State Wins Out on Water Ruling

‘Blood Alley’ Gets the Light Green

High Court Decision on New Melones

The long-standing battle between the State of California and the federal government over water rights received a landmark decision this month when the U.S. Supreme Court ruled that the Berryessa Reservoir must comply with state water regulations in its operation of the New Melones Dam on the Stanislaus River.

The 6-3 decision stated that the bureau must obey state regulations designed to protect nine miles of rapids on the river where white water rafting and kayaking are popular.

It overturns rulings of the U.S. District Court and the U.S. Court of Appeals, which held that the California Water Resources Control Board had no power to restrict the bureau’s use of unappropriated water in a federal reclamation project.

Although environmentalists claim the decision has far reaching implications in mandating state authority over water rights, Engineers News has given no indication that the ruling will adversely affect the construction of major water projects currently in progress.

Local 3 Business Manager Dale Marr told union members attending the Semi-annual Meeting in San Francisco July 8 that the court ruling may help to resolve the conflict between California and the federal government over water quality in the Sacramento Delta—thus putting the controversy of major water projects currently in progress.

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New Melones Quake Proof

The Sacramento branch of the U.S. Army Corps of Engineers has recently concluded from the results of new earthquake studies that the faults beneath the New Melones Dam on the Stanislaus River are not capable of causing an earthquake.

The research was prompted from speculation that the tremor at Oroville in 1975 was caused by the weight of the huge Oroville Dam on the earth's crust.

The detailed study was conducted for the Army by Woodward-Clyde Consultants, a San Francisco-based geotechnical firm which analyzed existing information and carried on an investigation using aerial photography, geologic mapping and trenching.

They began work in December 1976 to evaluate the potential for surface faulting in the project area, to estimate the size of the largest earthquake that might affect the project and to determine the potential for earthquakes caused by the reservoir filling.

The studies concluded that the maximum earthquake fault that might occur on the nearest capable faults located 2.6 miles from the dam is of Richter magnitude 6.5 at a depth of approximately six miles. The report further concludes that if the earthquake which occurred at Oroville in 1975 was caused by the reservoir, then the possibility of an earthquake of similar magnitude occurring at New Melones is 30 percent during the life of the project.

It is assumed that the Oroville quake was not reservoir induced, the likelihood is only 2 to 5 percent.

According to the independent board of consultants for New Melones Dam, the dam will remain stable during local earthquakes of much greater magnitude than 6.5 on the Richter Scale.

Officials to Study Three Sites for New Dams

State Department of Water Resources officials will begin tentative site analysis work this summer on three possible major dam locations for storing Berryessa River water in the 1980's, Director Ronald Boleie has announced.

This summer’s work will be to gather basic information so that the advantages of the three sites can be compared,” he said.

The site studies are in response to state requests for storing Berryessa River water in the 1980’s and beyond. The three sites scheduled for preliminary investigation are:

- An 8 million acre-foot Glenn Reservoir on Slough Creek in Glenn and Tehama Counties.
- An expanded version of the Colusa Reservoir now under consideration by the U.S. Bureau of Reclamation for the Central Valley Project. The plan would result in a 3 million acre-foot lake on the west side of the Sacramento Valley in Glenn and Colusa Counties.
- A nearly ten-fold increase in the capacity of Lake Berryessa in Napa County.

The Glenn and Colusa Reservoirs would be authorized by the $7 billion expansion of the California Water Project now being considered by the Legislature. The Berryessa study is being undertaken “to assure that all alternative storage sites are considered,” according to the department.

All three reservoir alternatives would involve lengthy transport of Sacramento River water. Glenn Reservoir would require lifting the water more than 700 feet through a 46-mile system of canals and pumping plants. The Berryessa alternative would require an even larger construction effort, and would increase storage of the lake from its present capacity of 1.6 million acre-feet to over 13 million acre-feet. It would require the construction of a new dam 300 feet higher than the existing Monticello Dam.

Colusa Reservoir could use both Sacramento River water and water from the Tehama-Colusa and Glenn-Colusa Canals. Enlargement of Lake Berryessa and construction of the Glenn Reservoir were both considered a decade ago in a plan to import and store water from North Coast rivers. Such a plan is not being considered in connection with the current studies, however.

If it were ultimately chosen, the expansion of Lake Berryessa would be the most dramatic construction project of the three. The department says that in addition to a long water transmission canal from the Sacramento River, the new reservoir would require the relocation of the developments that now surround the lake.

The preliminary studies will include mapping of geological formations at the sites, drilling to determine subsurface conditions and surveys of fish and wildlife to determine the impact of the projects.
Looking At Labor

The right to organize and negotiate for fair wages should go hand in glove with American foreign aid.

The serious weakening of the American dollar on the world market is directly traceable to the Marshall Plan after World War II. Under the Marshall Plan, not only were tax payer dollars used to shore up the economies of Europe and Japan, but American technology with "no strings" attached went right along with the dollar.

Along with such plans as the European Common Market and the import restrictions developed in Korea, Taiwan came the multi-nationals which sold American technology on the open market for cheap labor, high profits and foreign subsidies. In the meantime, an overly generous government at home was providing additional subsidies and tax write-offs.

During this same period, expropriation of American companies in the Middle East, Cuba, Mexico and some other South American countries became an almost daily occurrence as these emerging nations began to politicize and take control of their own resources and production.

Although during this period American investment abroad became somewhat hesitant and tentative for a short time, it quickly realigned itself with those foreign countries which sorely needed American technology, not only to service the transition to local control, but to provide training for middle management and supervisory personnel.

There is no question that the American tax payer subsidized these efforts in the name of "free market" and "economic justice" for our friends who would, hopefully, be our future allies in any confrontation with China and Russia. Remember, the free world was in the early throes of fear and an economical and political effort to oppose the threat of both the "iron curtain" and the "bamboo curtain."

During the same period, the stereotype of the "ugly American" being propagated abroad and a national shame was saddled on the American tax payers by liberals at home and abroad. We were the "hogs" of the marketplace gobbling up the natural resources of the world and nationalizing countries for our own hedonistic comfort.

The purveyors of this "national guilt" didn't stop there. They lent credence and support to the overgrown, overgrown, American mythology in the image of those bureaucrats who consistently interfered with efforts at self-determination, not only in the emerging and developing nations, but even in the application of undue pressure on England and France, who, during this period, were also in an unstable position, both politically and economically.

No question that the Marshall Plan achieved its basic purpose of putting the "free world" back on its economic feet and of providing humanitarian assistance and economic and political courage to those emerging nations which had for so long suffered in the back water of economic justice.

What now must be questioned is the willingness of these nations to reverse the benefits of the Marshall Plan by cooperating with the United States on inflation, energy use and development, and restrictive trade and employment barriers.

More important to the labor movement are the questions of a free trade union climate that guarantees the productive industrial and craft trade worker a fair share in the economy, a safe work place and protection against escalating inflation and irregular unemployment based on a boom or bust world economy.

There has recently emerged the kernel of an idea that would provide Marshall Plan-type economic support for Mexico and South America. We couldn't agree more that there is a need for the Carter Administration to direct such attention to the economic conditions that exist in our own hemisphere, that there is a need for the development of a working middle class in South and Central America and Mexico. It is an idea whose time has come.

However, the trade union movement should strongly question any such proposal that does not include complete cooperation of those governments on a realistic minimum wage, apprenticeship training programs and work place safety. It should further demand that the right to organize, negotiate for wages, health and welfare and protected pensions go hand in glove with any further expenditure of the American tax payers' dollar.

For only when our Hispanic brothers are allowed to participate fairly and freely in their own economy will we begin to see a reversal of massive illegal entries into the United States that places such an onerous burden both on the job market and the social assistance programs that continue to bleed the productive American tax payer to death.

High Court Rules on Water Rights

(Continued from Page 1)
Notice of Dues Increase

The dues rate changes published below apply to ALL MEMBERS paying dues for the October 1, 1978-September 30, 1979 period.

Article VI of the Local Union By-Laws provides for an automatic increase in dues of fifty cents ($0.50) per month for each One Dollar ($1.00) per day increase in the total wage package of the top hour classifications in the Master Agreement or Unit Agreement unless a temporary suspension of all or part of the amount is approved by the Membership at the July Semi-Annual General Membership Meeting. The membership at the Semi-Annual Meeting held on July 9, 1978, acting on the recommendation of the Executive Board, voted to suspend the automatic dues increase due on October 1, 1978, and all prior temporary suspended dues increases with the exception of Three Dollars ($3.00) for Locals 3, 3-A, 3-B, 3-C, and 4-B. Due to the differences in the wage structure and effective dates of the increases of 3-D and Industrial Units, the amount of automatic increases will be temporary and will be paid from unit to the units and the members will be notified of the amount applicable to their respective unit. Billing cards reflecting the new rates have been mailed and should be returned with your payment to assure proper application.

Members who wish to pay their dues by the year and receive yearly cards and year buttons may do so by paying for the four (4) quarter periods of time between September 30th of the preceding year and the expiration of the contract. Members participating in the Credit Union plan may authorize the Credit Union to pay their annual dues on September 30th of each year by signing and submitting to the Credit Union authorization forms obtainable from the Credit Union or your Business Representative.

If there is any question in regard to the above, please contact your Business Representative or check the dues schedule on page 16.

Democratic Party Gets Union Check

In 1952, the late Sam Rayburn, Speaker of the U.S. House of Representatives, said, "the Democratic Party has a good heart. And when a man or a political party has a good heart, you know I will never let you down...." Demonstrating that the Operating Engineers' Local 3 has a good heart and a firm belief that the Democratic Party is a party of working people, the Local 3 Executive Board has approved a $3,000 commissary to the State Party. Presenting the check to Nancy Pelosi, Northern Chair (left) and Ben Caffey, State Chair of the Party (right), is Local 3 Business Manager Dale Moro.

PROJECT

Breakwater Funds Authorized

The Senate has authorized $8.6 million for construction of a much discussed and long-delayed breakwater project to protect boats berthed at Fisherman's Wharf in San Francisco. Approval of the project, which will provide for 345 new berths as the Senate worked its way through a waterway bill. The Army Corps of Engineers is in charge of the project, which will consist of a series of concrete walls creating an artificial harbor. Total cost of the project is estimated at $11 million.

Auburn Dam Design Dropped

One of the designs being studied as an alternative to the present Auburn Dam proposal has been dropped by the U.S. Bureau of Reclamation because of high costs. The straight "gravity section" dam resembling an inverted pyramid, proposed for construction one mile below the present site has been abandoned. The bureau is studying four remaining proposals, including a double curvature, thin arc, concrete structure.

The other three alternatives are gravity section dams at the present site, an earth filled dam at the present site and an earth filled dam one mile downstream. The dam that was dropped from the study would have cost $1 billion, would have taken longer to construct than the present proposal, resulting in the loss of 10 years of power revenue.

CalTrans Opens Highway Bids

The California Department of Transportation has opened bids on 45 highway projects in Northern California. Chief among the projects are a $4.5 million contract to construct a rail bridge on Hwy. 17 in Richmond from Canal Blvd. to Castro Street. Roy E. Ladd, Inc. out of Redding was apparent low bidder on a $1.7 million contract to construct a railroad bridge on Hwy. 17 in Richmond from Canal Blvd. to Castro Street. Roy E. Ladd, Inc. out of Redding was apparent low bidder for an $8.6 million contract to construct a highway bridge in Red Bluff. CaITrans has argued that the project will adversely affect Lake Tahoe Basin air quality.

Tahoe Bypass Gets OK

The U.S. Supreme Court has refused to halt construction of a loop road around high rise hotel casinos in Lake Tahoe. Justice William Rehnquist refused a request by the California Department of Transportation to stay further work on the road project pending a hearing on a CalTrans suit against the project before the Ninth Circuit Court of Appeal. CalTrans has argued the project will adversely affect Lake Tahoe Basin air quality.

Douglas County officials argue that the project is essential to relieve chronic traffic congestion in the statewide area and to protect the public's health, welfare and safety. Construction and grading for the roadway from the California-Nevada State line around Harrah's, Park Tahoe, Sahara Tahoe and Harvey's Hotel Casino is continuing with completion expected by October.

Sewage Plant for East Contra Costa

The state Water Resources Control Board has approved a discharge permit for a proposed East Contra Costa County wastewater treatment plant. The San Joaquin River resort area has been under a construction ban for several years because of inadequate septic systems.

In the sewer district approved $2.9 million in bonds to finance the local share of the system, but that is $1.6 million short of the required local share if the current bids were to be used. Head pointed to the busy work season as one factor in the high bids, speculating that contractors were not willing to be competitive. Head said because of the high bids and few bidders—there was only one bidder on some segments of the project—the state will not accept them and the project bidding will have to be done over again.

He is recommending to the county Board of Supervisors that the bidding take place in September or October when the season begins to slack off. Contracts for the project were originally scheduled to be awarded in August with completion of the system targeted for August 1980.

Because of the complications of Proposition 13, the public works director said the district is excluded from holding another bond election to increase the local share. Normally, the federal government picks up 75 percent of wastewater treatment project costs, with the state and local government splitting the remaining costs of 25 percent each.
District Representative Clem Hoover reports that over $60 million of underground work has been awarded in the Sacramento area during the last several months. This means large crawler backhoes and a need for operators for those types of backhoes. "We are short of those operators, so anyone who can operate the large backhoes and needs a job, get in touch with the Sacramento Office." Hoover argues.

The City of Sacramento has nailed down agreements for two new department stores, offices, buildings, and an underground parking structure. The price tag is $30 million, probably one of the biggest redevelopment packages in Sacramento.

The underground garage will extend along Seventh Street from L Street under the K Street Mall northwest to J Street. The garage will be linked to the existing garage under the downtown plaza shops.

A 260,000 square foot, $15 million store will be built on top of the new garage. This work will be done by Continental-Heller. Wein stocks will move into the new building when completed.

Downtown Plaza Properties will construct a 50,000 square-foot store for Liberty House directly across the Mall from the new Wein stocks.

At the west end of the Mall is a new 5-level parking lot just getting under way and next to this new structure is the new 15-story Holiday Inn Hotel and Convention Center just starting.

Aust District Rep. Al Swain reports that plans have been revealed to build a 15-story office building on the site of the old Fox Theater in downtown Sacramento. The estimated cost of the building is more than $8 million and construction will take 4 months.

On the Sacramento River, Jim Ferry and Bassalt are busy at a number of locations. All of the rock plants on the west side are busy. Cache Creek Rock, Solano Concrete, A-Techert, Granite Rock, and Byar Industries are all running full crews.

Business Rep. Bill Marshall reports that Granite Const. is keeping the brothers really busy on their Highway 49 job. If they aren't fighting the water, they're fighting the traffic. This is a project that has been long overdue and will certainly relieve a lot of traffic problems on I-49.

Ray N. Bertelsen received the award on 1-40 from Tracks to the Nevada State Line to remove concrete, etc. from the median strip. Modern Alloys will come in and put the concrete guard barrier in place.

O'Blair Const. Co. received a good contract to remove old asphalt from the sides of I-80 and restore.

Hansen Bros. is keeping the brothers working all of the hours the brothers want, and then some.

Industrial Asphalt in Grass Valley is keeping brothers Bill and Doug working long before the sun comes up in the morning until the sun sets at night.

R. J. Miller's rock, sand and gravel plants are all busy as well as the construction end of the company.

Nielsen-Nickles were the low bidders on the Rollins Lake powerhouse.

Local 3 members who live in Nevada County are encouraged to help on getting the Highway 39 project off and running. "If at anytime you are called on to attend a meeting concerning that project, please be there," Marshall urges. It is very important to let your Board of Supervisors know that you are a tax paying citizen of Nevada County and are interested in seeing this project get on line."

Business Rep. George Morgan reports that the members in El Dorado County are loaded with work.

"I attended a pre-job with Roy Ladd Const. Co. and a general said, "They are going to have a good summer job with excavation starting in July and ending in September. The paving will be laid in September and finished in October. This job is in a subsidence area. The project description is located in El Dorado County from 0.3 mile east to 1.0 mile east of Pyramid Creek, and about 0.5 miles east of Twin Bridges."

Hood Corp. is working hours in Pollock Pines. They are putting in underground for the telephone company. H. M. Byars Const. is moving along on their steel water line. It runs through some real rough country. There have been a couple of accidents, but fortunately no one has been hurt.

Lund Const. is keeping many of the brothers really busy. Warren Const. has many underground jobs going on at this time. Repco has finished the first phase of their job at Sunset Tempo and are very busy now on the second phase.
Santa Rosa Report

Warm Springs Dam in Full Gear

Everywhere you look there is activity in the Redwood Empire and more work being let every day, reported District Representative Bob Wagonn yesterday. "It is a very fine feeling to be able to see all of our Brothers working hard," Wagonn says. "We haven't en- joyed a year like this since the mid-sixties. This is a very, very good year and we're sure there's going to be a strong carry-over into the next year," Wagonn commented.

Business Rep. Pat O'Connell reports that the work at Remo Hydro- dam is coming along very, very well, quite fast. There are about one hundred and seventy-five men working on the job. Remo Const. Co. has been busy on the Hwy. 101 job, which, in their opinion, is going to be a very tight work schedule, We certainly do wish Auburn -  DAM all the luck in the world. The work in The Geysers area will continue for the next twenty years. At the present time there are four power plants being constructed, each one containing about $15 million, and two more on the drawing board. A few of the contractors working at The Geysers are C. P. Fred- rick doing site work at Unit No. 11, S & G Const. Co. working on Unit No. 12, Owen W. Han- kel working at Unit No. 14, and M.G.M. and Valiadin Engineers both busy working in The Geysers area.

Business Rep. Brad Daton reports that Argonaut Constructors are busy all over Sonoma County, from Bodega Bay to Petaluma and Oakland with 40 plus engi- neers. Don Dowd Co. and A. B. Sirl, Inc. also have all they can handle with over 40 engineers between the two companies. Glashott Bros. have had several small private jobs up to now but have just opened up 80 thousand yards for a 150 lot sub-division in Sonoma. A lot of construction work is going on between Santa Rosa and Sebastopol to expand the regional sewer system. Dan Capula Co. is in the later stages of its 153 plus million work on the Llano Rd. plant expansion. Doyle & Son are back with a full crew, trying to finish what the rain has stopped last year. B. J. W. Walters Co. is working on the pipe totaling over $4 million. Fred Arthur is over half done with his $4 million outfall main line and Pete Riewl's Sons' Co. is coming to completion with the ponds and sprinkler system. In just a few months all the output from Santa Rosa, Robert Park and Sebastopol, should be flowing conveniently from homes to the plant's ponds and then sprinkled over the fields with all bans filled, Daton said.

Hwy. 101 Contracts

After all the delays, Cal Trans just awarded the Russell Avenue bridge over-crossing on Hwy. 101, north of Steele Lane in Santa Rosa. Peter Kiewit Sons' Co. of Omaha, Neb. was awarded the job at $41 mil- lion and has been awarded the job, which was over the engineers estimate. Work will be started by the end of July.

Also on Hwy 101 Braungagel Excavators, Inc. of Castro Valley was awarded over $35 million to overlay all lanes, plus ramps from North Novato to Todd Road, south of Santa Rosa. "The work in starting now and in addition the work for the Cal Trans laying paving- hands, we can all look for- ward to a much smoother ride on the way home from San Fran- cisco in that right hand lane," Daton said.

Over $50 million is in the process of being awarded in the Santa Rosa redevelopment area, which is scheduled to be let out in parts.

Napa County has been quieter than Sonoma County so far but there is enough private work to keep full crews for Slinsen Const., Tocelli Bros., Monelli Const. and Harold Smith & Son going full out. John W. Victory is just starting on a $1 million worth of work at Lake Berryessa for the Bureau of Reclamation.

San Jose

Busy with Redevelopment

The 9.5 million dollar State Office Building project is being con- structed in downtown San Jose and is also scheduled to start either late this summer or early next year. Business Rep. Bob Fleckenstein reports that the Sewage Treat- ment Plant, from cause to gain- ing to wind down. "This has been a good job for our brothers for the past two years," he pointed out.

The City of Sunnyvale is doing a downtown redevelopment which has put quite a few of our engi- neers to work and will keep them busy for some time to come. It seems that there's something moving on every corner, which is really good and it should last for a while," he said.

The other big job that's going on is the Kaiser F m s e a t modernization. Buzz Haskins has been let the job and has been working nine hours a day for the past three months moving dirt for the project and has just about moved it all. Along with them has been Stevens Creek Quarry with all the belt loading out trucks.

Coomat and Pacific Ready Mix are setting up a batch plant to batch the concrete right there on the job site. They will have a mix plant, ready mix plant and Sand and Gravel bringing in the ma- (Continued on Page 8, Col. 1)
Oakland District Report

Truck Cranes Enjoy Good Season

Business Rep. Bill Dorresteyn reports that truck cranes are busy all over the state and into Nevada. Stevey is very busy at the Greyers, in San Francisco, Alameda, Oakland, and down the peninsula. Bill said, "they have the work and Standard Oil in Richmond. Bigge has been very busy all over the state from Bakerfield to Eureka, Reno, and up in the Sierras. Bigge, Santa Clara is very busy. Stein hard has a lot of panel work. Peninsula is busy. They had an accident and turned over a crane. No one was hurt, but there was quite a bit of damage to the crane. Reinholm is doing good also. He has an almost new 140 PHM in for his fleet. San Jose is doing good. They did some work at the Port of Redwood City for Reinholm. He had a problem with the boom hoist on his 140 and laid the boom against the side of the ship. It did a bit of damage, but no one was hurt on this either, Dorresteyn said. Winton Jones is busy off and on. He gets a little oil company work. 5 cents per hour increase... effective 7/1/78. We are starting to pick up a few more accidents," Dorresteyn commented. "Some of them are uncalled for. We had two oilers hurt on jobs in one week. Leroy Blalock broke a wrist and Vilo Phillips broke a foot in separate accidents. Brothers, look and work safe, use your outriggers and gaffs as a team on these truck cranes. You only get one shot at this life, so work safe."

Contra Costa County

Business Rep. Chuck Irie reports that the work picture in Eastern Contra Costa County is the same as reported last month. The only difference is that there are several more jobs. A pre-job was held with Leonard Construction Company out of St. Louis, Missouri for a $780,000 job that just started and will last until November of this year. This job will employ three to four Operating Engineers.

Aest. District Rep. Ron Butler reports that work in the shops continues to be excellent. Peterson Tractor Company is still working two shifts with hours. In addition they will have a full time crew of both mechanics and partsmen at the long awaited Warm Springs Dam Project near Healdsburg.

Western Traction Company has just taken on the Link-Belt Crane line and they have so much work they long ago outwore their shop, and the fence around the yard is bulging at the seams.

Southern Alameda County

Baford Banks reports that the Warm Springs area in Alameda County is alive with tractor and some big crews with several miles of pipe. Union City and South Hayward also have several large tracts of single family and condo apartment complex, The School for the Deaf and Blind has several workers from the San Jose area on Walnut Street in Fremont. The house builders and grading and paving contractors are having a heyday with perfect weather and traffic moving throughout the cities and counties as needed.

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DALE HANAN General Manager

OAKLAND DISTRICT REPORT
Repair Shops Picking Up in Salt Lake

Business Rep. Bill Markus of Utah reports that Abbott G. M. Diesel Company, in the Salt Lake City area, is experiencing the best work season they have had in several years.

The Company has recently acquired three new major customers for service and repair work which supplies the Brothers with plenty of shop and field service work plus all the overtime they care to accept.

Due to the additional work load at Abbott Diesel, the management is seriously considering a full-time night shift, which will increase the employee force by 10 to 15 new employees.

"It is a pleasure to see a good union employer like Abbott Diesel doing so well and growing after several years of hard times and rocky road," Markus said.

The Company's increased success is due to the recent change in management personnel and operating policies as well as a concerted effort to improve communication lines between the employer and the employees. Fair union employers are not at all that plentiful and we commend Abbott G. M. Diesel Company and will support them in their endeavor to become an even bigger and better union employer. Business Rep. Ron Strate reports that construction in Southern Utah is going full blast. The Prolonged out-of-work list is very close to being depleted.

J. B. Parson Construction is getting started on their overlay job on I-70 west of Green River. They have twenty-three miles of asphalt to put down and there will be approximately thirty engineers on the project.

L. A. Young Sons' Company has started their road job for Utah Power and Light at the Emery Power Plant which will keep about twenty engineers busy for the remainder of the year.

The road job in Spanish Fork Canyon is moving at a good pace now. There were some problems getting the project opened up again after the long wet winter. Brother Neil Black is the Superintendent on the job but he expects to move to the Clear Creek job on I-70 shortly. They will be working two shifts on this project and expect to employ about forty-five operators.

A number of asphalt jobs are being advertised at the present time so it looks like we will have a fantastic year," Strate added. "The Section in our Union contract keeping wages at the same level for the duration of the job on all State and Federal projects seems to be taking its toll on the non-union contractors. We have noticed that a couple of non-union competitors have gone out of business and the rest of them have only picked up a few of the smaller asphalt jobs. We believe this points out that if we get all contractors bidding on the same level, we can do a much better and faster job due to the professional quality of our journeymen engineers."

Soulaajule Dam A Race Against Time

After a very shaky start, work is now going full bore on the Soulaajule Dam in Marin County. For a populace dead set against growth as Marin County is, the $4.2 million project is the biggest contract the area has had in a long time. For a while last spring, it appeared that the project wouldn't get on line at all this year.

The problems started when bids were opened for the project, and the low bidder—Piombo Corp.—suddenly asked to be dropped from the bidding because it had inadvertently omitted $2.1 million from its bid. The project was estimated by the Marin Municipal Water District at $7.7 million.

In the ensuing confusion, the water district's directors dropped the entire set of bids. This delay jeopardized the project, since one of the requirements was that the dam be completed in time to catch next winter's runoff.

For a couple of weeks, it appeared that the dam would be shelved until next year. But a new set of bids were opened on March 22 with Tutor-Saliba taking the contract at $6.2 million.

They immediately flew into high gear, realizing they would have to move a million yards of dirt, construct spillways, pipeline and clear the reservoir area of growth by November 1. The dam will be used for a 10,000-acre-foot holding reservoir. Runoff from the area will collect in the reservoir and be stored until the dry months. When water will be pumped into a previously constructed pipeline that will carry it to a creek emptying into the Nicasio Reservoir in west Marin County.

An official for the water district told Engineers News that the project is still not out of the woods. By the middle of August, he said, the state Division of Dam Safety will have to make a determination on whether the dam can safely be built by the November 1 deadline.

If they decide the dam cannot be completed by November, workers will have to "waterize" the project to prevent erosion damage this winter. The project was expected to be completed by next spring. If state dam safety determines that Soulaajule can't be completed by November, chances are the contractor will speed up his operation even more.

"It's a race against time," said Carl Baunsteiger of the Marin Municipal Water District. "We're not positive the contractor will make the schedule because there is still a lot of work to be done."

As it is, Tutor-Saliba is running double shifts, six days a week to make the schedule. There have been some complications, too, in that some of the rock fill material that was to be borrowed from a pit on site proved to be below the specifications required. As a result, the contractor is now looking into the possibility of importing some of the rock fill material from a quarry in Healdsburg. Business Rep. Ernie Louis, who is servicing the project, notes the contractor is also eyeing the growing cement shortage apprehensively. He will need 3,000 yards of concrete for the spillways and outlet pipeline, and many of his projects throughout the state are receiving notices from suppliers of the shortage.

Operating engineers working on the job definitely have their work cut out for them if they hope to be done by November.
**ENGINEERS NEWS**

**August, 1978**

**More from Mayfield**

(Continued from Page 5)

featured a $3.38 per hour economic package over the next three years and a substantial amount of contract language that in total has been heavily ratified by the membership involved. For all practical purposes, the only major agreement left in the State of Utah this year is the Custom Contract and negotiations for the new-expiring agreement are expected to commence immediately.

In closing, I would say that I very much enjoyed the good fellowship that the association with many of our members and friends recently at the annual Redding and Sacramento Barbecues held on Saturday, July 20 and Sunday, July 21, respectively. There always seems to get bigger and better with good fellowship, good food, drink and music attracting good attendance year after year, and these Engineers tell me in the proper time period there is just an added bonus. For those who might still wish to attend such a fine affair, the San Jose Barbecue is scheduled for August 6, 1978, and the first Annual Nevada Barbecue for August 12th. Hope to see you there.

**'Blood Alley' Receives Funding**

(Continued from Page 1)

well as surface drainage, lights and landscaping at an estimated cost of $11.1 million.

Marr commented that the "Blood Alley" project is a classic example of the need for union members and citizens groups to become vitally involved in the political arena.

"I am without a doubt that this $40 million project would not have the green light today had it not been for the pressure our members and the citizens of San Jose exerted on the state," Marr declared. "Just two years ago this project was not even in the six-year transportation plan. It took every trick in the book, including the threat of lawsuits and a full scale audit of CalTrans to help get this project on line."

Marr explained that an audit taken two years ago revealed a $59 million surplus in the coffers of the State Transportation Department. Knowledge of the surplus enabled the Highway Commission—which at the time was at odds with CalTrans—to allocate the vitally needed project in the transportation budget.

The infamous "Blood Alley" stretches from San Jose south to Morgan Hill, and is continuously interrupted with vehicle lights and poorly marked intersections. The dangerous stretch claims on the average of 12 lives a year, making it the most deadly section of highway in the state.

In other highway news, the Assemblymen for the Assemblymen: John Knox (D-Bend) and Jack L. Brown (D-Redmond). Assemblyman Walter Ingalls (D-Riverside) the revolt came as an example of the need for union involvement in the transportation budget.

As of this writing they are at the job site working and to see the moral as high as it is," Havenhill said.

"At the same time the Assemblymen: John Knox (D-Bend) and Jack L. Brown (D-Redmond). Assemblyman Walter Ingalls (D-Riverside) and the State Controller, Mr. Fryman are not even in the surplus enabled the Highway Commission—which at the time was at odds with CalTrans—to allocate the vitally needed project in the transportation budget."

Local 3 has endorsed the following candidates for the upcoming Nevada Primary Election:

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**Redding 'Out of Work List' Less than One Percent**

District Representative Ken Green reports that the work in the Redding area has picked up to a point that the "Out of Work" list is less than one half per cent the number of members in the area.

Ladd Construction Company was the successful bidder on the Hiway 36 job at Forest Glenn. This leg of the job takes off from where Ladd finished their other project 3 years ago at the bridge at Forest Glen. For those who are not familiar with this area it is very steep ground with some rock and some dirt and 80 miles east of 1-5 at Red Bluff. Bob Blair pushed the last leg of the 36 job so this will only be a continuation of what he had 3 years ago.

Ladd started 13 days ahead of the award date with the removal of the timber and clearing.

Ladd also is low bidder on the Hiway 36 job at Paynes Creek. This job starts at the old grade and had very little shooting to do. This job is also fairly steep ground but had a lot of lava rock.

Cal-Ore is paving the 14 from Cottonwood to Red Bluff. The project is moving along quite well with no traffic delays and next to no breakdowns on the paver.

Brother Bob Havenhill on the Mush Room Job has been very successful in bidding for ComCon for the 3 years and has kept several brothers working in and around the Redding area.

Three D Construction is working on their Shasta College job to south Redding sewer lines— they have cut back from three crews to one and are moving along quite well.

Brook Fisheries is working on the South Redding Sewer Treatment Plant. The dirt work is all done but the concrete work is just starting. There is one year time limit on the project and about September 1979 the project will be winding up.

"With the help we have and you Brothers who are not working and want to work get in touch with the Job Placement Center office and we could tell you where the best job opportunities are and if you are willing to work there is no excuse for you not working," Green said.

"We want this money spent, not bickered," declared an angry Assemblyman Walter Ingalls (D-Riverside). The revolts came as an example of the need for Union Resource and Transportation subcommittee voted its final take-leave-of-the $49 million proposed budget for the state transportation department.

**Nevada Primary**

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New Melones Will Top Off This Year

Asst. District Rep. Joy Victor reports that the work done in Stockton and Modesto areas is as good as it has been in the last several years. However, the office manages to fill most of these job orders through the adjacent districts and off the C-List.

The New Melones Dam project is just now entering its final stages. The fill should be topped off some time in October or November. The powerhouse will take considerably longer to build, however, a good many brother engineers have enjoyed a lengthy term of employment at this project.

S. J. Greaves is just now starting to span the voids between the bridge piers with the bridge sections themselves. The company is also going to be doing some extra work on the approach roads due to slides.

George Reed Company is running full crews at their rock plant and also does various overloads through the area.

"The Camp Nine project from what we understand is running close to schedule," Victor said. "Completion of this project should close the area.

The local contractors in the Stockton and Ceres areas, as well as some visiting contractors from surrounding areas are enjoying a backlog of work. When they complete one job they have another to go to.

L. E. Wentz out of San Carlos is building a $2 million warehouse for a food processing firm in Turlock. Unfortunately these types of jobs do not employ very many operating engineers, Victor commented. Another recent bid let is for the water treatment plant for the City of Newman for over $2 million. This project will give the local engineering firms an opportunity to submit bids for the construction staging.

The apparent low bidder on the Newman project is the Fred J. Early Company. This company now has 3 projects in Stanislaus County itself. First being the Turlock project, also some additional work to the Modesto Treatment Plant and now the Newman Treatment plant.

The Stockton and Ceres offices reminds the members to register to vote for the upcoming general election.

The DAY CREW WORKING the New Melones Dam job on the Stanislaus River are, from left to right, Don Shanklin, Jim Anderson, Robert DeCamp, Lee Dulko, Job steward, Bob Boxley, Amos Smith, Larry Tredway, Rolf Larson, Lester Hodge, local 3 Business Representative Joy Victor, Foreman Ross Sliger. Kneeling in front are Tony Skimoniski and Bud Wilhite.

September 12 Marks Nevada Primary Election

By JOHNS MCDONAH

For over 1,750 members of Operating Engineers Local 3 and their families, living in Nevada, September 12 is primary voting day. The election will determine the Democratic and Republican candidates for the six statewide constitutional offices along with the legislative candidates for the state Assembly and Senate.

The campaign commanding the most media attention will be the governor's race. Having served as District Attorney for the last six years, governor for the past eight years, will be retiring at the end of this term.

Local 3's endorsed candidate, Lieutenant Governor Bob Rose, is the front runner for the Democratic nomination. Campaigning hard on the issues of continued growth for Nevada, tax reform and a reduction in the crime rate, Rose has pledged to maintain a close working relationship with the people of Nevada "so that the ideas of the people on these matters are given an opportunity to work.

Rose has pledged that he will give top priority in his administration to "keeping Nevada's economy strong and healthy." He says that "Nevada is experiencing growing pains now. The areas of Reno, Sparks, Carson City and Las Vegas are expanding daily. We have to make sure that not only do we have growing expansion, but that it continues in a manner that is not detrimental to the quality of life we have here in Nevada."

Rose contends that Nevada needs to encourage a strong cross section of economic activity throughout the entire state. He pledges he not only will continue to support the tourist and gaming industries, but his administration will also promote diversification in the type of industry that will locate in Nevada.

"Rose would also like to see the economic growth that Nevada is experiencing distribute throughout the entire state, so that the rural communities can receive their fair share of Nevada's prosperity."

White encouraging economic growth and continuing the government's efforts to promote additional economic expansion, Rose promises to keep a watchful eye on state spending. In keeping abreast of the growing tax reform movement, Rose wants to cut property taxes for homeowners by 30 per cent.

He also wants to reform the sales tax. Currently, Nevada residents must pay the 3 1/2 per cent sales tax on all items. Bob Rose would like to see the sales tax removed from food.

If Bob Rose is elected governor in November, he will inherit the state's largest budget surplus in the history of the state... $150 million. Rose pledges to develop a program to either refund the surplus or reduce other taxes so that the state will no longer collect more taxes than it needs.

Prior to his election as Lieutenant Governor in 1974, Rose served as District Attorney for Washoe County. During his term as DA, Rose served as Chairman of the Nevada District Attorney's Association.

Rose has earned a reputation as a friend of the labor movement in Nevada. Local 3 Business Manager Dale Marr terms Rose "the best political figure that organized labor has seen come along in Nevada for quite some time. He is a smart, tough, effective politician."

Business Manager Dale Marr has called on the leaders of Nevada's labor movement to unite behind the Rose campaign. Marr believes that "the labor movement can make the difference in the Rose campaign. I think it would be a great help to Bob Rose if all labor unions worked together to see that all our people are registered to vote and that they then get to the polls on election day and exercise their right to cast their ballot for their favorite candidate. I just hope it is Bob Rose."

Looking into the future, Marr is certain that Nevada is going to be one of the big growth states in the West for the next 10-20 years. "If the labor movement has any ideas of making progress for its members in Nevada in terms of a strong legislatve package, in terms of providing a continuing warming of the economic climate in Nevada, in terms of helping to achieve the good life for our union members, then we better get behind Bob Rose's campaign 100%!"
Smallpox: An Endangered Species?

In three dab freezer chests in a laboratory near Atlanta, Georgia are more than 300 specimens of the most bizarre and malevolent endangered species on earth. The laboratory, at the federal government's Center for Disease Control, is one of the last refuges of a living thing that has killed many millions of humans and has spread panic and destruction for thousands of years. It is the virus that caused smallpox. Stored in little glass vials at 94 degrees below zero are specimens from many different years and places, from deadly outbreaks in which almost half of the patients died and from others that were relatively mild.

The Center for Disease Control has samples from the last smallpox outbreak in Bangladesh, in 1975; from the last outbreak in India, the same year, and from what may prove to have been the last case of smallpox on earth—in Meke, Somalia, last October. Public health experts think it's likely, though not proved, that the smallpox virus has already been eliminated as a human infection everywhere on earth.

At present, scientists at the Center for Disease Control do most of the world's laboratory diagnostic work on smallpox—testing each new suspect sample to determine whether it is really smallpox virus.

The preserved virus samples are kept under lock and key in a laboratory that few people are allowed to enter. When no one is in the laboratory, the whole area is bathed in the baleful blue glow of ultraviolet light intense enough to kill an escaped virus.

No one may enter the laboratory without proof of a successful vaccination in the past three years. Those who work there regularly are vaccinated yearly.

The air is filtered continuously and the air pressure is kept slightly below that of the outside atmosphere so that airflow, except through the filters, is always inward.

Nothing leaves the enclosure without being disinfected. Every person who goes in must shower before leaving and blow his or her nose to eliminate anything lodged in the nasal passages. Only laboratory clothing is worn inside and every garment is sterilized after use.

Any virus that has not been found anywhere outside a laboratory since the case in Somalia, a young man who has recovered. But no one can be certain that he has indeed the final victim, and specialists at the CDC say the war over the Ogaden has hampered surveillance, especially on the Ethiopian side.

The dread virus has not been found anywhere outside a laboratory since the case in Somalia, a young man who has recovered. But no one can be certain that he has indeed the final victim, and specialists at the CDC say the war over the Ogaden has hampered surveillance, especially on the Ethiopian side.

FRINGE BENEFITS DIRECTOR Mike Kraynick answers a question about the Local 3 pension plan to a couple attending the recent Redding "Pre-retirement" meeting.

Business Manager Dale Marz thought we could do a better job of providing information to the member who was considering retirement by holding pre-retirement meetings in all of our Districts. He instructed me to set a schedule which we have just concluded with a meeting in Salt Lake City on August 3. It has been gratifying to all our officers to see your interest by both your attendance and your questions.

This series of meetings was informative to us here in the Fringe Benefit Service Center, too. Prior the experience Gained from these initial meetings are now preparing material to help in our talks at the pre-retirement meetings now planned for the early spring of 1979. Keep in touch with your District Representative and your business agents for the date of your area's pre-retirement meeting.

One of the topics that we reviewed in detail at these meetings was the Pension Application. Because of the number of prospective Retirees filing applications (about 75 per month) I think it is important to review the Application in this column not only for those facing retirement in the immediate future but also for young active engineers because of the Records needed to establish a work history.

Following is an outline of the information requested on a pension application:

**Personal Data**

This is the usual information necessary for identification, name, address, etc... including Registration Number(s).

**Employment History in Local 3's Jurisdiction**

This section of the application is for listing your periods of employment as an Operating Engineer in Local No. 3's jurisdiction prior to retirement and establishment of your date of birth. This information is needed to verify the period that you may be entitled to Retirement in this fund.

**Employment Outside of Local 3's Jurisdiction**

If you worked as an Operating Engineer outside of Local 3, you may be entitled to some credit under the International Reciprocity Agreement. Listing the other jurisdictions in which you worked will help speed up any payment that might be due you from another Pension Trust Fund. If you have worked in another local union of the International Union of Operating Engineers during the time that you worked in Local 3, you may be entitled to some credit under the Reciprocity Agreement. If you worked in another local union of the International Union of Operating Engineers during the time that union had an established pension program prior to your leaving or transferring out of that local's jurisdiction, there is a possibility that you may be entitled to some pension credit from that local.

**Union Membership; Military Service**

Union Membership Records are requested from IUOE in Washington, D.C. and are usually received within 4 weeks of the request. Your indication of membership in other Locals will expedite research in other Locals.

Your records of enlistment and Discharge are essential to establish any period that might be considered for pension credit. By completing the following month assuming of course that you meet all of the requirements. If you should file in August, Benefits could be payable in September. However, remember that accumulation of the necessary documentation and verification of your work history in order to establish all of the pension credit to which you may be entitled takes time—allow sufficient time for processing, at least 3 to 4 months.

No benefits can be paid without filing an Application, it is the only way to obtain the maximum benefits or obtaining all of the pension credit/benefit to which you may be entitled.
WINNERS OF THE SECOND ANNUAL Honolulu canoe regatta are Local 3 members (left to right) Solomon Chang, Mke Krochina, Jim Beyer, Peter Drost and Charles Kotowski. They are employees of General Construction, Hawaii.

In Fresno

New Office

This article was specially prepared for Engineers News by Claude Odom, Annah Laura, Jerry Bennett and Ber- nard Smith.

Construction of Fresno's Freeway 41 is a little behind schedule, but it is so far costing the State about $750,000 less than budgeted, according to local CalTrans officials.

Most Fresnans are aware of the first phase of the project, as they drive through detours at Dakota, Ashlan, Gettyburg and Shiner Avenue. The work has been delayed somewhat due to heavy winter rains, but with construction continuing at a fast pace, the four underpasses are still expected to be completed by March of next year.

The cost saving resulted from a low bid being awarded to C. C. Meyers Company of Sacramento, which is the firm working on the first phase of the freeway. They're doing the job for $2.6 million, lower than the budgeted amount of $3.36 million.

The second phase of the project, bringing 41 from where it currently stops at Dividersen to Olive Avenue and connecting Freeway 180 from Blackstone to 41, is currently cut to bid. The bids will be opened July 19, with work expected to begin within two months from that date. That portion of the north-south freeway is estimated to take about two years before completion, and should cost between $9.8 and $11.8 million.

Supplemental funds of $355,560 for the Disadvantaged Youth Program have been released by the Department of Labor for summer jobs in the State. Of the total amount, $18.89, will go to the City of Fresno. The remaining $50,700 will be used to create new job opportunities for the economically disadvantaged in other counties of the State. The funds employ young men or women aged 14-21 for a work period of nine weeks. Working on an average of 25 hours weekly, and paid the minimum wage scale, these youths, sons and daughters of Union members, serve in such positions as recreation leaders, museum aides, lifeguards, clerk-typists and maintenance assistance in various categories from industry and the public sectors.

Education and related safety and health training courses under OSHA and the Department of Labor Training Institute, has made available to Local Union No. 3 the 48-hour Construction certification program in occupational Safety and Health Practices for Hawaii's Building and Construction Craft Union members. The first Program in our State and sponsored by Labor in conjunction with the AFL-CIO Building Trades Council, was needed to share the benefits of the program with the Stewards and joint labor-management safety-committee established programs under Hawaii's Safety and Health Regulations, adopted by the 1978 legislature (S.C.R. 33-H.D. 1).

Hwy. 41 Project Gets Underway

Favco Crane Introduced to Hawaii

The first Favco crane of Australian design is being introduced for the first time to Hawaii Operating Engineers. The new crane is operated by Local 3 member Harry Chang, who was amazed at the line speed and accuracy of all the hydraulic controls.

The slewing speed is double that of the Hammerhead crane, commonly seen around Hawaii construction sites, Chang says. This Australian crane uses a moveable jib as opposed to hammerhead operation, as well as a fixed horizontal 130 foot boom that carries a counter-weight on one end and a trolley with hook on the other.

The advantage of using the lifting jib is that the counterweight is attached directly behind the Operators control station and does not interfere with other buildings, power lines or obstructions in proximity to the building construction near a jobsite. The external power source is not required since the Favco Crane, uses the Detroit or Volvo diesel engines.

In a Hawaii operating capacity, Chang has been a member since 1952 and is in charge of the Favco crane activities at the Pacific Monarch Hotel project located at Waikiki.

Concrete pads supporting the Favco crane and the lower section made of high tensile steel enables the Crane to free-stand at 150 feet. Due to health environment noise conditions and strict regulations in the tourist area of Waikiki, diesel engines are used. The Crane also has the capability of self-climbing and self dismantling if used externally. There is no need for a stiff-leg crane to dismantle after the site completion of the structure.

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Footnotes

From the Pacific

By HAROLD LEWIS
Financial Secretary

Members of Local Union No. 3 won top honors in the second annual Honolulu canoe regatta. They are employees of General Construction, Hawaii (the team photograph was taken at the Harold Kanoshani Lewis Office Building in Honolulu.) Comprising of 85 operating engineers, 85 crews entered the Race of Champions. As reported by Jim Beyer, (Steward) to Hawaii Engineers News Editor, it was the culmination of many hours of paddling in the surf, but as a team of safety workers in out-rigger canoes, they competed for the first spot down to the final line of champions. The Team entry fee of $100 was donated by the Crane Operators to the Honolulu Canoe Club for Hawaii's Youth.

The Society of Professional and Safety Engineers has named the Honolulu International Airport reef-runway one of the ten outstanding engineering achievement of 1977. Workers on the project included more than 250 operating engineers. Coral fill was dumped from the deep ocean floor to build the offshore airport. The constructed reef-runway airlift is the first major facility which utilized three dimensional models in determining the overall effect on circulation patterns within the area of Kulei lagoon.

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Fresno (Continued from Page 11)

The U.S. Forest Service is calling for bids on July 5 for approximately 3 miles of reconstruction of Sherman Pass Road beach section, in southeastern Tulare County. The contract calls for widening, grading and paving of the existing road, from the south fork of the Kern River into Beach Meadows.

The Bureau of Reclamation will open bids on July 27 for approximately 200 miles of collector pipeline systems for Wendels Water District near Mendota.

This past month we have been in negotiations with Stuart Radiator of Merced and Frank Martin on the negotiations committee. The company has been going out of sight lately. But the project can stay with the project if the project is completed.

August, 1978

TEACHING TECHS

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Tech Engineer Rep. Paul Schissler had to do the hard part—that was to get John up to Youville north of Napa without letting him know what was going on. It became pretty evident, though, when the crew employed by Adventurers Airch (pictures right) got their balloon ready for takeoff. Liftoff was at 7 a.m. and about an hour later John, his wife, some friends and the pilot touched ground in Napa. Pictured above is John Laii and his wife. John is a certified chief of party.

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Tech Engineers working at the San Ramon Housing Development area, from left to right, Bob Bryant, certified chief of party, Steve Rose, instrument man and Jim Pierce, senior soils engineer.

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Nevada Work at All Time High

By JERRY MARTIN, Director of Safety

Think Safety
Work And Play Safely

In recent weeks there have been several accidents occurring that have caused the deaths of three workers, and the hospitalization of the fourth. As this is the time of year when we have been operating came in contact with overhead high voltage lines.

Contacting a line with electrical overhead wires is an unsafe act that can and must be prevented. Naturally it will take the cooperation of everyone concerned.

Number one is that the employer MUST properly instruct all persons of the dangers that come with overhead power lines and the location of a line, that is in a work area, that the real danger of electrocution is a possibility.

Electrocutions are among the most frequently repeated of all construction accidents and most of them are caused by cranes contacting overhead power lines. Power line contact in turn is also the largest single cause of fatalities associated with cranes. This involvement of mobile cranes than tower cranes are potentially just as dangerous! There is an area surrounding every live power line that is referred to as “An Absolute Limit of Approach.” It is strictly forbidden to move past the absolute limit of approach or load line or live line on this area unless the line has been positively de-energized insulated or grounded. THERE ARE NO EXCUSES.

Generally speaking the absolute limit of approach varies such as:

- Line Voltage
- Approach Limit

IF A WORKER COLLAPSED FROM HEAT, WHAT WOULD YOU DO?

Here are some tips. Try shirts again. The long, hot summer is the time of year most looked forward to by contractors and maintenance workers. It is also a period of an ever-increasing health hazard to workers, becoming more prevalent with each passing year. We’re referring to hot weather ailments such as sunburn, heat exhaustion, heat stroke and heat cramps. In the past, when air conditioning was not widely used, people usually acquired an immunity to extreme heat and humidity. Now we workers spend a lot of their hours in air conditioned cars, homes and entertainment facilities.

Heat exposure most seriously affects older workers and those temporary summer em- ployes who are not used to being out in the weather for an 8-or 10-hour day. Couple the heat with high humidity, and serious problems will result.

Office personnel in your organization may notice the effects of extreme heat only on the weekends, but a worker felled on the golf course is every bit as useless on Monday morning as the worker over-heat on the job.

Let’s look at the common symptoms and first aid action required for common heat exposure:

- Sunburn—Men who work without shirts are not safe. Sunburn is a problem. In fact, many employers require that shirts be worn at all times on the job. It’s a sound policy. Failure to take the necessary precautions can result in severe sunburn which is referred to as “An Absolute Limit of Approach.”

A good rule to follow, is whenever any of us move a boom rig into a job-site in the hot, extreme, or critical hazards, please communicate with your supervisor immediately and establish the ground rules, if you are not, I repeat, not satisfied with his answers contact your local hall immediately and we will give you immediate assistance. BE CAREFUL!!!

When Operating Cranes

- Remove the patient’s clothing and provide shade.
- If heat exhaustion or heat cramps are suspected, give the patient sips of water or a salt solution. A doctor should be notified.

- Headache—Men working in confined areas should be given the opportunity to get some fresh air and cool water as needed. Avoid alcohol or lukewarm water to help reduce the temperature to more tolerable levels. Pulse should be reduced to below 110 per minute, and spontaneous can occur when temperature and pulse appear to be under control. Observe the patient for about 15 minutes and if the temperature returns to normal, begin spontaneous again, but cautiously.

- Heat Cramps—This condition can be as- sociated with a failure to prevent heat cramps by severe cramps in the abdominal muscles or limbs. Heavy sweating with resultant loss of electrolytes is the primary cause of heat cramps. Heat cramps usually respond better to firm massage than cold. A cup of ice water, salt and pepper should be provided at the job site cooler.

- Heat exhaustion—In mild cases, the victim feels unusually tired, and may experience

headache and nausea. In severe cases, sweat- ing is profuse, weakness is extreme, and the skin is pale and clammy. Body temperature will register close to normal, vomiting may occur.

The American Red Cross advises that bed rest is the best form of first aid for heat ex- haustion. A salt solution, consisting of a quarter-teaspoon of salt per glass of water, should be taken every 15 minutes for three or four doses. A doctor should be notified.

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Talking to Techs

(Continued from Page 12)

Teaching Techs

before qualifying as a JOURNEYMAN Class of Party.

The RELATED TRAINING CLASS Instructor reports to the Adminis-
trative Office at the conclusion of each RT class session by means of the ATTENDANCE ROOSTER which contains the following infor-

- Name, period of Apprenticeship, OJT hours, completion of Re-

ated Training Material, Red Cross First Aid Certificate, previous
history of attendance, and current attendance, which includes make-up
classes, excused absences, medical leave, etc.

The Related Training Class Instructor will keep an ongoing SCHOOL
RECORD SHEET for each Registered Apprentice indicating progress
through the Related Training Material. Each Registered Apprentice,
the Instructor and the Administrative Office all have ACCESS to
the same PROGRESS INFORMATION which is updated before each
class session.

It is the RESPONSIBILITY of the INDIVIDUAL REGISTERED AP-
PRENTICE to be aware of the balance of OJT hours, ITT progress and
First Aid Certificate status!

The Northern California Surveyors Joint Apprenticeship Commit-
tee has instructed the Administrator to SUSPEND the Appren-
DATION of the Apprenticeship Agreement by the J.A.C.

The record in the Administrative Office indicate that the PROGRESS of
a Registered Apprentice is DEFICIENT.

That means TERMINATION of EMPLOYMENT and/or REMO-
VAL. The Out of Work List and is caused for CANCELLA-
TION of the Apprenticeship Agreement by the J.A.C.

It is recognized that the learning skills of indi-

IVIDUALS may vary widely. The TIMING SEQUENCE has therefore
been set at MINIMUM STANDARDS. Each individual Registered
Apprentice must decide on the appropriate EXTRA TIME and EF-
FORT to devote to study and practice.

There are SPECIFIC RULES and REGULATIONS that the indi-
vidual Apprentice is EXPECTED to KNOW and CARRY OUT. Keep a
copy handy for reference. If the copy is lost or de-
stroyed, request another from the Administrative Office.

FAILURE of the Apprentice will be subject to appeal to the JOINT APPRENTICESHIP COMMITTEE.

The A COMPLETE FILE is maintained at the Administrative Office
for each Applicant and Registered Apprentice. The files is available
to be examined by the individual Apprentice in the presence of the Admin-
istrator. Please have an appointments made before this portion of the
examination. ACTIONS of the ADMINISTRATOR are subject to APPEAL to the jointly APPOINTED SUB COMMITTEE. ACTIONS of the INTERPRETATION COMMITTEE are subject to APPEAL as provided by State and Federal Law.

Agreement To The Northern California Surveyors Joint

Apprenticeship Committee

By The Undersigned Applicant or Registered Apprentice

The Northern California Surveyors Joint Apprenticeship Commit-
tee requires that every applicant and Registered Apprentice certify
that the following documents have been received, read and understood:

1. Selection Procedures for Chairman/Rodman Apprentice.
2. Selection Procedures for Chief of Party Apprentice.
3. Notification of time, date and place of Related Training.
4. Curricula Material Order Form.
5. School Record Sheet.
6. Related Training Class Rooster.
7. Applicant and Registered Apprentice Rules and Regulations
8. Master Record Sheet.
10. Appeal Procedures.
12. Information packet for the Applicant and Registered Apprentice.

By the Tehama-Colusa Canal near

Ball and Brosamer is going full

The members working in

Plaza's pit, out in Blossom Hill

area, have been working nine

eighteen hours per day for the

first couple of weeks.

Most of the rock plants are

going pretty good to furnish

material for all the projects that
are going throughout the area.

Pablo points out that, although

the work picture looks good for

this year and next, the mem-
bers should remember to vote in

the November election, and are

urged to follow the advice of the

Executive Board of the Interna-

tional Union.

The predecessor to Devens Union

was the American Federation of Labor- Congress of Industrial Or-

ganizations, founded in 1886. The

AF of L merged with the Congress

of Industrial Organizations in 1935.

The Continuing Collective

Bargaining Agreement of the

Devens Union expires at the end

of the year, and the Union is in

the process of negotiating a new

agreement with the management

of the Devens Plant. The Union

is also involved in the ongoing

negotiations for a new agree-

ment with the Devens Plant for

the Devens Plant, which man-

ufactures the Devens Union's

principal product, the Devens

Union shirt.

The Devens Union is one of the

largest unions in the world, with

a membership of over 100,000

workers. The Union plays a

key role in the economy of the

Devens Plant, and is actively

involved in the development of

new technologies and products

for the future. The Union is

committed to ensuring that its

members have a voice in the

decisions that affect their lives,

and is dedicated to providing

the highest level of service to

its members.
More from Marysville

(Continued from Page 14)

has a lot of work in the Marys-
ville and Olivehurst area and also
out at Beul Air Force Base.

Murchison Construction has
started the work on the new Mary-
vyn's Department Store in Marys-
ville. They are anticipating com-
pletion of the north side in time for
the Christmas Sales. Robinson Con-
struction in Oroville is busy finish-
ng up the south side of the area
which is almost ready for the
Christmas trade.

Also, at this time, they have a
job in the Lake Madrone Area.
But that is just a part of the overall
swarming rock in Chestet-

Personal Notes

Marysville
Our deepest sympathy to the family and friends of deceased Joe D. Houghland, Jr., son of member Brother Joe D. Houghland, Sr.

Santa Rosa
With regret we report the death of retired member Lucius Baker. Our deepest sympathy is extended to the family and friends of our late Brother.

Sacramento
Homer Kerr, job steward for Syar Industries Plant at Madison, has retired after many years with this Company. Homer was also known to us at our Antioch job in Sacramento where he always brought home made ice cream and different foods to entertain the little kids. We wish Homer good luck.

Our sympathy is extended to the families of deceased members Alfred Fountain, James Clark, Robert Miller, Elvin Erickson, William Greenwood, Jose Angel, Walter Durfee, Harold Keener, Aaron Milam, Orner Christensen, Olle Connerly, Egbert Whipple, Frank Duarte, Tom Pettibone, Clay Cooke, and many others.

Get well wishes go to Roy Moore, Jr., Ellis Kiddingfield and A. C. Dunlap.

They have also started the Air-
port job in Quincy. Cal-Ore Con-
struction is busy on the Airport
job in Beckwourth.

Crooks' Brothers are about to
begin their road job in Battle.

John Melkin will be starting a job
on Highway 4— the low bid was
$295,720.00 on this job.

IMPERIAL BANK

We would like to thank all the
people who donated blood recent-
ly. We sincerely appreciate all of
the donations and, as usual, we
would like to remind everyone that
we are in need of these dona-
tions.

Trumpers to DeWitt Dawson on the passing of his daughter Rhoda, Albert Klopek on the passing of his wife Lucy, Carl Safstrom on the passing of his wife Margaret, and Jake Louven on the passing of his wife Anna.

WHAT SOME PEOPLE DON'T KNOW ABOUT POWER LINES IS SHOCKING.

There are two ways construction work-
ers can find out about overhead
power lines.
The easy way. And the hard
way.
The easy way is PG&E's public
safety information program
called "Why Bet Your Life?"

This free program is designed
to help construction contractors
and their employees how to avoid
accidents and injuries when working
near overhead and under-
ground power lines. How to han-
dle high-voltage equipment, booms,
cranes, machinery, and construc-
tion materials, so they don't become
dangerous electrical

columns. And how to handle
emergencies, if they do arise.

All you have to do is call your nearest PG&E office. We'll
provide you with a free 16mm color movie or slide film and
receive our free power safety pamphlets.

Spanish language versions of all materials are available.

Now that you know there's an easy way to find out about
dangerous power lines, give PG&E a call.

Why wait to find out the hard way?

PG&E's "WHY BET YOUR LIFE" PROGRAM

RULES FOR SUBMITTING ADS

Any Operating Engineer may ad-
vertise in these columns without
charge any PERSONAL PROPERTY
he wishes to sell, swap, or pur-
chase. Ads will not be accepted for
rentals, personal services or side-
enements.

PRINT OR TYPE the wording you
want in your advertising on a sep-
ate sheet of paper, limiting your
self to 30 words or less, including
your NAME, complete ADDRESS
and REGISTER NUMBER.

Allow for a time lapse of several
weeks between the posting of let-
test notices and receipt of your ad
by our readers.

Please notify Engineers Swap
Shop as soon as the paper you
have advertised is sold.

Because the purpose should be
served within the period, ads be-
tween the first of the month and
the last can not be reprinted from
the newspaper after three months.

Address all ads to Engineers Swap
Shop at the PG&E office.

Metal hole punches also rea-

MURPHY, 8-78

ENGINEER NEWS
Page 15
RESOLUTION OFFERS ILLEGAL ALIEN SOLUTION?

(Editors note: The following resolution has been submitted to the State Democratic Party.)

WHEREAS the Carter Administration has shown expressed verbal concern for international human rights and has indicated that such concerns must become an integral part of United States foreign policy; and

WHEREAS human rights are best exemplified by the free right of freedom for people to share in the "hows" and "whats" which we have decided; therefore be it

RESOLVED, That the California Democratic Party transmit this Resolution to the National Democratic Party, and all Congressional members from California, and

RESOLVED further, that a Hemispheric Conference be called for Mexico City in late 1979 or early 1980 to discuss new policies of economic self-help, cooperative energy development, job training and guaranteed nation of opportunity and physical conditions that

RESOLVED further, that a Hemispheric common market be developed to cooperatively market and set prices on food, clothing, shelter, and a Hemispheric minimum wage and an in common import export tariff; and be it

RESOLVED further, that the California Democratic Party transmit this Resolution to the National Democratic Party, and to President Carter, Vice President Mondale, the Secretary of State, the Secretary of Labor, and all Congressional members from the State of California.

KENNETH S. ERWIN
Co-Chair, 6th SD