in the Uintah Basin area, at 8:00 p.m. on the second Tuesday.

Engineers on the payroll for Consolidated Western at Geneva are now receiving the new wage rates and conditions negotiated under the Steel Erection Agreement. We wish more of our brothers could benefit by this agreement.

The very fine weather in the southern area this fall has reduced the out-of-work list, but also hastened completion of some jobs. However, there has been some new work let in the extreme south that will provide work for a few people.

JOBS CLOSING

Grade work on W. W. Clyde's job at Moab is down into the weeks, with the gravel going on. This is the access road to Potash.

M. K.'s job is winding up the lining of the tunnel at Moab. They are well ahead on the D & R G Railroad alignment at Cisco.

The pumping station being built by Fluor Corp. in the Book Cliff area of Eastern Utah has smoothed out and is going well with approximately eight Engineers on the job.

Vinnell's project at Beaver is finally in full swing, and the brothers are making the dirt fly. If the weather holds there is enough work to last until near the end of the year.

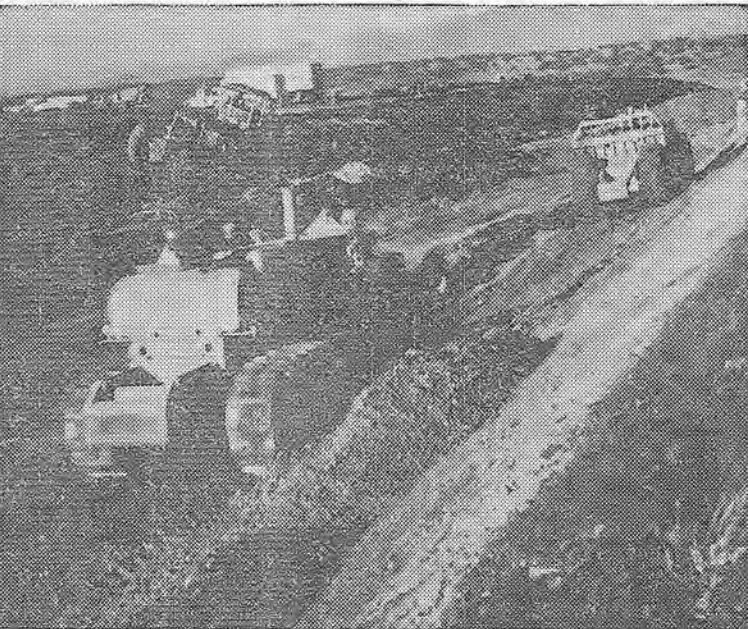
Work in the Northern area is holding up very well in spite of the heavy rain we had. W. W. Clyde Co. is still working about 100 brothers on the Willard Bay project. Most of this will shut down when the weather gets bad.

Strong Co., from Springville, have moved in on their Weber Canal job west of Ogden. They are planning to work all winter while the water table is low, weather permitting.

Don't forget the monthly meeting in Ogden, December 10, and the quarterly meeting which will

be held in Salt Lake City on December 14.

The business representatives and office personnel here in Utah wish to extend to all of our members and their families the season's best. May you and yours enjoy a joyous Christmas, and may the New Year be filled with happiness, good health and prosperity.



SCRAPER SPREAD: This is part of the scraper spread on the Vinell job at Beaver, Utah. Good weather has allowed the crews to make dirt fly, and like many other dirt jobs, it should be finished by the year's end.

Best Gift for Family-Healthy Wage Earner

"KEEP '63 ACCIDENT FREE"

We are passing on to you the slogan that has been adopted by the National Safety Council for this coming year.

We hope to be able to step up our safety efforts to further this goal of the National Safety Council.

As more and more of our men start taking an active interest in our safety problems, we are beginning to see results.

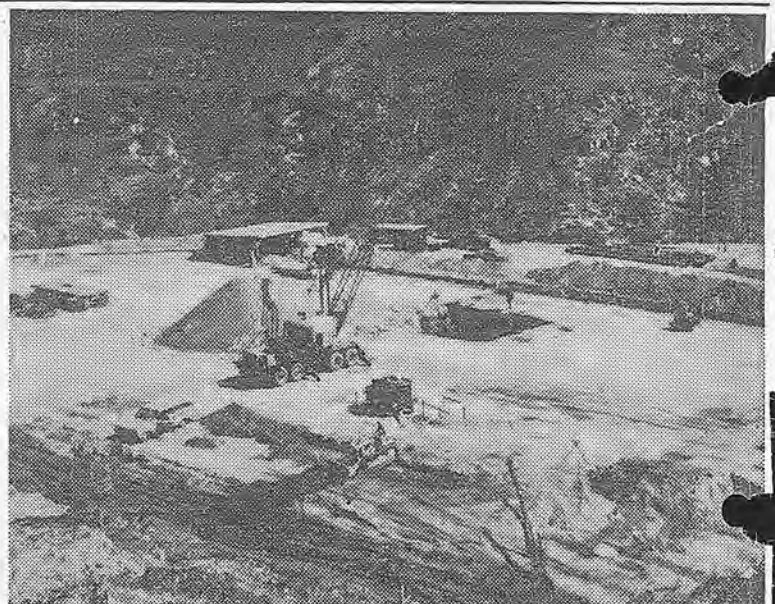
We are getting more calls from people in the field as time goes by, and we have been able to straighten out most of the problems that have been brought to our attention. We appreciate the calls from our members who encounter safety problems, and we hope that there will be even more of them.

Last month this report in our paper asked the fellows to send in suggestions for changes in the State's construction safety orders. We have received some suggestions already, and we hope to hear from lots more of you in the near future.

As we approach the holiday season, we would like to remind you that the best present you can give your family is a healthy wage-earner, so be alert!

FREE HEARING AIDS

NEW YORK—Free hearing aids will be supplied retired members of the National Maritime Union under the NMU Pension & Welfare Plan, Pres. Joseph Curran has announced.



JUST A HOLE in the ground now, but this will be the site of a gas pumping station being built in eastern Utah by Fluor Corp. for Sinclair Oil.

Year-End Slump At Vallejo

By AARON SMITH

With the closing of the year 1962 almost in sight the work picture for Vallejo is slowing down, with many jobs completed and many near completion.

D. D. Altermatt, and McGuire & Hester on the Solano Irrigation District jobs have finished up.

Wunderlich job on Highway 40 still has a little dirt work left and is still running with a skeleton crew. This job is about 90 per cent finished. Marin Rock, who are doing the sub work and paving on the Wunderlich job, is about 80 per cent finished. J. M. Pitcher Co. is doing the drilling, keeping three rigs running.

Kaiser Steel, by the time this goes to press, will be back on single shift operation, due to completion of their contracts.

IRRIGATION JOBS

Joe Richards is still doing several short jobs in connection with the Solano Irrigation District projects.

Syar & Harms are running full crew on their senior citizens Leisure Town project at Vacaville. They have model homes ready for showing. Syar & Harms is also busy on several other projects in Vallejo and vicinity, keeping the brothers busy.

The Gordon Ball/Syar & Harms job at Vacaville is still going, but they have slowed down considerably and laid off several brothers.

Shellmaker Dredge is just about through on the dredge portion of the Vallejo Marina Vista project. Syar & Harms are putting in the levees.

Fredrickson & Watson, Lentz, Hess and Dubach, weather permitting, should finish the heavy work on their freeway job at Dixon by Christmas.

George Slinson in Napa is keeping the brothers busy with several jobs from Vallejo to Napa.

Basalt Rock thus far has not had any layoffs. They are still running the hot plant and are paving all over Napa and Solano counties, trying to beat the rains.

Congratulations to Brother Ed Russell who recently signed an agreement with Local 3, up and purchasing Hal's Equipment Rental in Napa. Ed is the only rental in Napa who has search lights available. Good luck.

More About Patterson

Continued from Page 1—

University in 1947 with a degree in mathematics.

After college he worked several years in "white collar" employment, then switched to construction and joined Local 3 in 1950.

He now operates a dragline and loader, is married, with a daughter 13 and son 9, and resides at 487 Mark West Station Rd., Windsor.

And from his own account, he lives a busy and happy life, working at a craft he enjoys and filling his leisure with varied and rewarding hobbies.

"As a hobby," Patterson says, "I own a one-half interest in a Luscomb airplane which I have been flying for several years from the Sonoma county airport. I enjoy flying to Mexico on vacation for swimming and fishing."

"I am also very interested in Greek history, literature and philosophy as well as the contemporary writings of Aldous Huxley and George Orwell."

"By comparing my income as a white collar worker after finishing college and my income after joining Local Union No. 3, I can readily appreciate the value that a good union has for its members."

"As our society increases its pressure upon us to conform, all to the same pattern, it is ever more important for every member to attend his union meetings and participate in both the government of his union and of his country by expressing his individual voice."

Santa Rosa

Rain, But Still Working

By RUSSELL SWANSON
and LOU BARNES

Work in the Santa Rosa-Ukiah area is still going along even though we have had a few rains.

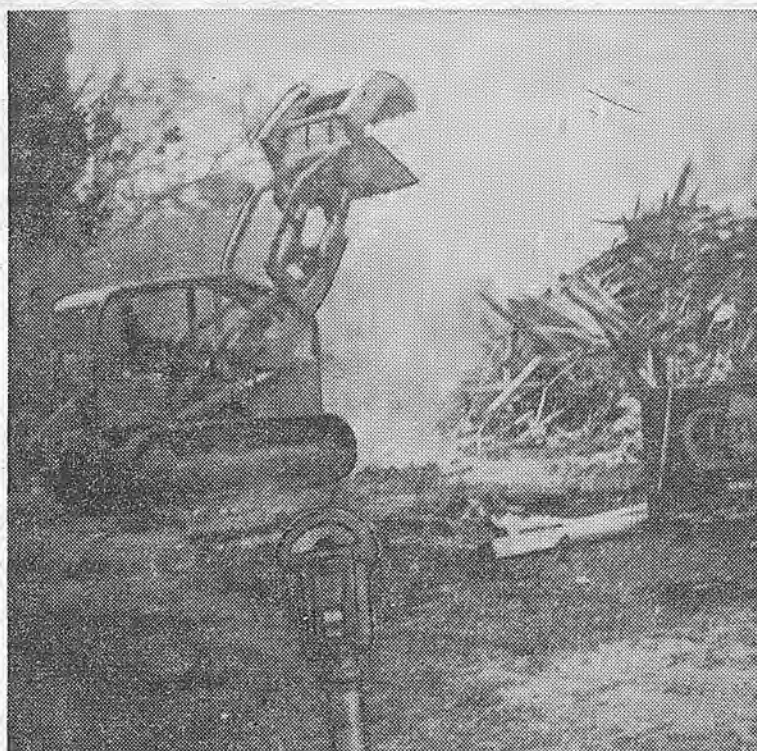
Peter Kiewit Sons are still busy on their freeway job. Arthur B. Siri, Bob Rapp, Argonaut Construction Co. and various other contractors in the area are still working. Ball & Simpson and Guy F. Atkinson Co. are finishing up on their freeway jobs at Windsor and Healdsburg.

Up to this writing we have been going very well, with most of the brothers still working on a multitude of jobs. Our out-of-work list has been small for this time of year, and we certainly hope this continues, at least to the holidays.

NEW YORK

In Lake county two projects have been approved by the State Highway Commission for the coming year—one in the Highlands, approximately 2 miles of Lakeshore drive; the second, about 9.3 miles designated to become freeway, running between St. Helena Creek to 5.9 miles north of Putah Creek—roughing and resurfacing two lanes—will run approximately \$536,000. These are in the 1963-64 budget.

McNamara Construction Co. of Burlingame were low bidders at \$2,108,572 for the 3.6 miles of freeway at Cloverdale. With the



FACE-LIFTING FOR SANTA ROSA: This is the start of demolition for the Santa Rosa Urban Renewal Project. Old houses and stores are crushed like match sticks to make room for the new public library to be built on this site.

rains coming this will certainly be one for next year.

O. C. Jones were successful bidders on a county secondary road job at Santa Rosa for \$413,000, due to start in the spring of '63. Also there will be approximately one-half mile of two-lane highway for surfacing and grading along with drainage facilities on the Longvale road, east of Dos Rios. This job was awarded to John M. Blair Constr. Co. of Hayward for \$117,850.

ATOMIC PLANT

The P. G. & E. Atomic Power Plant to be constructed at Bodega Head at a cost of 61 million dollars has gotten State approval and will file next for final clearance from the Atomic Energy Commission for a construction permit. It will take several weeks

for this to be approved, and this is only one in a series of steps to be taken. Of course, we are hoping for the coming season.

Total Redwood Empire road construction job outlay for the year of 1963-64 will be about \$11,000,000 for the four counties.

Demolition started last week for the Urban Renewal program in Santa Rosa, the first phase of which included the wrecking of four houses and small businesses by the Cleveland Wrecking Co. to make way for the new library building. As this program progresses with realignment, parkways, etc., it will mean more work for the Engineers.

SPECIAL ELECTION

William Grader, the late Congressman Clem Miller's field representative, has won the nod from the Democratic party and the majority of the Labor movement in Sonoma county to run for congress in the special election to be held in January. Mr. Grader has promised to work on the platform of the late Clem Miller and push through Congress the various projects which are now being processed through the House. These entail approximately \$73,000,000 for the Redwood Empire and most certainly mean work for the Operating Engineers.

Mr. Grader is well known in political circles, but less well to the public, so we urge everyone to vote; and those who haven't registered, please do so and help us do a selling job to the public.

Labor Sets L.A. Organizing Plan

WASHINGTON—The AFL-CIO Executive Council has approved funds and manpower to launch a pilot organizing drive in the Los Angeles metropolitan area in 1963.

The drive's objective is 5,000 unorganized firms employing more than 750,000 workers.

Pres. George Meany reported that AFL-CIO affiliates cooperating on the drive have reached unanimous agreement on allocating 400 organizing targets and that a joint committee of local and international union officials is working out targets among the other firms.

Operating Engineers + + + Official Directory

MAIN OFFICE—SAN FRANCISCO, CALIFORNIA

474 VALENCIA

Tel: HEmlock 1-1568

AL CLEM, Business Manager.....697-6798
PAUL EDGEcombe, President.....DElaware 4-0419
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W. V. MINAHAN, Recording-Secretary.....Flreside 5-2616 (San Mateo)
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WILLIAM METTZ, Business Representative...YOrktown 7-5006 (Fair Oaks)
AL DALTON, Business Representative.....Nlagara 4-2565 (Pollock Pines)
CLEM HOOVER, Business Representative...YUkon 8-2178 (Orangevale)

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CYpress 5-8788

A. J. HOPE, Financial Secretary and District Representative.....YOrkshire 7-2942 (Los Altos)
LYNN MOORE, Business Representative.....243-6742
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JAMES N. HALL, Business Representative.....241-6467 (Santa Clara)

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LIberty 6-2487

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FAirview 9-0236

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HUNter 6-7401

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LAKE AUSTIN, Business Representative.....467-5724

PROVO, Utah

165 West 1st North

FRanklin 3-8237

JOHN THORNTON, Bus. Representative..SKYline 6-4915 (American Fork)
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2538 Washington Blvd.

EXport 4-1011

M. F. BOWMAN, Business Representative.....393-8728

HONOLULU, Hawaii

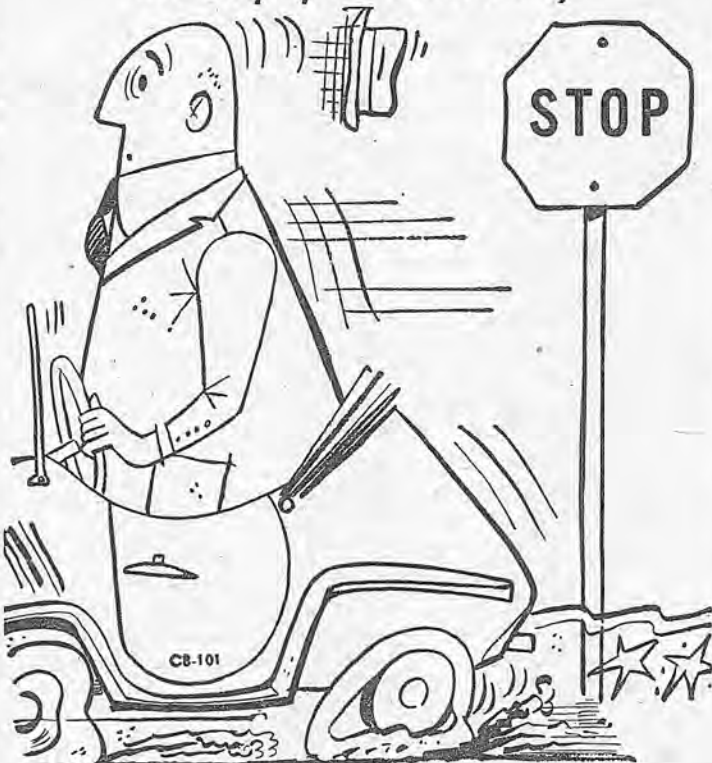
2305 So. Beretania St.

HONolulu 565-418

HAROLD LEWIS, District Representative.....HONolulu 775-038
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Oakland

ENGINEERS NEWS

STATIONARY ENGINEERS LOCAL 39 OPERATING ENGINEERS LOCAL 3

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A. J. HOPE Financial Secretary
H. T. PETERSEN Treasurer

A Time to Be Merry

THE HOLIDAY SEASON is fast approaching. Soon the familiar carols will be heard again... "Tis the season to be jolly..."

We hope that everyone will be merry indeed. But at some time or another, this holiday season, we think most people will be thoughtful, too.

For this year, as in too many of the recent years, when we utter the seasonal phrase, "Peace on earth and good will toward men," we will be uncomfortably aware of the international problems and tensions and know that it is a wish for the future and not a fact of the present.

In our country there are problems, too. The economy has rallied from its alarming drop in midsummer.

But while there are more people at work than ever before in our history, the "hard core," long-term unemployment lists have not been reduced materially, and there has been no real solution found to the problems of automation and technological unemployment.

YET THERE IS GROUND, too, for thankfulness and hope. We can be grateful that our national leadership met the recent international crisis with all necessary firmness, yet with moderation when the firmness had won its point. And we can be hopeful that as long as the lines of communications remain open between nations, peace may be achieved.

THE YEAR-END is also a time for stock-taking and resolution for the coming year. And when we turn our thoughts in this direction, we in Local 3 can indeed be happy. Our collective bargaining this year produced solid wage gains and many improvements in fringe benefits and conditions in our major agreements. We are already enjoying these gains and can look forward to an even more prosperous new year as the future negotiated improvements come due.

All of us in Local 3, as a union, have the respect of our employers, of the business world as a whole, of government agencies we deal with—in sum, of the entire community—because there is general recognition that the responsible leadership of the union seeks to follow, in serving the interests of the membership, the same balance of firmness and moderation that is serving the nation so well in this difficult time.

SO LET THE YULETIDE joy enrich us all at this season, and let the bells ring out a year that was good on the whole and ring in one that we hope will be even better. And to all, a Very Merry Christmas and a Happy and Prosperous New Year.

Well-Merited Victory

EVER SINCE November 6 the experts with sharp pencils has been going over the election results.

Actually, there should be no room for argument about the main, visible results of the election—nationally, and most particularly in California.

The labor-supported candidates in California for top offices scored almost a clean sweep. It was a vote for moderate, progressive candidates.

YOU CAN SAY that the election was in a measure a vote of confidence in the labor movement, because many of the defeated candidates ran on platforms of more or less open hostility to organized labor—and found that it didn't pay.

The high point of the election, of course, was the solid victory of Governor Edmund G. Brown and his slate.

WHAT IT ADDS UP TO is this: the Engineers and the rest of the people went to the polls and returned to office the Governor and the rest of the state officials on Brown's team who had done such a good job for them in the preceding four years.

It was a wise choice, and California should benefit from it in the next four years.

When Doctors Agree



Consumer Advice

Stereo? Hi-Fi? How Much?

By SIDNEY MARGOLIUS

It's no longer a simple matter to buy a phonograph. Whether you are seeking one for yourself or Christmas giving, you walk into a store or look at the ads and you're swamped in a sea of strange new words and claims.

"Stereo" has become the big word in sound equipment. Stereo record players and radio receivers are being heavily promoted with no actual standards of quality they must meet. Stereo phonographs are advertised for as little as \$60. Yet, some hi-fans may spend \$200 just for an amplifier—one component of a stereo sound system.

Stereo is a system of surrounding you with sound from two or more speakers, as contrasted to "monaural" sound—from one speaker. The separate speakers, usually placed some distance apart, depending on the size of the room, are supposed to provide a "live" effect.

As a result of the pell-mell advertising with no standards of quality, many families now confuse stereo with high-fidelity. Hi-fi means good-quality reproduction electrically amplified. You can, of course, have high-fidelity reproduction with either monaural or stereo playing equipment, although stereo is considered to be a further development of hi-fi.

The problem of the low-priced "stereo" record players is that they are not hi-fi to start with, and adding a speaker or even several as some sets do, produces some stereo effect but not actual high-fidelity listening quality.

The moderate-price portable record players currently being sold as stereo, do have extendable speakers for separation (to "surround" you with sound). But the speakers usually are too small and the other components often inadequate to satisfy at least the more-expert listeners.

Some of the medium-price stereo console record players have larger speakers and other fair-quality components, although they may not have sufficient separation of the speakers for true stereo effect. These console stereo record players are available this year around \$200 level.

Several manufacturers also have developed large portable record-players (without radio reception) at least approaching the goals of both high fidelity and stereo. In several of these sets the record player and extended speakers are packaged in separate cases. These new oversize portables cost about \$125.

The record changers found on moderate-price players are reasonably satisfactory, like the late models of the V-M changers, found on many of the well-known brands of record players.

Quality of speakers, however, is likely to be less dependable, although improving. Large speakers cannot operate on higher tones; small speakers do not operate well on lower tones. Manufacturers try to solve this by providing several speakers of varying size.

However, numbers of speakers provide volume but not necessarily better quality. Nor is size necessarily dependable, since a manufacturer can extend the cone of a 4-inch speaker to 15 inches if he wants to. The size of the cone and magnet, the voice coil and motor efficiency are all important. A high-quality speaker feels heavy because it usually has a heavy magnet and is housed in a thick wood cabinet to minimize vibration.

The only alternative for families who want both stereo and real high fidelity is to buy good-quality components and have them assembled in a sound system. However, complete stereo systems, including radio receiver, are expensive because you need two of almost everything. It is difficult to assemble a good-quality complete stereo system for even as much as \$400. A complete system requires a stereo FM-AM radio receiver, stereo amplifier, two speakers, a turntable and a cartridge for the pick-up arm.

Some discount houses and mail-order suppliers do offer pre-wired systems of components for under \$400. But these often have one or two high-quality components like a Harmon-Kardon receiver or the famous Garrard turntable, but lower-quality speakers or other equipment. This does not produce a balanced system—by which experts mean the same level of quality in all components so that lower-quality units do not nullify the high-quality components.

If you just want record-playing equipment, eliminating the radio receiver reduces the cost of a stereo sound system by \$100 or more. Thus, depending on the power output of the sound system, you can get a quite-good stereo record-player for \$200-\$300.

Investing in components rather than a commercial console, especially one with an expensive cabinet, also protects against new developments which could make a commercial set obsolete but may require changing only one or two items in a system of separate components.

(Copyright 1962)

MEETING NOTICES

January

San Francisco—Jan. 2, Wednesday, S. F. Labor Temple, 16th & Capp Sts., 8:00 p.m.

Eureka—Jan. 15, Tuesday, 2806 Broadway, 8:00 p.m.

Redding—Jan. 16, Wednesday, Retail Clerks Bldg., 900 Locust St., 8:00 p.m.

Oroville—Jan. 17, Thursday, Prospectors Village, Oroville Dam Blvd., 8:00 p.m.

February

Stockton—Feb. 1, Friday, Engineers Bldg., 8:00 p.m.

San Jose—Feb. 4, Monday, Labor Temple, 45 Santa Teresa, 8:00 p.m.

Sacramento—Feb. 12, Tuesday, CELT Bldg., 2525 Stockton Blvd., 8:00 p.m.

Oakland—Feb. 14, Thursday, Labor Temple, 2315 Valdez, 8:00 p.m.

March

Fresno—March 5, Tuesday, 3121 East Olive St., 8:00 p.m.

Ukiah—March 7, Thursday, Labor Temple, State St., 8:00 p.m.

Salt Lake City—March 8, Friday, Teamsters Hall, 443 S. 6th St. East, 8:00 p.m.

Reno—March 9, Saturday, Reno Musicians Bldg., 120 W. Taylor, 8:00 p.m.

April

San Francisco—April 3, Wednesday, S. F. Labor Temple, 16th & Capp Sts., 8:00 p.m.

Eureka—April 9, Tuesday, 2806 Broadway, 8:00 p.m.

Redding—April 10, Wednesday, Engineers Bldg., Lake Blvd., 8:00 p.m.

Notice of Semi-Annual Meeting

January 12, Saturday,
San Francisco Labor Temple, 16th & Capp Sts., 1:00 p.m.

Marysville—April 11, Thursday, Elks Club, 920 D St., 8:00 p.m.

May

Sacramento—May 2, Thursday, CELT Bldg., 2525 Stockton Blvd., 8:00 p.m.

Stockton—May 6, Monday, Engineers Bldg., 8:00 p.m.

Oakland—May 8, Wednesday, Labor Temple, 2315 Valdez, 8:00 p.m.

Watsonville—May 16, Thursday, Veterans Memorial Bldg., 215 Third St., 8:00 p.m.

June

Fresno—June 4, Tuesday, 3121 East Olive St., 8:00 p.m.

Santa Rosa—June 6, Thursday, Veterans Bldg., 8:00 p.m.

Salt Lake City—June 14, Friday, Teamsters Hall, 443 S. 6th East, 8:00 p.m.

Reno—June 15, Saturday, Reno Musicians Bldg., 120 W. Taylor, 8:00 p.m.

July

San Francisco—July 10, Wednesday, S. F. Labor Temple, 16th & Capp Sts., 8:00 p.m.

Eureka—July 16, Tuesday, 2806 Broadway, 8:00 p.m.

Redding—July 17, Wednesday, Engineers Bldg., Lake Blvd., 8:00 p.m.

Oroville—July 18, Thursday, Prospectors Village, Oroville Dam Blvd., 8:00 p.m.

August

Stockton—Aug. 1, Thursday, Engineers Bldg., 8:00 p.m.

San Jose—Aug. 5, Monday, Labor Temple, 45 Santa Teresa, 8:00 p.m.

Oakland—Aug. 8, Thursday, 2315 Valdez, 8:00 p.m.

Sacramento—Aug. 13, Tuesday, CELT Bldg., 2525 Stockton Blvd., 8:00 p.m.

September

Fresno—Sept. 3, Tuesday, 3121 East Olive St., 8:00 p.m.

Ukiah—Sept. 5, Thursday, Labor Temple, State St., 8:00 p.m.

Salt Lake City—Sept. 13, Friday, Teamsters Hall, 443 S. 6th East, 8:00 p.m.

Reno—Sept. 14, Saturday, Reno Musicians Bldg., 120 W. Taylor, 8:00 p.m.

October

San Francisco—Oct. 2, Wednesday, S. F. Labor Temple, 16th & Capp Sts., 8:00 p.m.

Eureka—Oct. 8, Tuesday, 2806 Broadway, 8:00 p.m.

Redding—Oct. 9, Wednesday, Engineers Bldg., Lake Blvd., 8:00 p.m.

Marysville—Oct. 10, Thursday, Elks Club, 920 D St., 8:00 p.m.



HALF SAFE: One engine of this special two-engine rig was turned off when Brother George Wilburn of the Eureka area started to fill the tank with gasoline, but the other engine was running. Brother Wilburn received second and third degree burns, and the rig was a complete loss.

November

Stockton—Nov. 4, Monday, Engineers Bldg., 8:00 p.m.

Oakland—Nov. 6, Wednesday, Labor Temple, 2315 Valdez, 8:00 p.m.

Sacramento—Nov. 12, Tuesday, CELT Bldg., 2525 Stockton Blvd., 8:00 p.m.

Watsonville—Nov. 14, Thursday, Veterans Memorial Bldg., 215 Third St., 8:00 p.m.

December

Fresno—Dec. 3, Tuesday, 3121 East Olive St., 8:00 p.m.

Santa Rosa—Dec. 5, Thursday, Veterans Bldg., 8:00 p.m.

Salt Lake City—Dec. 13, Friday, Teamsters Hall, 443 S. 6th East, 8:00 p.m.

Reno—Dec. 14, Saturday, Reno Musicians Bldg., 120 W. Taylor, 8:00 p.m.

Notice of Declaration Of Candidacy

The By-Laws of Operating Engineers Local Union 3 provide as follows:

"Article XII (B) Section 1 (a)—Declaration of Candidacy: All candidates for any Elective Office, or for District Member of the Local Union Executive Board, shall between midnight December 31st and midnight, January 15th, preceding the election, file with the Recording-Corresponding Secretary at his office in San Francisco, a Declaration of Candidacy for the office or position or District Member of the Local Union Executive Board to which he seeks election, accompanied by a Non-Communist Affidavit and an Affidavit that he meets the requirements of Section 504 of the Labor-Management Reporting and Disclosure Act of 1959."

Forms to meet the requirements of the above section will be available at the office of the Recording-Corresponding Secretary, 474 Valencia St., San Francisco, Calif.

Notice: Election Of Grievance Committee

In accordance with the By-Laws of Local 3, election of three members of the District Grievance Committee will be held in each district at the first District Meeting of the first calendar quarter.

The following pertinent section of the By-Laws should be noted:

"Article X, Section 3—No Member shall be eligible for election, be elected or hold the position of Grievance Committee Delegate unless he is a Member in good standing in the parent Local Union, a registered voter in the District in which he is a candidate when nominated, and shall have been continuously a Member of the parent Local Union for not less than two years next preceding his nomination, is not an Officer or on the full-time payroll of the Local Union, and is not an owner-operator or contractor.

"No member shall be nominated unless he is present at the meeting or unless he has filed with the Recording-Corresponding Secretary a statement in writing, signed by him, to the effect that he is eligible to be a Grievance Committee Delegate and will accept the nomination if nominated."

TO SWAP

GLASSPARK FISHING BOAT, 25 hp Johnson Motor and Trailer, for car or guns. About \$350 value. Richard Cox, P.O. Box 122, Groveland, California. Ph: Worth 2-7293. No. 1011135.

WANTED TO BUY

ELECTRIC HOIST, one-half or one ton capacity. Single phase current. Al Pierzina, 1054 Lindell Drive, Richmond, Calif. Phone LA 5-2165. Reg. No. 754237.

CEDAR RAPIDS CRUSHER, Portable. Walt Robinson, Route 2, Box 97, Crescent City, Calif. Reg. No. 1006648.

SWAP SHOP: free ads for Operating Engineers

FOR SALE

DOZER, one HD 11, with Hydraulic Tilt, and Unit on rear. TRACTOR, one, D 2, with mounted Highway Model Auger, Digs to 16 ft. deep. Yope Yeghoian, 964 Scott Lane, Walnut Creek, Calif. Phone: YEL-lowstone 5-7053 or YEL-lowstone 5-4875. Reg. No. 403912.

TRAILER—14' Teardrop. Sleeps two. Cooking Facilities. Excellent for hunting and fishing. Best offer. Bill Adams, 2215 Stuart St., Berkeley, Calif. Phone: TH 3-7342. Reg. No. 1067411.

FORD LOADER & SCRAPER, 48 International, 5 yd. dump—\$175.00. 406 BUCKEYE DITCHER, 10 ft. boom—\$1,550.00. Louis A. Leandro, 2525 West Ave. 133rd, San Leandro, Calif. Phone: EL 7-2445. Reg. No. 572750.

14" CHROME WHEELS - \$70.00. 3 TWO'S ALUMINUM VALVE COVERS—fits 277 to 318 cubic inch Plymouth - \$80.00. Harry Guyann, 202 Glen Parkway, Brisbane, Calif. Phone: JU 5-8525. Reg. No. 987347.

ADAMS GRADER, 512, International Dump Truck, K-7, Roller, Tandem-Buffalo 5-8 tons, Trailer, Home-made. Water Wagon Tank, 1,000 Gals., other Miscellaneous. Henry Faber, 2254 Williams, Palo Alto, Calif. Phone DA 2-1293. Reg. No. 289629.

12 FOOT BOAT, A-1 condition, Sea King, 7 1/2 Horse Power Motor, only used once, 2 Wheel Trailer, Like New. Emil Hollingsworth, 36229 Magellan Dr., Fremont, Calif. Phone SY 3-1849.

HOME, Esparto, Calif. - \$18,000. 3 bdr. adobe block constr., 2 baths, radiant heat, bld-in kitchen, fireplace, 2 car garage. Lot 50 x 150. 30 mi. from Sacramento. Write Jim Hilton, Box 297, Esparto, Calif. Reg. No. 745041.

80 ACRES FARMLAND - Lassen County - subdivided, cleared, level. \$8,000.00 total price with 10% down and \$72 per month at 6%. Ray Planiken, 4409 Crestridge, Fair Oaks, Calif. Phone: 967-6229. Reg. No. 983216.

JOHN DEERE LOADER & ATECO RIPPER, 1400 hrs, \$3000, terms. H. G. Lloyd, 1755 Oak Park Blvd., Pleasant Hill, Calif. Ph. 934-6602. Reg. No. 369919.

TUBELESS TIRE, 7x17-5 (6 ply) Monitor Washer, Fireplace Screen, Barbell, Trailer Hitch, Electric heater, Clothesline reels, Desk and chair, Tool boxes, storage cabinets, etc. Edward D. Sylvain, 1609 Sunnyvale Ave., Walnut Creek, Calif. Phone 935-2904. Reg. No. 819275.

JIB 20-FOOT. Make offer. Lou Eck, 19943 Redwood Road, Castro Valley, Calif. Phone JE 7-8194. Reg. No. 346986.

LIGHT PLANT—Montgomery-Ward, 750 W. - Aircooled motor, self-starting. Also 12 volt battery starter, \$75 - E. B. Spittler, 865 E. 5th, Hanford, Calif. Ph: LU 4-5120.

10 ACRES near planned resort and retirement community of Christmas Valley, Oregon. Only \$115 down and \$20 per mo. Write: Gordon Call, 653 So. 11th St., San Jose, Calif. No. 939855.

4 LOTS, 1 house modern, furnished - 3 cabins partly furnished, sell or trade for 2-bedroom mod. trailer, some cash. Husband is bedfast. Otis Gardner Local 3, No. 698485, Redding, California.

MODEL 150 TO P&H TRUCK CRANE or trade for Bucyrus Erie Hydro-Crane or equal. Also 1951 Chevrolet 1 1/2 Ton COE Trailer Tow-Er. Very good condition. \$350 or trade on flat bed dump. C. M. McGinty, Rt. 1, Box 1581, Shingle Springs, Calif. Ph: 4881.

GOLDEN RETRIEVER PUPPIES—AKC registered, finest show and obedience champion stock. Whelped Nov. 27; see and select around Christmas. claim in January. H. Rossman, 2 Meadow Way, Fairfax, Calif. Phone: GL 3-0892. Reg. No. 1113124.

HOME & INCOME, 1-2 and 1-3 bedroom house and garages, on half acre. In sight of new Veterans Hospital in Martinez. \$16,000.00. Terms. W. A. Seemann, 139 Clipper Lane, Martinez, Calif. Phone: 228-1101. Reg. No. 251068.

BEAUTIFUL BICYCLE—Never been ridden, built for two. Will take \$50.00. Marvin Thomas, 211 W. 2nd Ave., Olivehurst, Calif. Reg. No. 540447.

SAWMILL - \$1,500.00. Diesel Engine for power. 2 man mill. Will cut 3,000 feet per day. Will trade for real estate. Ralph Kidwell, 21575 Norman Drive, Los Gatos, Calif. Phone: EL 4-2901. Reg. No. 947108.

MOVING?

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BE SURE to advise us of your change of address.
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Clip and mail to Engineers News,
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Eureka

Nuclear Power Plant Winding Up

By WARREN LeMOINE
and RAY COOPER

The Redwood Empire has slowed to a standstill. It will rain a day or two and stop, with the sun shining, and about the time the brothers can go back to work, here comes more rain. But we still hoping for another month of good weather.

Grafe Callahan at Randolph Collier tunnel is still working three shifts and will be for five more months. The job will be completed about May 1963. The dirt and rock will be finished about December 15th, the concrete is about half-way done. At this time we have 35 brothers working at this tunnel.

Morrison-Knudsen freeway at Fields Landing is working every day that it doesn't rain, moving right along. Art Meyers is foreman on this job, Frank Wright on D-7, Lew Redden on the blade, Norman Weller is the grade checker and Al Boehl on his backhoe.

NUCLEAR PLANT

Bechtel Corp. will complete their nuclear power plant at Eureka by the time we go to press. This has been a good job for many brothers here in the Eureka office.

A rundown on this plant; work at the Eureka site began November 1960. Ben C. Gerwick Co. having the task of building and sinking to a depth of 85 feet the massive reinforced concrete caisson that will house the reactor and pressure suppressor system.

Building and sinking the caisson was a six-month job. After the site was excavated to a depth of 17 feet, forms defining the rim were set in place, with a cutting edge at the bottom to open the path for the sinking. The first concrete pour formed 18 vertical feet of wall. The weight of this assembly, combined with excavation of earth from inside and with water jetting, caused it to sink.

THICK WALLS

Five additional concrete pours raised the walls to the required dimensions, and the structure was sunk to the prescribed depth. Then the bottom was sealed with a layer of concrete several feet thick.

The caisson has an outside diameter of 60 feet for the lower 70 feet, and its exterior walls are four feet thick. Extending through the center for the full length of 85 feet is an inner ring with walls four feet thick and an inside diameter of 19 feet. Three radial walls, connecting the outer and inner walls, are three feet thick.

Between the outer and inner walls is the suppression chamber, which will contain 20,900 cubic feet of water and 31,400 cubic feet of air space. The cylindrical inner ring, containing the dry well vessel, will be connected to this chamber by 48 vent pipes.

The drywell vessel will be 87½ feet in height, and 17½ feet in diameter, made of carbon steel ¾-inch thick. Grouting will fill the space between the vessel and the inner walls of the ring. Inside this container will be placed the reactor vessel, which will

have carbon steel walls 4½ inches thick, lined with stainless steel for protection against corrosion.

HOW IT WORKS

The reactor—a single cycle, boiling water unit—will hold 21,200 gallons of water, and its fuel will be slightly enriched uranium dioxide. Its first loading, expected to last approximately three years, will consist of 17.3 tons of uranium and will have an energy equivalent of 750,000 tons of coal. The core will contain 172 fuel "bundles" of 49 fuel rods each.

Steam will be delivered to the turbine at a pressure of 1000 pounds per square inch and a temperature of 546 degrees Fahrenheit. After passing through the turbine, the spent steam will be condensed into water, which will be demineralized to remove any corrosion products, and then returned to the reactor, thus completing the cycle.

We wish the brothers and their families the most sincere and happy greetings for the Holiday Season.

TRAINING AIDE

WASHINGTON—James J. Clarke, editor of the Ironworker, official publication of the Iron Workers, has been named assistant for manpower training by Health, Education & Welfare Sec. Anthony J. Celebrezze.

'Traveling in Style'



Operating Engineers Local 3 members working on the final stretch of Bechtel's 255-mile natural gas pipeline in Northern Nevada had a really new and unusual experience—commuting to and from work every day in chartered planes.

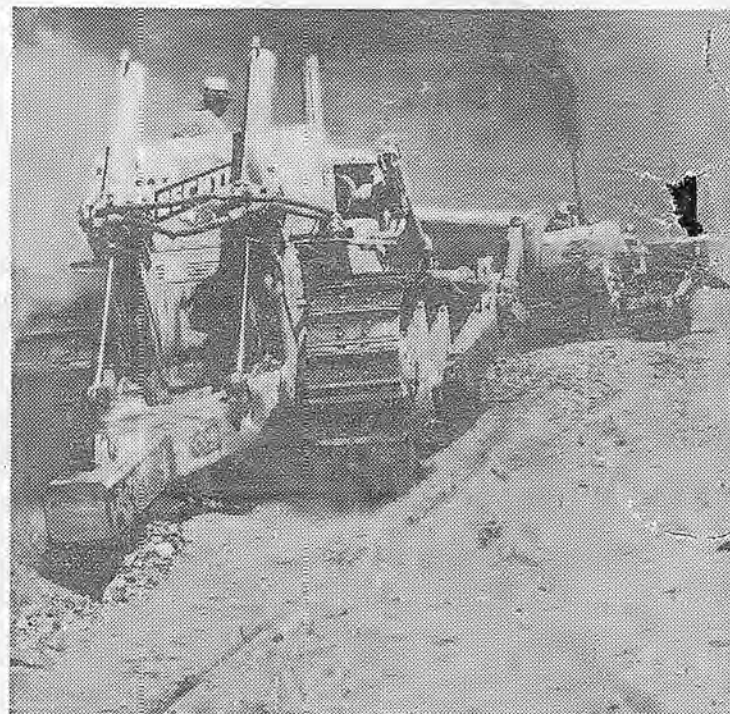
Natural gas is due to reach Nevada Northern Gas Co. consumers in the Reno-Sparks area about Christmas time, via transmission line of 230 miles of 16-inch pipe and 25 miles of 12-inch pipe.

The final 45 miles of the line, leading to the Idaho border, traversed a wild, uninhabited desert region without roads and inaccessible overland.

As the pipeline pushed on, Bechtel transported its work crews in three DC-3 aircraft from Winnemucca to dirt landing strips constructed at three locations in the desert each morning and back again each evening. The men were transported by truck between the landing strips and the work areas.

From 180 to 200 men, variously, were moved daily in the airlift.

Top photo shows pipeliners as they came off the plane in Winnemucca after a day's work. At right, our members on a D-9 ripper being pulled by a D-8 tractor rip rock for the pipeline trench out in the desert.



Most Workers Don't Know

By A. G. BOARDMAN
Education & Research Director,
Calif. State Conference of
Operating Engineers

There is a section of the California State Safety Code—Section 6604—which is designed to protect the workman who refuses to use defective and dangerous equipment or to work in unsafe areas under unsafe conditions.

Following is the text of this section of the Code:

"No employee shall be laid off or discharged for refusing to perform work in the performance of which this code or any safety order of the Division of Industrial Safety will be violated, which such violation would create a real and apparent hazard to the employee or his fellow employees. Any employee who is laid off or discharged for refusing to perform work in the performance of which this code or any safety order of the Division of Industrial Safety will be violated and where such violation would create a real and apparent hazard to the employee or his fellow employees shall have a right of action for wages for the time such employee is without work as a result of such layoff or discharge; provided, that such employee notifies his employer of his intention to

make such claim and files a claim with the Labor Commissioner within ten days after being laid off or discharged."

HEARING

At a recent hearing of the Legislative Interim Committee on Industrial Safety, under its chairman, Assemblyman Edward Gaffney of San Francisco's 18th Assembly District, a proposed amendment to extend the filing time for claims to the Labor Commissioner from 10 to 30 days, was given a full hearing.

Dale Marr, Local No. 3's Safety Engineer, and George Baker, District No. 1 Business Representative, testified to the urgency of such legislation; pointing up the fact that in remote areas it was difficult for workmen to file claims within the 10-day time limit. It was pointed out by the chairman that this amendment had passed the assembly with a unanimous vote, but had failed to get out of the Senate Labor Committee.

NEEDS PUSHING

We feel that this is an important amendment, and it should be pushed as part of the legislative program of the California State Conference of Operating Engineers in the 1963 legislative session in Sacramento. It is important because, at best, this is a difficult law to enforce. Every work-

ing man is faced with the difficult decision of insisting to his employer that he will not work under hazardous conditions—thereby jeopardizing his standing as an employee; or to ignore the danger and incur the favor of the boss.

It was brought out at the hearing of the State Assembly Subcommittee on Industrial Safety that this law is seldom used, and that fact is significant. The working man is either uninformed as to the law's protection; or, if he is informed, the average worker fails to take advantage of the law's protection.

NEED PROTECTION

Everyone, I am sure, agrees that if the worker felt that his job security was protected by law, and that he would not be discharged if he refused to work with defective equipment or under hazardous conditions—many of the fatal accidents could be prevented.

The law giving this protection has been on the books for several years—but the records show it has been little used. The reasons may be many; but those who work in construction will tell you that not 10 per cent of the working force are aware that such a law exists. It is up to Labor to inform the membership they have this protection.