

Copco's Power-Increasing Project On North Umpqua Model Of Engineering Skill

Series Of Small Units, Instead Of Single Huge Plant, Designed To Co-ordinate For Operations

By LEROY B. INMAN
News-Review City Editor

Nestled deep in a 1000-foot gorge, cut by the North Umpqua River near picturesque Toketee Falls, high in the Cascades, are the principal units of California Oregon Power Company's Toketee Power development program.

Mostly without fanfare have the developments been going ahead, but when they are completed, Copco will have expended close to \$50 million, and will have nearly doubled its power capacity for the Southern Oregon and Northern California area.

The project is a tribute to the clever engineering and planning of Vice-President and General Manager, John C. Boyle. He has chief-engineered the vast undertaking, and has spent many long hours, days and weeks, on the job, away from a comfortable office in Medford, designing, planning, directing, learning by trial and error the intricate details that go into the makeup of such a vast undertaking. For his work he was recognized last year as the Oregon engineer of the year.

The Toketee project incorporates the principle of incorporating several power plants operating from a series of small dams do the work of one tremendous dam and power system, such as those the federal government might build.

Engineers differ in opinion as to the best arrangement, but Copco engineers feel their design best serves their needs. The development is patterned after the Prospect power system, but is greatly expanded and newest innovations are incorporated for maximum efficiency.

A total of eight hydroelectric units, using the same water over and over again, comprise the North Umpqua project. Completed and in operation are the main Toketee plant, Soda Springs, Slide Creek and Fish Creek plants. Under construction are Clearwater Nos. 1 and 2 plants, and contemplated are Lemolo Nos. 1 and 2 projects. When completed the total capacity will be 188,500 KW.

This reporter, in company with H. C. Wells, Roseburg's Copco manager, Charles V. Stanton, News-Review editor, and Wally Hector, county road engineer, visited the North Umpqua project last Saturday. It was the same weekend picked by the Professional Engineers of Oregon to look over the development.

Leaving the main North Umpqua road where it starts its climb out of the canyon onto the Fish Creek Desert, this party turned off on one of the numerous roads constructed by Copco for access to the development. The road leads into the deep gorge cut by the river at an elevation of some 1,500 feet.

Soda Springs First Visited

The first unit visited was the Soda Springs power plant, located between sheer rock walls, one of columns of five-sided basalt rock, the outcroppings in varied colors appearing as a perpendicular flower garden. On the opposite side, the formation is of lighter material. This pattern is followed up the river, with a heavy, iron-like formation to the south, and the softer, lighter formation to the north of the gorge.

Boyle, accompanied by T. O. Russell, Eugene engineer, was at the Soda Springs plant when the Roseburg party arrived. He conducted the tour, explaining the plant arrangement.

Soda Springs unit, in operation since March of this year, has a capacity of 12,000 KW. It consists of one outdoor type generator, with direct connected main and pilot exciters. The generator is vertically connected to an AC turbine, rated at 16,000 BHP. This plant is supervised by a control room from the Toketee powerhouse. All switch gear and miscellaneous equipment is also outdoor type. Power generated at 6.9 kv is transformed to 132 kv by three single

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In the Day's News

By FRANK JENKINS

If you think you have troubles here on the home front, read this: The GI's have beaten off the Chinese in hand-to-hand fighting in the rain and mud atop Korea's Bunker Hill. . . . The red Chinks came in 'em three times. . . . First a couple of patrols, with rifles. . . . then, an hour later, about a company, with burp guns and grenades. . . . Then, in battalion strength, backed by artillery.

Our boys turned them back every time—in the rain and the mud and the muck and the blood.

In last night's battle, the reds are estimated to have suffered about 270 casualties. Pretty rough?

Wait a minute. China's population is about 450 millions. Including mountains, deserts and all kinds of land, its population averages 50 persons per square mile. On the same ratio, Oregon's population would be eight millions. Klamath county's population would be about 480,000.

In spite of disease, hunger and

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The Weather

Fair and warmer today, tonight and Friday, except for scattered early morning fog.

Highest temp. for any Aug. 104
Lowest temp. for any Aug. 39
Highest temp. last 24 hours 78
Lowest temp. last 24 hours 49

Precip. last 24 hours 0
Precip. from August 1 0
Precip. from Sept. 1 3.28
Excess 58.78

Sunrise today, 7:55 p.m. DST

Sunrise tomorrow, 6:34 a.m. DST

Stevenson Starts 4-Point Attack

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Indecision Hurts Output Of Aircraft

Constant Changes, New Investigators' Report

WASHINGTON (U) — Senate defense investigators said today an excess of gadgets and top level indecision have slowed down military aircraft production and prevented the development of adequate air defenses for the United States.

The highly critical report was the latest of a series from the Senate armed services preparedness subcommittee headed by Sen. Lyndon B. Johnson (D-Tex.).

In order to speed aircraft production to meet a possible Russian atomic attack, the report suggested appointment of a full-time production czar by the President and an overhauling of present basic defense legislation.

Some of the same recommendations were made last November, by the same defense watchdog group but Chairman Johnson, in a separate statement, indicated they had not been carried out.

Johnson said the airpower buildup has been slowed down by a "capacity for indecision which at times has reached amazing levels."

Although the Defense Department did name a production czar, Johnson said, "he did not receive the necessary authority and eventually was reduced to the status of a job holder part-time."

Aides of Johnson said this was Clay Bedford, industrial leader who was named special assistant to the secretary of defense.

Constant Changes Called
The report also called for a greater share of federal funds for air power and less for ground and sea arms.

The report was sharply critical of constant changes in models and additions of gadgets and gimmicks to aircraft designs. It said there was a need for design freezes and mass production.

A tendency toward "gimmick-erie" has loaded some of our planes with gadgets to a point where their effectiveness has been decreased," the report said.

Wilfred Brown Will Address Writers Club
Wilfred Brown, Hollywood radio and television writer and editor of The Archer Poetry Magazine, will be in Roseburg and speak before the Roseburg Writers Club Friday night.

The meeting is scheduled for 7:30 p.m. in the Episcopal Parish Hall. Brown is script writer for Glenn Hardy, Mutual Broadcasting Co., news reporter.

Of special interest also is the announcement that the Poetry Clinic book of poetry, "A Gift of Words," will be off the press and ready for perusal, according to Hilda Peterson, president of the Writers Club.

Members of the Poetry Clinic will tell all about the book, she said. It contains the works of many Roseburg poets, and has been printed locally.

School Age Deadline Issue At Camas Valley
Sept. 2 has been set as the date when Camas Valley voters will express their desire on changing the deadline date at which a child must be six to attend school.

The vote on changing the date from Nov. 15 to Dec. 31, will be held at the school house from 8 to 9 p.m., PST. The action of changing the date must be taken by the District 21 School Board. They will act after finding the opinion of the residents of Camas Valley.

Critical Housing Area Declared At Winston
The community of Winston has been declared a critical housing area by the Federal Housing authorities, according to a spokesman of the Winston Chamber of Commerce.

This declaration came as a result of a recent influx due to the new plywood mill in Dillard.

The critical area embraces all of the Civil Bend census precinct, the spokesman indicated.

As such, it is anticipated that loans can be negotiated in the near future for improvement of community facilities — construction of new buildings, and the improvement of roads and sewage systems.

Fair Oaks Bridge East Of Sutherlin Finished
The Fair Oaks Bridge, on the Driver Valley Road East of Sutherlin, has been completed, while the \$25,000 Glendale Junction Bridge is expected to be finished in about three weeks, the County Court said today.

Grids are up on the 420-foot Glendale span and crews are making rapid progress.

The court also announced that two bridges on the Days Creek Road will be replaced in about two weeks. The new spans will be steel with steel decking. They replace old wooden bridges.

County crews were working Wednesday to construct fills for approaches to a new concrete bridge on the Coos Bay Wagon Road beyond Reston.

Legion Auxiliary Elects New Head



MRS. RAE ASHTON

NEW YORK (U) — Mrs. Rae Ashton, a Vernal, Utah department store owner, was elected national president of the American Legion Auxiliary Thursday.

Mrs. Craig Goyner of Bend, Ore., was elected regional vice president for the western division.

Mrs. Ashton is a widow. Her husband served in World War I, and her two sons are veterans of World War II. She is the 3rd president of the auxiliary which now has a record enrollment of a million women.

New Polio Cases Set Week's Mark

WASHINGTON (U) — A weekly record total of 3,503 new cases of infantile paralysis was reported to the U.S. Public Health Service for last week.

Announcing this Thursday, the service said the previous record for any one week since it has kept records was 3,416 for a week in August 1949.

That was the year in which the highest annual total was recorded. Despite the upsurge last week, this year's cumulative total since Jan. 1 ran 547 below the 1949 figure for the same period. There have been 19,980 cases this year and 20,527 in the 1949 period.

Michigan for the second straight week led the nation in new cases, 300 for last week and 244 in the preceding week. Illinois was next, with 272 cases last week and 223 the week before.

Texas continues to lead the nation in cases this year, with 2,953 since Jan. 1 and 162 last week. Iowa has moved into second place for the year, with 1,230, including 246 last week. California has dropped to third in cases for the year with 1,203, including 121 last week.

Normal Schedule Set For First School Day
All Roseburg schools will operate on a normal schedule the first day of school, Tuesday, Sept. 2, Marvin Smith, assistant superintendent, announced today.

Senior and Junior High School classes will begin at 8:35 a.m., DST; grade school at 9 a.m., DST.

High school students who have not yet registered are requested to do so, according to the following schedule:

Seniors, Tuesday morning; juniors, Tuesday afternoon; sophomores, Wednesday morning; freshmen, Wednesday afternoon. This means that sophomores and freshmen who are not yet registered in the Roseburg system will not need to come to school until Wednesday.

Tuesday will be devoted mainly to orientating students in each class, Smith says.

DRUNKEN DRIVING CHARGE
George William Dahens, 35, of Glide was arrested by State Police Wednesday night on a charge of being drunk on a public highway.

Red Supplies Hit By Fresh Destruction

SEOUL, Korea (U) — U. S. Air Force bombers rained new destruction on Communist supply centers near Pyongyang, the capital of North Korea, Wednesday night after planes from three U. S. Navy carriers—including the newly repaired Boxer—bombed Red power plants in the Northwest.

The Navy said the Boxer and two sister ships off Northeast Korea, the Essex and the Princeton, sent up 222 individual flights that dumped explosives on the huge electric plant at Chosen and other facilities from Kojo to Chongjin.

In a flaming raid on Sohung, 50 miles south of Pyongyang, 15 B26s unloaded destruction on a Communist supply center after civilians had been warned to flee.

Pilots reported 25 fires and three large secondary explosions in the target area.

Supply Road Cratered
Twelve B29 Superfortresses bombed a 115-acre supply dump at Sopo 13 miles north of Pyongyang, and two B29s hit a rail yard at Chinnampo, 20 miles southwest.

Five B26s bombed an enemy supply center near Chungwa, south of Pyongyang, and 16 other light bombers cratered a main supply road east of the Red capital.

The U. N. Command announced in Tokyo that combined Air Force and Navy aircraft losses since the war began 26 months ago now numbered 1,572 planes against confirmed Communist losses of 642.

An additional 143 Red planes probably were shot down and 620 damaged, the Air Force said.

The Navy claimed its pilots damaged 88 Red planes. That would make a total of 1,493 Communist planes destroyed or damaged.

County Crews Start Outer Slough Road Job

County road crews have begun work on construction of the Outer Slough Road up Smith River, the County Court announced today.

The road will provide access to residences, timber and a sawmill in the area. The section has been isolated ever since a bridge fell down some 20 years ago on an other road to the area. The bridge has never been replaced. The new road is also expected to connect with the Butler Creek Road.

Another road, designed to gain access to timbered areas and residences in the Upper Tenmile Lake region, is being constructed by the Thornton Orr Timber Co. The new road continues from the Scofield Road at Tharp and will end at the Brown place near the lake. The stretch under construction is about four miles long.

Jury Acquits Trucker Of Overload Charge
A six-person district court jury Wednesday returned a verdict of acquittal in the state case against John Woodman, 23, accused of an overload of 2,200 pounds — "because state weighmasters made signs to witnesses on the stand."

Woodman, a log trucker from Roseburg, hauls for Hanley and Post between Little River and Martin Brothers Box Co.

He alleged in court he had been waved on after weighing at the North Umpqua county scales, but had been charged with the overload at the state's scales on Highway 99 north of Roseburg.

After a day-long trial the jury deliberated some 45 minutes before returning the verdict.

Deputy District Attorney Donald S. Kelley said jurors told him they objected to several weighmasters, sitting as spectators, making signs to the witnesses.

Seats On City Council Asked



GEORGE LUOMA



WILLIAM ADAIR

Navy Secretary Asks Legion Aid

NEW YORK (U) — Secretary of the Navy Kimball Thursday asked the American Legion to help keep America strong on the seas.

"You can help us," he told Legionnaires at their national convention, "by supporting our request for appropriations to create and maintain the strong armed forces this country is going to need as long as aggression stalks the world."

The Navy secretary said the nation has increased its investment in its armed services about 100 billion dollars in the last 20 years, adding:

"For the richest nation on earth, I think this is a more or less modest investment in national insurance. The total investment is less than one-third of one year's national income, and while of itself, it is a tremendous amount of money, I do not believe it is excessive."

"The stakes are high in this battle for freedom in which we are engaged and it cannot be won with tokens or I. O. U.'s."

LUMBER CO. SUE
The Standley and Moody Logging Co. has filed suit in Circuit Court against Roy A. Beebe, doing business as the Beebe Lumber Co., for \$8,087.64 allegedly due for merchandise.

Key Club, Zonta Club, Campfire Girls, Inc., Active International, Elks Club, Myrtle Creek Saddle Pals, Trail Dust Saddle Club, Sutherlin Timberline Trail Riders, and Weaver Pioneers of Myrtle Creek.

Don Bell
Petitions nominating three more men for seats on the Roseburg City Council have been filed, making one or more candidate for each of the four council positions.

The latest three filing are incumbent William J. "Bill" Adair and Don Bell for Ward 3, and George Luoma for Ward 4.

Competition is thus assured for the Ward 3 council position, as Percy M. Varney has also filed, making three candidates for the two positions.

Dr. Byron Woodruff, incumbent, is a running mate with Luoma for the two positions open in Ward 4. There will be competition for the mayor's position, with Percy Croft and Arlo Jacklin running for the office to be vacated by Mayor Albert G. Flegel.

Adair, who lives at 813 Short St. and with his son, Jack, operates Adair's Associated Service Station, is completing his second term. The first was by appointment to fill an unexpired term, and the second was elective for four years.

Adair is chairman of the fire committee and has served on other special council committees. He has been a resident of Roseburg for 32 years, was manager of Pierce Auto Freight for 10 years and in charge of trucking for Roseburg Lumber Co. prior to opening his service station. He has been active in numerous civic affairs, including most fund raising campaigns. He chairmanned the Community Chest campaign one year. He is a member of the Masons, IOOF, Rebekah Methodist Church and Chamber of Commerce, and served one term as a chamber director.

Bell, service superintendent for Lockwood Motors, lives with his wife, Irene, and children Bill, 17, and Nancy, 13, at 814 Nebo St. Prior to coming to Roseburg 6 1/2 years ago, he was with United Airlines. He is a Mason, member of the Chamber of Commerce, and active in the Fullerton Dads Club. Luoma's Contacts Noted

Luoma, local attorney with offices in the U.S. National Bank Building, has resided in Roseburg six years. He is married and lives at 500 E. Cass St. He is a graduate of the University of Oregon with degrees in business administration and law; a veteran of World War II, serving in the air corps, and handled publicity for Kaiser Corp. in Portland.

Since coming to Roseburg he has been very active in civic affairs and fund raising campaigns. He is a past president of the Chamber of Commerce, and now serves on the board of directors. He is also past president of the Douglas County Tuberculosis and Health Association, and headed the Bond Sales campaign. Fraternally he is an Elk, Mason and member of the Country Club, of which he is a member of the board of directors.

'Me-Tooism' Charge Hits Republicans

General Eisenhower Informed He'll Receive 'Surprising' Labor Vote

By The Associated Press
Gov. Adlai Stevenson's first major address indicates his campaign strategy will lean heavily on a four-point attack emphasizing "you never had it so good" and an attempt to stamp his Republican presidential opponent, Gen. Dwight D. Eisenhower, as a "me-too" candidate.

Stevenson, Democratic presidential candidate, in a speech at the American Legion Convention and in another delivered last night at a Democratic rally near Asbury Park, N. J., hit hard on these points:

1. Prosperity—"The people of this country are better off than they or any other people have ever been."

2. Me-tooism—"On domestic policy, only now are they (the Republicans) slowly and reluctantly accepting the ideas successfully sponsored by the Democratic party years ago. . . . It looks more and more to me as though they are going to stand on our program."

3. Foreign policy—"The Republicans are split wide open on foreign policy. . . . Some of us are reluctant to admit that peace cannot be won by some clever diplomatic maneuver or by propaganda."

4. McCarthyism—"I am not in the delicate position of another candidate for high office, who faces the ticklish problem of whether to swallow his principles and endorse all the candidates running on the same ticket with him."

Ike Wants GOP Senate
Eisenhower has said he would support Sen. Joseph McCarthy, the controversial Republican senator from Wisconsin, if McCarthy is re-nominated. But he added at the time he would not give blanket endorsement to any one who "does anything I believe to be un-American in methods or procedure."

Some have charged that McCarthy (Continued on Page 2)

Anti-Mosquito War Resumed

The City of Roseburg in cooperation with the County Health Dept., has launched a new attack against mosquitoes, and urges cooperation of home owners in getting rid of the insects.

The river and creeks and general areas are being sprayed, and City Inspector Charles Bonolis commented, "There's no use kidding ourselves."

"We can spray all we want but every time someone waters a lawn, little pockets of water are left which are breeding places for mosquitoes. And every time a tin can is left half full of water, it is a breeding place for mosquitoes."

This is the fourth time the city has been sprayed for mosquitoes. Mill operators in the immediate Roseburg area are cooperating in keeping oil on their mill ponds.

"We need the cooperation of everyone," Bonolis said. "It's the little things—cans filled with water, or pockets of water after watering a lawn—that account for mosquitoes breeding, not the big things."

The spraying is being done with DDT fog spray.

Eight Juveniles Cited For Theft From Home

Eight Roseburg youngsters were cited to juvenile authorities by sheriff's deputies after they had reportedly broken into the Wharton residence on Virginia Avenue, Sheriff O. T. Carter said.

Miscellaneous notes were taken. The youths range from 11 to 16 years of age.

Bean Harvest Complete

The bean harvest in the Roseburg area has been completed according to information received from the Oregon State Employment Office.

The harvest season was much shorter this year than is normal because of the late spring but the crop was very rich farmers said.

Pear harvesting is now in full operation.

Levy Fact Rant

By L. F. Reizenstein

The \$64 question for the motorist: After the Labor Day holiday, will you still be a live human being or just another statistic?

CENTENNIAL SCHEDULES

THURSDAY—Livestock rehearsal 7:30 p.m. Fairgrounds.

FRIDAY—Individual group rehearsals throughout day; Dress rehearsal 7:30 p.m. Fairgrounds.

SATURDAY—"One Hundred Years of Progress" parade starts 10 a.m.; Pre-pageant entertainment 8:30 p.m. Fairgrounds; Umpqua Cavalcade 8:30 p.m.

SUNDAY—Myrtle Creek Rodeo 1 p.m.; Square Dance 8:30 p.m.; Umpqua Cavalcade 8:30 p.m. with pre-pageant entertainment at 7:30 p.m.

MONDAY—Myrtle Creek Rodeo 1 p.m.; Umpqua Cavalcade 8:30 p.m. with pre-pageant entertainment at 7:30 p.m.