Automation Wiping Out 2 Million Jobs a Year

Some shocking figures on the impact of automation were given before a Senate Labor subcommittee recently by John W. Snyder, Jr., chairman and president of U. S. Industries, Inc., makers of automated equipment. That company and the International Assn. of Machinists have jointly created a foundation to study the effects of automation.

A report soon to be made by the foundation, Snyder told the Senate committee, will show that automation is abolishing jobs at the rate of 40,000 a week, or two million a year.

He challenged previous Labor Department testimony that automation is wiping out only 200,000 factory jobs a year. "That," he said, "is an example of the "reductive myth" that automation doesn't have much effect on employment."

Snyder called the 200,000 figure a "gross underestimation," and said "we must keep in mind that automation is not only displacing people directly, but also indirectly with "ghost farmers" of workers who would have been hired for jobs eliminated by automation."

Snyder said another "myth" is that automation creates jobs for workers, in building, operating and maintaining the machines. "The hard truth," he declared, "is that modern automated equipment requires little maintenance."

And, if the number of workers required to build the machines were equivalent to the number replaced by automation, there would be no point in automating. "A third myth," Snyder continued, "is that the belief that those who lose their jobs to automation can be retrained and put into other jobs requiring higher skills and paying more money. As studies have shown, automation is more likely to reduce the demands for skills and aptitudes. Besides, many workers are just not retrainable, due to their levels of intelligence, education and age."

In conclusion, the industrialist said "we have failed to keep pace with the widening gap between scientific progress and man's ability to cope with it. If we are to survive as a nation, we need new sociological and economic ideas."

One thing needed, he emphasized, is a reduction of working hours.

Map of new subsistence zone boundaries on Page 5.
Followings are the regulations, election and nomination of delegates to the 10th European Congress in Stockholm, Sweden, adapted by the Election Committee on December 16, 1963....

Section 1. There shall be delegates and alternates elected in the number to be announced by the presiding officer just prior to calling for nominations.

Section 2. Ballots shall be mailed out between February 7th and 13th, 1964, and must be returned to the Post Office Box on or before February 28th, 1964, at 10 o'clock a.m. of the date the Post Office Box shall be opened for the first and last time.

Section 3. All members, not suspended for non-payment of dues as of December 11, 1963, of the parent Local Union and the Subdivisions of Operating Engineers Local Union No. 3 shall be entitled to be nominated.

Section 4. All members in good standing in the parent Local Union and Branch Subdivisions of Operating Engineers Local Union No. 3 except those members non-payables shall be eligible to nominate candidates for delegates.

Section 5. All members not suspended for non-payment of dues of the 8th, 1964, of the parent Local Union and the Subdivisions of Operating Engineers Local Union No. 3 shall be eligible to vote.

Section 6. The number of candidates to be nominated by the presiding officer just prior to calling for nominations, who receives the highest number of votes cast shall be declared elected delegates and alternates. Their names shall be arranged in descending order based on the number of votes received. In case of a tie, the number of votes at the bottom of the list shall be counted down to the list, the [numbers of] votes at the bottom of the list, the (1) through the number to be arranged. The number of delegates shall be determined by the presiding officer just prior to calling for nominations.

Section 7. The candidates, number 1 through the number to be announced by the presenting officer just prior to calling for nominations, shall be declared elected as delegates. The list of candidates will be declared elected in the following order based on the total number of votes received. In case of a tie, the number of votes at the bottom of the list shall be counted down to the list, the (1) through the number to be arranged. The number of delegates shall be determined by the presiding officer just prior to calling for nominations.

Section 8. Only delegates will attend the convention. An alternate who replaces a delegate prior to that delegate leaving for the convention shall be declared elected as a delegate and shall be a delegate.

Section 9. The number of delegates and alternates to be elected shall be announced by the presenting officer prior to calling for nominations.

Section 10. All Candidates shall file with the Election Committee a "Declaration of Candidate" approved by the Committee. Copies will be available at all meetings at the Place of Meeting and in the office of the Secretary of this Local Union.

Rules of Nomination and Election

MEETING NOTICE

All members of Operating Engineers Local Union No. 3 are hereby notified of the following meeting, as a special order of business, or at specially called meetings, as follows, at 8:00 p.m.

Sacramento: Wednesday, January 8, 1964
Santa Rosa: Tuesday, January 7, 1964
Marysville: Friday, January 3, 1964
Bakersfield: Thursday, January 2, 1964

SACRAMENTO DIMMED BY RAINS

BY E. R. NELSON, AL DALTON, CRISSE BROOKS, TOM FOK AND DAVE REA

The rains have caught up with us in the Sacramento area again, but doesn't look good for the rest of the winter. The contractors are now transferring from non-payment of dues, but around town almost everyone is in the mud....

We had a real good turnout on the blood bank in the Placerville and Pollock Pines area. Brothers and their wives gave 21 pints of blood. If we can get the Brothers around Sacramento to do as well our bank will be in good shape again....

We cleared 120 men last week. We have 207 members and 25 alternates on the A-Cell work list.

COME BACK

Another one of their good jobs was held in the Sacramento area home to a close. Hydrolec Dredging Co. finished its work on the Deep Water Channel. They have towed the deep "Pampea" back to their yard in Pollock Pines and will also give us nothing but cooperation on problems that came up. With Brothers C. T. Lentz and B. J. Wismer supervising this job, things were always kept on schedule. Our company in this back company in the area seen with another good project. The work fits in well with the Nuclear Building on the Broadwell extension. Matt C. Stumpe, our superintendent, has been staying out for their building. A. T. Cardina has been keeping an eye on the small jobs on the campus.

CONTINENTAL-HALE Co. have been working on their Crocker-Citizens Bank building and are busy pouring concrete, and other contractors in the downtown area are busy on various jobs.

WINTER WORK

Auburn is busy with their start of the Hazel Ave, job near Rocky Ridge Rd. If the weather cooperates they should have this work some this winter for a few days.

Nelson-Nichols have started the excavation and pipeline work on the Auburn Avenue job. This work sets for a future task, which should be a good stand on contract but will not be for some time.

Paul Hardeman and R. K. Kaiser Engineers are keeping a small crew working at Douglas despite the bad weather. They have completed most of the concrete work and are busy with the steel. This job should last most of the winter.

Winner & Becker have started pouring concrete on their test slab job at Douglas despite the bad weather. They have completed most of the concrete job and are busy with the steel. This job should last most of the winter.

The small contractors in the El Dorado Hills area are still working and should keep some of the Brothers busy most of the winter.

The tunnel work at Helh Hole is being done by Oroville Contractors and Hanson Bros. on this project.

POLOPKINS

The first major storm of the season hit the Highway 60 area on November 4th, shutting down some of the jobs in the area. Granite Cos. has shut down both of their freebies and the concrete crew below Poleline Road and started working on the new school.

The Walsworth Cos. at the Chili Bar dam in Coloma are finishing up their work. They have 397 operators on the job and have been pouring concrete on their test slab job. The French Meadow job in Rocky Ridge Rd. is site preparation work and are now in the excavation and pipeline work throughout the American River. There are two tunnel jobs on the American, one at Cattermole and the other at the Rollins Dam and Dutch Flat. There are two tunnel jobs on the American, one at Cattermole and the other at the Rollins Dam and Dutch Flat.

The French Meadow location. This is being done by Oroville Contractors and Hanson Bros. on this project.

FOCAL POINTS

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Golden Gateway Project Reclaims Historic District

San Francisco's exciting Golden Gateway project, billed as the most beautiful urban residential community in America, is starting to make rapid and visible progress these days playing a key role in the work. Occurrences of cars on the waterfront location by its waterfront location can its first three tower apartment structures climbing up above the 10th story level, and the word is that the first occupants will be moving in by autumn of 1964.

The Golden Gateway is probably America's most challenging and imaginative urban renewal project, as well as its most beautiful, and links its historic past with its glowing future in a most imaginative way.

 Barely more than 100 years ago, the ships which brought the Forty-Niners in search of gold were anchored in San Francisco Bay where the project is now located.

SUNKEN HULKS

The area was gradually filled over the hulls of sunken ships, became the early center of San Francisco's coal trade and finally, over the years, decayed into an area of urban blight in which was located the city's produce district.

In the mid-50's it was decided to tear the old structures down, and by 1959 the San Francisco Redevelopment Agency initiated a competition in which redvelopers from all over the nation were invited to submit architectural and financial plans for the district.

The Perlman Land & Development Co., nationally-known builder, became interested and put together a partnership called Perlminder Francisco Associates which included local financiers, Alcos Properties and Morrison-Dean. The outstanding firms of San Francisco and Oakland architects were retained, and in October 1960 the design they created was selected as the best among the eight submitted.

$85 MILLION

The overall job will have an estimated $85 million price tag, and its principal structures will be five square-story tower apartment buildings, three larg-

FOUR TOWER CRANES dominate the skyline as construction proceeds on the first phase of the spectacular Golden Gateway project. This is how the scene looked at the beginning of December, on the way to completion of the first section of the project as visualized in another photo on this page.

THE GOLDEN GATEWAY PROJECT: This is the architect's scale model of the beautiful Golden Gateway Project which will be erected in what was the heart of old San Francisco in the days of the Forty-Niners. The section is bounded by Battery St., Broadway, the Embacadero and Clay St., formerly the old produce market district. Now under construction is Phase 1 of the project, the area within the heavy outline in the center foreground of this picture. 

ENGINEERS NEWS operating Buck Manhoists, like the one shown here, and other equipment are speeding construction of the first unit of the Golden Gateway on precasting on the site for components of the structures usually formed and poured in place. All the stairways are precured on edge, one run at a time, then hoisted into position and tied in with poured landings. This results in a superior finish as well as in construction economics.

Large figures to emphasize importance of this problem, Gillis cited these figures: In Phase 1 alone, the Golden Gateway builders will place 60,000 cubic yards of concrete and 7,000 tons of reinforcing steel. They will receive and install 250 carloads of wood doors and millwork, 20 carloads of plumbing appliances and fittings, 100 miles of electrical conduit and 360 miles of wire.

The Engineers also did a heroic job of work in helping lick the site preparation and foundation problems which delayed start of construction almost five months.

The old produce district had floated on a sea of black mud stuffed with rotting old ship hulls, old timber mat foundations and large concrete caps.

Concrete, rubbish and mud had to be taken away down to grade, and then boring for columns encountered incalculable delays due to fouling of the drilling gobs by the old pilings and the need to remove nearly 15,000 cubic yards of mud too thick to pump and too thin for easy handling by any other method.

PRECASTING

These problems were finally overcome, however, and as of late November, more than half of the 60,000 yards of concrete had been placed and the work was proceeding space.

An unusual feature of the Golden Gateway is the use of...
Fresno May Be Busy Until Spring

BY JOE MILLER, B. F. (TINY) MILLER, B. F. (TINY)

Work in the Fresno area has been exceptionally good during the past month but slowed down considerably when the rains came.

It has been abnormally wet here for this time of the year—reportedly the wettest month on record. We sincerely hope that this abnormal rate of rainfall does not continue.

There is a lot of work going on at the present time and some new projects have just come in under way. Should we continue to have a good month, we can expect to have considerably more work here for this year and to be increasing their production each week as new orders come in.

A contract was signed on Nov. 12 by the Arroyo Rock Co., Inc. of Madera. This contract was reached after a six-week strike by Company and Union members as a result of a long-term decrease of employment after that due to weather. After this period of work, we certainly anticipate a continuous extensive season again next year.

All of the rock plants in the area were slowed down for a period of one week because of the decrease of employment after that due to weather. By the same token, while Brother Carman has been receiving more orders from jobbers here for the past month, he has been working a day here and as Manager, we are pleased to note that there are a few problems that have been hanging fire for some time.

AFL-CIO has endorsed two AFL-CIO Housing Committee, the Building Trades Department Convention in New York City. It is making permits. Our problems that have been hanging fire for some time. It goes without saying that our International Union is well represented in the labor movement in America as a whole, which is very gratifying to all of us.

While I was in New York I was privileged to attend a meeting of Local 15 and 1A.

WE FIND that the work picture is holding well for this time of year with 1,542 people dispatched and 120 agreements of various kinds were served on several other committees, in the Metal Trades Committee, etc., so it goes without saying that our International Union is well represented in the labor movement in America as a whole, which is very gratifying to all of us.

Protection For Home Buyers

WASHINGTON — The AFL-CIO has been offered an important bill which would protect home buyers by ordering payment of claims for major defects in houses covered by mortgages insured through the FHA (Federal Housing Administration).

The Budget and Appropriations Committee of the AFL-CIO Housing Committee, told the Senate Housing sub-committee that the bill would make the words “FHA Insured” meaningful “in long overdue.”

The city of Visalia has offered Swepers Construction Co., the job of widening several streets in the city center.

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Construction Modifications Okayed

Continued from Page 3

SUBSISTENCE ZONES ENLARGED: The map above shows additional subsistence zones in California, said Township 7 South to the point of beginning.

Map Description - Area No. 4

Commencing with the south-west corner of Township 7 South, Range 4 West, thence westerly along the easterly line of Range 2 East to the intersection of the north-west boundary of the Santa Clara County line, thence easterly along said line to the easterly line of Range 4 East, thence northerly along said line to the northern boundary of the San Jose County line, thence westerly along said line to the northern boundary line of Trinity County, thence southerly along line of county road to intersection of eastern boundary of Trinity County, thence westerly along Township 34 North, to the intersection of Mt. Diablo base and meridian, thence northerly along southern boundary of Lake County, thence westerly along northern boundary line of Lake County to intersection of county line, thence northerly along boundary line of Trinity County and line of Trinity County line and the eastern boundary of Township 31, to point of beginning.

Map Description - Area No. 5

Commencing with the intersection of eastern boundary of Trinity County and line of Trinity County line and the eastern boundary of Township 31, to southeast corner of Township 20 North, Range 7 West, thence northerly along Range 6 west to southeastern corner of Township 20 North, Range 7 West, thence westerly to southeastern corner of Township 30 North, Range 8 West, thence northerly along Range 7 West to intersection of east boundary of Trinity County line, the point of beginning.

Map Description - Area No. 6

Commencing with the southeast corner of Township 8 North, Range 12 East, thence northerly along Range 11 West to southeastern corner of Township 10 North, Range 12 East, thence westerly to southeast corner of Township 8 North, Range 12 East, thence northerly along Range 6 West to southeastern corner of Township 10 North, Range 12 East, thence westerly
San Mateo: 2nd Shift At Accelerator Helps

By BILL RANEY and MIKE KRYNACK

IN MEMORIAM

A memorial service for the late Ray Stuchman of San Bruno was held at the Church of Our Lady of Good Counsel in Millbrae.

WORK PROGRESS

In the Bay Area, there has been a steady increase in the amount of work being done. The problem of hiring enough workers continues to be a major issue.

San Bruno: Work to proceed even during a big difference. In other words, the $715,000,000 that was allocated for the widening of the Port of Redwood has been used by the contractors to the north of the so-called Coast Highway. For example, $8,2 million was spent for the same site.

BROTHER DANIEL BRIANO, who was recently killed in an auto accident: The service was held at St. John's Church in San Bruno. The family's prayer was beautiful and moving.

In other cities, there has been a steady increase in the amount of work being done. The problem of hiring enough workers continues to be a major issue.

San Jose: Brother Sal Francio had an accident while working for Atlas Sand & Gravel, caught his arm in the belt. We hope for a speedy recovery for this brother.

Sacramento: Our deepest sympathy to the family and friends of Brother Fred Small who lost his life in an accident on Arden Sand & Gravel.

Brother Red Bay “Red” McAdams is still laid up in the Sutter General Hospital. We hope to see him back on the job soon. We understand that Brothers Earl Haggard and Joe Helton were injured in separate accidents on the Sutter River project. We hope for a speedy recovery for these two brothers.

San Jose: Brother Sal Francio had an accident while working for Atlas Sand & Gravel, caught his arm in the belt. We hope for a speedy recovery for this brother.

San Bruno: Brother Daniel Briano, recently killed in an accident.

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Redding: Snow in the Mountains

By WARNER LEMONE and C. L. MEGETRICK

A lot of snow fell around the Pit-McCloud Project, however work seems to be holding up well in the area.

J. F. Shea Co. job venture has all hundred men back to work in spite of the recent ravine. Thompson's job was停工 in the tunnel so all the men killed one and hurt two other brothers. The unofficial rumor is that the shaft where the cabbage is to be installed will be timbered, shored and plugged until completion of the tunnel. There is a lot of snow surrounding the tunnel projects, in some places as much as 8 inches.

Shea, Kaiser, Mccarren, Mccoo pioneering the road, their gravel plant at Little Joe Flat have all the aggregate for the tunnel lining on the PG&E tunnels. Kaiser Steel Erectors have their plant set up for welding the piers and columns for the tunnel. Although dirt-dosed and tarred-paved splendidly, the Indiana microwave was all major carriers and firing her 16-inch naval rifles to every landing in every major campaign in the Pacific Ocean in World War II, from Guadalcanal to Okinawa.

One of the newest projects in our area is the Peter Kewitt project that is part of the Pit-McCloud project, working on the PG&E powerhouse.

H. E. Ferguson working on the Pulp Plant in Ashland have slowed down considerably because of near heavy rains. Although the underground work is completed, and weather permitting all buildings should be completed within three months. At the present time C. C. Moore and Chicago Bridge & Iron Company have about three months work on the plant. This has been a good job close to home for the brothers.

The work is expected in the near future to be up to eight months work left to engineers on the payroll. There is six men working and the prospects look good, barring bad weather.

The small jobs around the area will keep the project rolling through the winter with a minimum of down time.

E. R. Detering bridge job across the McCloud River for PG&E has thus far down all power, so the Ladd & Hughes bridge job on the same project.

Ransome Co. have just about completed their job from 9 Mile Hill to End Slash. Work on the Deres Hill road has been held up due to the weather. We wish to express our warm thanks to the following for voluntary blood donations to the Engineers Blood Bank: Ruby Ridomond, Willis Vardanega, Elizabeth Wilts, George Willis and Shirley Stockless.

Oakland Report

CERTIFY LOCAL 3 AT H-F BRANCH

By DON KINCHLIE, L. T. (Ten) LAUX, NOOES CASEY, JAMES (Red) FIT, HUGH BODAM AND GERALD BLAIR

A National Labor Relations Board election was held among the employees at the new International Harvester factory branch in southern Alameda county, and the Operating Engineers Local No. 3 won a unanimous vote to represent field servicemen, shop mechanics and partsmen.

This is the first International Harvester factory with which Local No. 3 won a unanimous vote to represent the employees.

In southern Alameda county the rains have slowed the work down considerably the last couple of weeks.

Hood Corp. on the Mission San Jose job have laid out on this pipe but has small crew left behind on cleanup.

Granite on their pipeline are about through except for backfill and cleanup in Livermore.

DAYLIGHT SOON

Peter Kewitt sons are running along pretty good on the San Antonio Dam (Turner Dam), and some of the parts of this job should go well.

Mission tunnels the work is going well, and they should daylight in approximately five weeks.

The small jobs around the area keep a good number of engineers working and the prospects look good, barring bad weather.

Fire work in upper Contra Costa county has slowed considerably because of the recent storms, but there are many projects that the contractors are trying to keep working as much as possible.

The Hood Corp. has completed their 200 gas line for PG&E with the exception of cleaning up the right-of-way.

BRIONES DAM

The Guy F. Atkinson Briones Dam has been called back to use with approximately 50 Engineers on the payroll. There is six to eight months' work left to complete the Briones project, and Atkinson supervision hopes to keep the project rolling through the winter with a minimum of down time.

C. Normum Peterson has picked up about 6,000,000 worth of work at Columbia Steel Mill, Pittsburg, which includes expanding the dock and outside storage facilities. Winton Jones is doing the excavating and paving on the storage yard with some 10,000 tons of required aggregate being furnished by the Kaiser Quarry at Creede. This big order and other work in the area will keep the 1000-ton per-day Kaiser plant on two shifts for some time.

TANK ZONE

Chicago Bridge & Iron Co. is

for scrap.

Scrapping the ship will take about a year, with an average of 100 men working on the project, including Operating Engineers running the gyro-cave shown in the photo, and other equipment under the Engineer's jurisdiction.

Guard Who Kissed Nurse

Wins Job Back

SACRAMENTO — Arbitrator Sam Karpel won himself a permanent niche in labor history when he ruled that discharge was too severe a punishment for a security officer who sometimes kissed the plant nurse when he strolled through the dispensary while making his rounds.

Aerold General Corp. fired the guard on the grounds of neglect of duty, but merely suspended the nurse for two weeks.

Mechanics Lodge 812 took the case to arbitration. The arbitrator agreed that the punishment for the breach of decorum was excessive and ordered the guard's reinstatement with restoration of part of his lost wages.

Building a 250,000 barrel capacity propane storage tank for Tide-Water Oil Co. at the Aven tank farm. This storage facility, which employs a refrigeration plant to keep the propane cool and allow storage at near atmospheric pressure, will cost $1,800,000 and take approximately six months to complete.

Pittsburgh Des Moines Steel Co. has a contract to build a 250,000 barrel floating roof tank for Tide-Water on property adjacent to the propane tank. The Bay Area Mechanical Corp. is doing the excavating for Pittsburgh Des Moines and will also install the extensive piping facilities required.

The Oakland office staff wishes to extend all the members and their loved ones most sincere wishes for a Merry Christmas and a Happy New Year.
The brothers to road.

Recent storms and heavy rains, the work in this area has been slowed up. Although quite a few of the Brothers signed the out-of-work list last week, it seems as though they are not returning to work.

Weather is rather spotty after the rain, but there is still plenty to keep the Brothers busy until the eastern area, work has been exceptionally good this year, and the various jobs, although delayed by the completion stages, have employed many of the brothers during the past months.

Wilner & Jones have finished their underground job. Tremblin & have moved out. At Hollister, Manuel Smith has just finished his 20th year of paving on the 1953 Real Estate Building.

Across Gilroy, Sam Spanco has two two-lane highway started and has kept a number of communities as well as regular crew busy this past season. At Morgan Hill, L. C. Smith, George Ben & Granada have all completed their street work. A. Calabrese has started the widening of Highway 101 which should go for some time with the number of Employers engaged.

Large crews at Hollister, Morgan Hill, Atlas & Sand & Gravel, Howard's and A. D. Wilson have kept rather busy, have had considerable plant work as well, with a stripping crew going full time.

Full Calibre working real hard in an endless job opened up so the rains won't bother him too much. This Herren has just moved his dirt on project; however, it is far too wet to start the rock now.

The officers, business representatives, and the secretaries of this union wish to thank every one of you a Highway, Pavers and Graders and gravel. We wish you all good wishes for a happy holiday season, and the best of everything for the New Year.

Western Gravel Co. decided to build a "Green" batch plant right out and ahead of it.

The new plant, located on Capitola Avenue, Milpitas, in corporates the latest features in automatic batching. The hats are in car shaker to batch components are handled automatically without need for personal attention. All aggregates are stored in bins, that eliminates contamination of materials. It also does away with washing and grinding stone piles. Total storage amounts to 1390 tons.

The real effect means high speed batching at a capacity of 125 yards. It means more efficient production and better quality control.

Western Gravel at the present time employs 14 Operating Engineers working under the direction of Gene Peters.

Brother Harold Beatty acts as manager for Western Gravel, and is to be congratulated on the smooth running operations.

**Contract Modifications Okayed**

Effective November 1, 1963, the Individual Employer payments for Health and Welfare shall be increased by 10c (one cent). This amount shall be allocated to the following:

- Effective January 1, 1965, the Individual Employer payments for Health and Welfare shall be increased by two and one-half (2 1/2) cents per hour to a total of seventeen (17) cents per hour.

**FINGER TIP CONTROL:** It's strictly an armchair job, operating this automatic batch plant. Brother Don Cuffman sits at the Selection Electronic Controls of Western Gravel's new plant and puts together scientifically-controlled batches of concrete as casually as playing an electric organ.

Within 18 months Low Jones is building the overpass, Sonogush Co. of Mt. View is handling the heavy earth moving—55,000 cubic yards of which have been moved at this writing.

**WA CAYA CRUZ**

Several large jobs in the San Cruz area have been completed, and it seems as though the brothers to sign on the out-of-work list.

The quarries and sand plants are still real busy, and will be for a while.

Shelnaker have finished their dredging job at the South Craft Harbor in Santa Cruz. This was a real tough job due to the large rock and very high water.

Grindle Rock have had a very busy year and not only have kept a number of the brothers busy, but have considerable plant work as well, with a stripping crew going full time.

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Amend Section 15 by adding to the first paragraph the following:

It is agreed that the locations of the geographic center of each portion of each job on which at least 90% of the work is to be performed shall determine whether the job is in the subsistence area or non-subsistence area.


Effective January 1, 1965, the Individual Employer payments for Health and Welfare shall be increased by two and one-half (2 1/2) cents per hour to a total of nineteen (19) cents per hour.

**Map Description - Area No. 7**

Contract with the mouth of the Mattole River at Humboldt County enter the County Road and easterly along Mattole River north until Highway 199; through Upper Mattole, Honeymoon, and Brothers, thence easterly through the town of Ukiah to the mouth.

**Concomitant with the mouth of the Mattole River at Humboldt County enter the County Road and easterly along Mattole River north until Highway 199; through Upper Mattole, Honeymoon, and Brothers, thence easterly through the town of Ukiah to the mouth.**

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Winter Chills Utah Operations

By TD REANEY, JAY NEELEY, MERLIN ROWAN, JOHN THORTON, VINCE ABBOTT, ROBERT CANBY, AND BRIAN GEARER

Old Man Winter is now circling his city in Utah, and he has brought about quite a change job for everyone in the winter edition of Engineers' News.

There is not much snow on the ground now, but it has been a real problem and will be a real problem well into the spring. Strong Construction Co. job on 24th South Freeway in Salt Lake City has been down because of frost in the fill. It seems that it will be just rain, snow, or have frost.

Counting on the east end of the Strong job, in Parley's Can-
yon, B. E. Mullen is working two sewer jobs while his men are worked out. The men have plans to work all winter if possible, and we also expect to have a new sewer job to go.

TOUGH BRIDGE

An interesting item is the opening of this job in November. They had to demolish the old bridge as it bridged the canal many years at the mouth of the canal, so they drilled it full of dynamite, dropped the bridge into the water, and shot it. In the whole thing off, they had a tremendous cloud of dust that obscured the scene for several minutes, and the surface of the earth from an earthquake. When the dust cleared away-you guessed it-the government was standing with hardly a feather among it.

Our must add that modern engineering methods perfectly plan and the their men won't. They knew that they had their work in a fight, tough.

OVERASSIST

M. Morrill & Sons and Turner Construction Co. (overpass) are still pouring and should be in good shape by the time snow get here. Tolley & Hurdell's job on 21st South route is finished; now they are going to start the phases.

Butler Construction has run into some trouble with the road sewer job, and Steerrett & Andrews have moved in on the parking limits. Roads won't be finished until Christmas. Joplin, before an applicant is out equipment out working, some of it will be back in as soon as the rain or snow stops. There are a number of small jobs going in the south Salt Lake City area, none of which will be able to go this winter. Right now, most of these jobs are winding up.

At Kennewick Mine we were able to get a position agreement covering the new shovels and all the equipment. We are not sure when the "breakfast" phase of this job has started. The Union was in-formed by the NLRB in Washington, D.C., that they have denied agreement along with your paycheck.

THERE HAS BEEN a significant change in the site for entrance into the Surveyors Apprentice program.

The program has been established for some time and the details have been changed to meet the requirements. It is now manned by the Engineers apprenticeship Committee of Geometry, as well as high school graduation or equiv-
lent. In this capacity, they should bring in some new men to fill the positions that had been empty.

BEEFFUS Construction has started the remaining portion of the Freeway No. 15 between 1200 South and 1080 South.

CHOUS

Excavation is completed on the new B.U.Y. Football Stadium, and footings are now in the proce-
sure for a game that will be held at the stadium.

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lent. In this capacity, they should bring in some new men to fill the positions that had been empty.

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 TRACKLESS COUNTRY will be tracked. Interstate Highway 70 will eventually be blasted and carved out of this canyon wall in a rugged stretch of Utah country by Engineers working for the West Side Construction Co. Blast work on this project and old-time dynamite and drills are high on the left rim, and a dozer is at work lower along the canyon wall.

The work in the Northern area of the state is progressing very well. There is some snow on the higher points, but the work is progressing well.

The W. W. Clyde job, on the Willard Bay, still has most of its opera-
tion work. This has been a very good job for a lot of the airmen. This company will try to keep the rock work going most of the winter.

Strong, on the Willard job, has given up on the rock job, but is still working on the same area. They are trying to meet the winter deadline for Flying.

CLAY MOUNTAIN Construction Co. has kept going on or shut down on their freeway job at Brigham City, with a good group of the men. This company is now starting their freeway job between Roy and Clearfield. They are moving in some of their opera-
tions and will begin work on their job in Idaho. This is made possible by some problems for us in this area.

Germers, Albert & Wahlroos Construction Co. from the Tremont area to a job they have in Idaho. This is making progress on their job in Idaho. We will keep most of them working during the winter.

MOVING OPERATORS

File Construction Co. has had a very good job for the Engineers on a job they have in Wasatch, next to the Wyoming state line. They are going to move the operators and equip-
ment from this job to their Freeway job between Layton and Clearfield.

A. H. Britton Co. has cut down to a very small crew on their dam job at Censor Creek. They are taking most of their equip-
ment and some of their operators to their canal job in the southern part of the state.

Wheelwright Construction Co. have had a very wet and tough job for the Engineers on the Big Canyons project at West Ogden. They are now be-
ning to make progress and by the time this article reaches you, they will have some of their equipment and operators moved to the Thousand plant. They will build roads and excavate for some additional building at this plant.

We, the Business Representa-
tives and Office Personnel in Utah, wish to thank you and yours and our sincere hope that you may enjoy a Very Merry Christmas and a Happy New Year.
STOCKTON: Pictured during one of the class sessions is the Stockton area apprenticeship student, Mark Jay Smith, standing to right; Roy Carr, Ray Schneider, Marvin Boggs, Mike Asira, Nels Lewellyn, Karl Weble, Don Marshall, Fred Wilson, Perry Stover, David Talbot, Tony Crane, David Multore, Jimmie Pugh and Ray Strood. Seated: Instructor Harold Nimick and Bob Whitehorn. Absent at the time were Apprentices Eddie Perone and Don Souza.

$30 Million Pulp Mill for Eureka

By RAY COOPER and MARVIN WOOLDRIDGE

The Georgia Pacific Corp. recently announced immediate plans to build a $30 million pulp mill at Samoa, across the bay from Eureka. The site is on Humboldt Bay, adjoining the company's huge plywood plant and their new $30,000,000 sawmill. Completion and final operation is expected within 18 months.

Georgia Pacific Corp. also has plans from Florida to Alaska, in Canada, and from Maine to Califomia, with total sales approaching the $400 million mark last fiscal year.

The Eureka plant will produce 600 tons of bleached Kraft per day. We hope that they will continue in history to use redwood chips along with the cheaper Canadian material. An estimated 300 men will be employed on a 24-hour, three-shift operation.

Source of water supply will be the Ruth Dam reservoir on Mad River.

The Simpson Timber Co., as well as Gowen Pacific, holds firm contracts with the Humboldt Bay Municipal Water District for use of water from the Ruth Dam reservoir, and they hope that they will have (their) pulp mill under construction near the future.

FINISHING OFF THE IMPOSSIBLE

They said it couldn’t be done! It just won’t work! The season’s too short!!! The area is too remote, etc., etc., etc.

In spite, the remarkably successful Apprenticeship Program for this area. But when men is confronted with a difficult task, he always seems to find more energy to get the job done.

Our first Apprenticeship class was started on November 23, 1963, at the Eureka High School and was well attended. These classes remain every Tuesday and Thursday at 7:00 a.m., and we extend an invitation to any Brother who would like to attend.

We again express our appreciation for the cooperation of Mr. Dingman and the School Board. Now representing Management on the Sub-Joint Apprenticeship Committee is Mr. Donald B. McFadden. Ms. Russell Field and Paulfield.

KIEL RIVER

The fate of the highly controversial $19 million El River pulp mill designed to keep the lower El River within its banks during flood stages, is still undetermined. The Humboldt Board of Supervisors...
S. F. Hopes For Break in Sierra Earthquake Pact

By JIM JENNINGS, B. J. (B) BARKS, JACK SHORT and RALPH WILSON

The Reno office is happy to report that an agreement was reached with Sierra Building Co. in November.

Under the new contract, the members will receive a wage increase retroactive to September 1st of $1 per day for the first year, plus an additional $4 per week in the second year, plus one additional hour and holiday and agreement in contract language.

As an end of the two-contract term, each employee will be earning $49.01 more per year than before. Also, we should like to note that the agreement is the first contract in the State of Nevada which makes the employee's birthday a paid holiday.

Speaking of holidays, this year of your crops around again, the Representatives in the Reno office and your District Executive Board will wish Brother Red Warren, who would like to wish you and your employees a very nice day and a happy holiday season, and a prosperous and successful New Year.

WORK GOOD

The work in Northern Nevada has held up ever well and is still holding up, with a number of projects yet to start. Suite Corp. Oakland, Calif., was the low bidder on the Convention Hall in Reno, which will be a $3 million project. This has been a controversial issue in the area for some time. However, something good usually comes out of a long drawn-out battle. The company has signed an agreement with Nevada Union No. 3, and all of the employees are now members of Local No. 3. One of the newest additions to the "Biggest Little City in the World" has recently opened, Nevada's largest one-stop shopping center, opening, Nevada's largest one-stop shopping center, the new town of Great American Square. In this part of Nevada, something good is happening all the time.

PROJECT SHOAL: A number of members of Local Union No. 2, a major role in the construction of a new project, the Project Shool. The project, located on the U. S. Highway 95, is a construction project with a new highway, 2,000 feet underground at a location in the Sand Springs mountain range about 28 miles southeast of Fallon, Nev. Fifteen seconds faster, stormy clouds of dust could be seen floating over the blast site, but no radiation broke through the surface.

C. Mayer, the general manager of the Nevada division, has been away from work on extended leave for a long term program and can continue his work on this area. By the time this paper goes to press, the Grifall Co. will have started the fourth overhaul of building. This is a highly satisfactory contract, and all of us are very happy about it.

The low bidder on the Convention Hall in Reno, which will be a $3 million project, has been completed. Nevada's largest one-stop shopping center, the new town of Great American Square, has opened, Nevada's largest one-stop shopping center, the new town of Great American Square.

The housing tracts in this area are now opening up, with a number of projects yet to start. Suite Corp. Oakland, Calif., was the low bidder on the Convention Hall in Reno, which will be a $3 million project. This has been a controversial issue in the area for some time. However, something good usually comes out of a long drawn-out battle. The company has signed an agreement with Nevada Union No. 3, and all of the employees are now members of Local No. 3. One of the newest additions to the "Biggest Little City in the World" has recently opened, Nevada's largest one-stop shopping center, the new town of Great American Square. In this part of Nevada, something good is happening all the time.

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Our Last Farewell
To a Great Leader

THERE HAS BEEN time enough now to get over the immediate horror and shock of the assassination of our last President John Fitzgerald Kennedy but the feeling of tragedy and deep sorrow, if anything, grows stronger with each passing day.

The Nation, and even the whole world, mourn our martyred President, and enshrine him in imperishable memory not just because he held the highest office in the land, but because he was a great President and a great world leader.

THE OFFICE of the President of the United States is a grave, even a crucial responsibility. As the head and the conscience of all the people, it is in the nature of things that the President cannot at all times please all of the diverse and clashing interests in the country.

It was natural that the President should have his critics as well as his admirers. It was even natural that the same interests and the individuals would be behind him one time and against him the next time as different problems and issues came up in turn.

But as the almost universal expressions of mourning and tribute showed after his tragic and needless death, in less than three years in office, President Kennedy won the love of many, and the respect of all in our Nation, and of the governments and peoples of the world.

IN THAT TOO-BRIEF TIME he had especially endeared himself to organized labor. President Kennedy had fought for many programs in the fields of social security, civil rights, jobs, education, housing and tax reduction which were strongly backed by the AFL-CIO.

It is a significant thing that one of President Kennedy's last major addresses to the nation was when he appeared at the AFL-CIO convention in New York City, just seven days before his death.

He told the delegates that he was deeply troubled about the nation's persisting 6.5 per cent unemployment rate and declared that the job of getting up of the nation's economy was the "No. 1 domestic issue.

He spoke of the need for the U.S. to bear the burdens of leadership in the interest of maintaining world peace as well as freedom, and it was in recognition of his world role as a peacemaker and mediator that the leaders of great and small nations all over the world, both in his death. bouffant hair

In his first address to Congress and the Nation after assuming the mantle of the presidency, President Johnson pledged his Administration to continue "the forward thrust of historic Great Society" begun by the slain President.

In its hour of national tragedy, America has learned again that the success and survival of its Institutions is linked with those chosen as its leaders and that in time of crisis, the very future of humanity may depend upon the wisdom and judgment the American people have shown in their selection of leaders. Events have shown how wisely the American people chose in 1960.

Ww NOW, and the verdict of history will further attest, that we have lost a great leader. This is the sad and tragic part of it. If there is any consolation at all, it is that we were in time to have had an Administration team that was working together in furtherance of President Kennedy's program. And the second man on that team, President Lyndon Baines Johnson, was ready to take the reins of our great country.

And of the modern teenager. The younger generation is a big market, and big spenders. They have more money in their pockets nowadays (from both parents and jobs). They get married earlier. They always have been clothing faddists but now they are more fashion conscious than ever.

Most of all, they use more toiletries and cosmetics—everything from hair spray to eye make-up, and abundant use of hair dressings by the boys. Television is the chief influence now—not those bouffant hair styles. Not long ago teen-age girls used very little cosmetics until they were 17 or so. Now, they more often start at 16, even earlier. A survey by teenagers magazine which queried profitably over this huge group of avid spenders, found that the country's ten million teenage girls still comprise only ten per cent of the population, they do 50 per cent of the buying of all cosmetics and toiletries.

The manufacturers also slant more of their ads to the teen-agers. Furniture manufacturers increasingly appeal to teen-age girls because of the high rate of teen-age marriages. About half the girls marry today while still in their teens. In fact, about one out of seven of today's mothers are youngsters in their teens.

Teen-agers also have become the majority of the record and music business. Liquor distillers and brewers avoid advertising directly to teen-agers, and cigarette manufacturers this year quit advertising in college newspapers. But teenagers both drink and smoke earlier nowadays.

A study of teen Stalking in one Eastern and two Midwest states show that three out of five girls aged 14 to 18 admit to drinking alcoholic beverages, with or without parental consent. Scholastic Magazine's Youth Letter reports that the most immediate danger is reckless driving. But the further danger is that "social dependence on alcohol at an early age can more easily lead to alcoholism," as medical men and psychologists say.

Cosmetics and toiletries manufacturers have learned from television to develop teen-ager programs to present high expenditures on their products. Just one manufacturer, the Alberto-Culver Company, is reported to be spending $30 million this year on television—more than such huge corporations as G.E., Ford or U.S. Steel spend. Alberto-Culver, which sells VOS hair dressing and other products of that type, actually spends on advertising 20 cents of every dollar you pay for such products more than it costs to manufacture them. As an example of the drain on family money, in seven years Alberto-Culver sales have spiraled from less than half a million dollars a year, to $57 million a year. No is Alberto-Culver the biggest manufacturer of toiletries; simply the one with the most dramatic television programs.

This situation may represent two perils for your own family. One is the diversion of money from such more ordinary and much-needed goals as educating the family's children. Another is that when the youngsters get married, they know relatively little about handling money and encountering serious problems. We have reported several times that the majority of today's wage-earner bankruptcies are the younger families.

The youngsters themselves often realize their lack of economic education and would like to have more of it. A survey by the Cornell University Department of Home Economics, in New York State, found that the 14-to-18-year-old youngsters reported that "surprisingly few" parents explained money matters to them. The majority felt their parents should let them sit in on discussions of expenses. "Parents may be overlooking a real opportunity to teach wise money management," commented Ruth Pestle of Cornell.

One of the most effective ways to train teen-agers in handling money is to help them plan or budget in advance how they will spend their money. The Cornell survey found most of the youngsters felt planning would make them more careful with money and reduce family bickering over how they spent it.

But while the home may be the major strongholds of influence, teaching teenagers how to handle money, and to avoid the trap of the heavy advertising now aimed at them, they learn in school is important too.

A survey by the Ohio Experiment Station of 150 young married couples, found that while the husbands usually felt confident of their vocational ability, many of the wives felt they lacked training in money management and housekeeping methods. Significantly, most of the husbands had had some job training in school or college, but relatively few of the young wives had had training in school or home management subjects.
Notice of Semi-Annual Meetings
Saturday, January 11, 1964
Saturday, July 11, 1964
both meetings held at San Francisco
Labor Temple, 16th & Capp Sts., 1:00 p.m.

January
DISTRICT 1
San Francisco—Jan. 8, Wednesday,
S.F. Labor Temple, 16th & Capp Sts., 8:00 p.m.

DISTRICT 4
Eureka—Jan. 14, Tuesday, La
cor Temple, 56th & E Streets, 8:00 p.m.

DISTRICT 7
Redding—Jan. 15, Wednesday, Engineer's Bldg., 100 Lake Blvd.,
8:00 p.m.

DISTRICT 8
Oroville—Jan. 16, Thursday, Fpector's Village, Oroville
Bldg., 8:00 p.m.

February
DISTRICT 6
San Jose—Feb. 3, Monday, La
cor Temple, 45 Santa Teresa Ave., 8:00 p.m.

DISTRICT 3
Stockton—Feb. 10, Tuesday, En
gineer's Bldg., 280 N. California,
8:00 p.m.

DISTRICT 8
Sacramento—Feb. 11, Tuesday, C.E.L. & T. Bldg., 205 Stockton Blvd.,
8:00 p.m.

DISTRICT 12
Oakland—Feb. 13, Thursday,
Labor Temple, 215 Valdez St.,
8:00 p.m.

March
DISTRICT 5
Fresno—March 3, Tuesday, Engineer's Bldg., 3213 East Olive,
8:00 p.m.

DISTRICT 10
Ukiah—March 5, Thursday,
Labor Temple, Suta Street,
8:00 p.m.

April
DISTRICT 1
San Francisco—April 1, Wednesday,
S.F. Labor Temple, 10th and Capp St., 8:00 p.m.

DISTRICT 4
Eureka—April 1, Thursday, Engineer's Bldg., 205 Broadway,
8:00 p.m.

DISTRICT 7
Redding—April 8, Wednesday, Engineer's Bldg., 100 Lake Blvd.,
8:00 p.m.

DISTRICT 8
Watertown—May 18, Thursday,
Elks Club, 280 D Street, 8:00 p.m.

May
DISTRICT 3
Stockton—May 2, Tuesday, Engineer's Bldg., 280 N. California,
8:00 p.m.

DISTRICT 9
Watertown—May 7, Thursday,
Veteran's Memorial Bldg., 215 Third St.,
8:00 p.m.

DISTRICT 8
Sacramento—May 13, Tuesday,
8:00 p.m.

June
DISTRICT 5
Fresno—June 2, Tuesday, Engineer's Bldg., 3213 East Olive,
8:00 p.m.

DISTRICT 10
Santa Rosa—June 4, Thursday,
Veteran's Memorial Bldg., 215 Bennett Ave.,
8:00 p.m.

DISTRICT 12
Salt Lake City—July 11, Friday,
Teasman Hall, 443 S. East,
8:00 p.m.

DISTRICT 11
Kens—June 14, Thursday,
Veteran's Memorial Bldg., 215 Fourth St.,
8:00 p.m.

July
DISTRICT 1
San Francisco—July 1, Wednesday,
S.F. Labor Temple, 10th and Capp St.,
8:00 p.m.

DISTRICT 4
Eureka—July 7, Tuesday, Engineer's Bldg., 205 Broadway,
8:00 p.m.

DISTRICT 11
Kens—July 11, Thursday,
Veteran's Memorial Bldg., 215 Second St.,
8:00 p.m.

August
DISTRICT 6
Oroville—July 18, Thursday,
Ppector's Village, Oroville
Bldg., 8:00 p.m.

DISTRICT 9
San Jose—Aug. 3, Monday, La
cor Temple, 60 Santa Teresa Ave., 8:00 p.m.

DISTRICT 7
Stockton—Aug. 6, Tuesday, Engineer's Bldg., 280 N. California,
8:00 p.m.

DISTRICT 2
Sacramento—Aug. 11, Tuesday,
C.E.L. Bldg., 205 Stockton Blvd.,
8:00 p.m.

DISTRICT 2
Oakland—Aug. 18, Tuesday,
Labor Temple, 215 Valdez St.,
8:00 p.m.

September
DISTRICT 5
Fresno—Sept. 1, Tuesday, Engineer's Bldg., 3213 East Olive,
8:00 p.m.

DISTRICT 10
Ukiah—Sept. 3, Thursday,
Veteran's Memorial Bldg., 215 Olive,
8:00 p.m.

DISTRICT 12
Salt Lake City—Sept. 11, Friday,
Teasman Hall, 443 S. East,
8:00 p.m.

DISTRICT 11
Kens—Sept. 12, Saturday,
Veteran's Memorial Bldg., 215 West Taylor,
8:00 p.m.

October
DISTRICT 1
San Francisco—Oct. 7, Wednesday,
S.F. Labor Temple, 16th and Capp St.,
8:00 p.m.

November
DISTRICT 4
Eureka—Oct. 13, Tuesday, En
gineer's Bldg., 205 Broadway,
8:00 p.m.

DISTRICT 7
Redding—Oct. 16, Wednesday, Engineer's Bldg., 100 Lake Blvd.,
8:00 p.m.

DISTRICT 10
Sacramento—Nov. 10, Tuesday,
C.E.L. Bldg., 205 Stockton Blvd.,
8:00 p.m.

DISTRICT 2
Oakland—Nov. 17, Thursday,
Veteran's Memorial Bldg., 215 Third Street,
8:00 p.m.

December
DISTRICT 5
Fresno—Dec. 1, Tuesday, Engineer's Bldg., 3213 East Olive,
8:00 p.m.

DISTRICT 10
San Jose—Dec. 3, Thursday,
Veteran's Memorial Bldg., 1351 Bennett Ave.,
8:00 p.m.

DISTRICT 7
Salt Lake City—Dec. 9, Tuesday,
Teasman Hall, 443 S. East,
8:00 p.m.

DISTRICT 10
San Jose—Dec. 11, Friday,
Veteran's Memorial Bldg., 215 Olive,
8:00 p.m.

TO SWAP
1 300-M. LOW COST PORTABLE WELDER for a 206-m. Lincoln Electric Machine.

WANTED TO BUY
Any Operating Engineer may ad
tire in these columns without charge any PERSONAL PROPERTY he wishes to sell, swap or purchase. Ads will not be accepted for receipts, personal serv
 ремонт or tickets.
 PRINT OR TYPE the word you want to be printed on a separate sheet of paper, sending yourself to 30 words, or less, including your NAME, ADDRESS and REGISTER NUMBER.
 Allow for a few weeks of several weeks between the posting of letters and receipt of your ad by our readers.
 SWAP SHOP as seen on the property you have ad
 ected is sold.
 origin should be
 The purpose should be
 be published without the newspaper after three
 address to be determined and your order number.
 A like for a few weeks of several weeks between the posting of letters and receipt of your ad by our readers.
 Ads for the swap shop will not be published without the information.

Rules for submitting Ads:
* Any Operating Engineer may advertise in these columns without charge any PERSONAL PROPERTY he wishes to sell, swap or purchase. Ads will not be accepted for receipts, personal services or tickets.
* Print or type the word you want to be printed on a separate sheet of paper, sending yourself to 30 words, or less, including your name, address and register number.
* Allow for a few weeks of several weeks between the posting of letters and receipt of your ad by our readers.
* Ads for the swap shop will not be published without the information.
Marysville: Biggest Earth-moving Job

By HAROLD HUSTON, VERN KOEPF, BILL WEEKS and CLAUDE ODON

The world's largest earth moving job got under way in the Marysville area recently when Oroville Dam Construction started moving 210 million cubic yards of fill material needed to build Oroville Dam.

New equipment is being fitted to the mammoth four-year hauling job, three bridges were built to connect the 11-mile railroad from the Thermolite dredger tailings area to the Oroville Dam project.

One of the largest draglines on the west picks up 13 yards of material at a time and can work 97½-ton-capacity bottoms - dumps which carry the material to the train loading station. The 180-ton locomotive engines which will pull the 40-car trains from the Thermolite fill area to the dam are the newest produced by General Electric, and will deliver 2500 horsepower 24 hours a day for a month without any maintenance checks. The electric components are located in a protected compartment to prevent damage from dirt and water and to assist in interfacing with performance.

The Dept. of Resources Water will bid for bids on $2,500,000 in contracts for laying the foundation of the Atomic power plant at Oroville Dam.

Rainfall damage to the Feather River, which was originally expected to do its work during the past year, now is expected to take at least one month more to do the job as it progresses.

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It was announced that work on the Feather River dam will begin during the spring.

Oroville Dam, the main project covering a total of about 50 miles of diversion and distribution canals and ditches which run from the dam. The water is to be taken from behind an existing diversion dam 5 miles below the dam, and will be used for irrigation purposes.

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