

'Survival Town' Faces Destruction in Tuesday Explosion at Yucca Flat

Legislative Tempers Shortening As Adjournment Fever Increases

Salem — (U.P.)—After 104 days and many nights, tempers were beginning to get a little short at the 48th session of the Oregon Legislature.

A lot of pressure is building up for adjournment. Quick changes are being made daily in important policy matters and, under these conditions, pressure groups can be expected to get in their best licks.

Important work remains to be done.

The income tax bill as revised by the Senate committee, was scheduled for the Senate floor today and a minority report due

from two of the seven members.

Exemptions Decrease

The bill provides for a reduction from \$600 to \$500 in personal exemptions and a 45 per cent surtax on amounts paid under the present rates. Surtax and lowered exemptions combined would increase present revenue from personal income tax 65 per cent and provide \$44,000,000 in new revenue.

Under this bill there would be no changes in below \$3000 income groups and an increase of nine-tenths of one per cent on incomes over \$100,000. Greatest changes percentage-wise would

be in the \$3000 to \$20,000 class.

As an example, those with incomes from \$5000 to \$6000 now pay \$3,905,000 annually. Under the new bill they would pay \$6,680,000 annually.

The Senate Tax Committee was still undecided about the cigarette tax and the House Tax Committee was struggling with the sales tax.

Neuberger Attacks John Day Dam Plan

Washington — (U.P.)—Sen. Richard L. Neuberger (D-Ore.) has declared that a federal "partnership" development of the John Day dam project in Oregon would raise the cost of power in his state.

He said in a statement that a new partnership bill sponsored by Rep. Sam Coon (R-Ore.) "reveals in sharp detail the shortcomings" of a smaller measure introduced last year.

"When we held the line against the administration's partnership scheme for a year," he said, "it forced the 'local interests' to raise their ante from \$164,000,000 to \$273,000,000."

"It is evident that the power assets of the John Day site are so valuable that the private utilities are willing to use their bid at least \$100,000,000 over their 1954 offer."

Neuberger said Coon's new bill "leads down innumerable blind alleys" and raises important questions which must be answered before power consumers "are lured down the primrose path of partnership."

No Further Sign-Ups For Polio Vaccine

Portland — (U.P.)—The State Board of Health has asked county health boards not to encourage further sign-ups for Salk polio vaccine as there probably will be a shortage in the state.

The inoculations have already been postponed indefinitely in Oregon due to lack of word concerning shipments of the vaccine here.

The board's memo to county health departments Sunday noted that only 76,140 cubic centimeters of the fluid were allocated to Oregon. According to board figures, 81,738 cubic cen-

Ability of Homes To Stand Blast Sought in Test

Atomic Test Site, Nev.—(U.P.)—The specter of atomic destruction hung today over Survival Town, U.S.A.

Weather permitting, an atomic device encased in an ominous black cab atop a 500-foot steel tower on dusty, sagebrush and Joshua tree-sprinkled Yucca Flat will be detonated at 4:20 a.m. (PST) Tuesday.

The nuclear gadget, its builders predict, will have the potency of 40,000 tons of TNT. This is twice the punch of the "Model T" atom bombs exploded over Hiroshima and Nagasaki, Japan, in 1945.

Stars of the experiment, one of America's most spectacular atomic tests, are the mannequins who are the only residents of the 10 typical American-style homes built on the desert south and east of the tower base.

Impressive Array

Around their homes, which range from about one to about two miles from "ground zero," is spread an impressive array of typical trailers, gas tanks, power lines and even fire trucks.

Shelves of the kitchen cupboards are stocked with a wide variety of canned foods. Refrigerators will be stocked with fresh foodstuffs—and beer.

The idea of the elaborate experiment is to find out what would happen to the nation's homes, offices and factories should they be subjected to an atomic attack.

The same nuclear device that tests the durability of the simulated town will also be the spark for an Army armored task force exercise.

More than 4,000 military and civilian observers from throughout the United States and from Canada, Puerto Rico and Hawaii will witness the blast.

Most of the civilians will be on a hillside seven miles south of the shot tower.

Women in Forward Trenches

Thirteen persons—12 Army officers and one civilian Army worker—will be in deep trenches only 2,600 yards from ground zero. Another group, including three women civil defense workers, will be in other forward area trenches.

The lead Army tanks, containing several newsmen volunteers as well as their regular crews, will be 3,100 yards out—the closest to an atomic explosion that humans have been above ground since the wartime blasts in Japan.

Charts prepared by the Federal Civil Defense Administration indicate that five of the 10 homes will be destroyed or virtually ruined by the heat, blast and radiation of the 40,000 ton "yield" device.

The other five are expected to suffer lesser, although severe, damage.

timeters would be needed to give even a first dose to all eligible children.

The state board has protested the amount of the allotment to the National Foundation for Infantile Paralysis, officials said.

Deer in New Zealand have become so numerous they are regarded as common pests.

Scientists Unable To Tell Brain Of Genius From That of an Idiot

By DELOS SMITH

United Press Science Editor
New York — (U.P.)—Referring to the brain of Einstein, which now is in a glass jar awaiting scientific study, an eminent neurologist was reminded of his student days.

He was in a mental institution, assisting the man in charge. This world-famous, most learned doctor was engaged in a game of chess with an inmate who was, by all measurements except one, an idiot.

He played a mean game of chess which is reputed to be an intellectual game. When the doctor came into the room, the idiot had the great brain of his opponent perplexed, bewildered, and frustrated. All these things were reflected on the great brains face.

But the idiotic brain's facial mirror was bright with mastery, and a very odd question popped into the young doctor's mind. The question was: "Which is the idiot?"

What's The Difference

The neurologist was pointing out that despite the vast accumulation of knowledge about the human brain, science knows very little about it. That's not contradictory. Science knows its anatomy in minute detail. Yet anatomically science usually can't tell the difference between the brain of a genius and the brain of an idiot.

Scientifically the neurologist belongs to the school which argues that genius has no physical cause. Therefore, the physical cause of Einstein's genius must be in his brain, since the human body has no other intellectual organ. It just has to be there, and it isn't found it means only that science doesn't yet know how to look.

Since the physical cause-for-everything-school has, so far, found nothing to support itself

in the human brain, then how do their opponents argue?

They argue that "forces" develop in the intricate physical functioning of the brain which converts to a blubbery mass of blood, tissue, and nerve cells into a mind, but that these "forces" have no anatomy because they have no physical existence. Yet the proofs are obvious, they say.

For example, we all have conscience, in greater or lesser degree, but where, anatomically is the conscience? Yet there is a conscience of which we are conscious and another, the "super-ego" of which we are not conscious. Also there are both a conscious and an unconscious ego. To sum up, there is an unconscious mind as well as a conscious one which both are manifestations of the same brain.

Public Welfare Bill Passes House

Salem—(U.P.)—A bill appropriating \$31,150,032 for public welfare was passed by the House Saturday with only one dissenting vote.

The largest appropriation bill to reach the floor of the House this session encountered the objections of Rep. G. D. Gleason (D-Portland) who said it provided only enough money for "gentle starvation."

Included in the measure was appropriations for the aged, totally disabled, blind, and dependent children. Rep. Leon Davis (R-Hillsboro) presented the bill.

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Arrival of Monkeys Cuts Worry By Americans Over Supply of Salk Vaccine

Columbia, S.C.—(U.P.)—Twenty-four hundred monkeys have become new residents of South Carolina during the past week, and Americans worrying about the supply of Salk polio vaccine can breathe a little easier.

The shipments of Rhesus monkeys—from India by plane to New York and then by truck to South Carolina—will help keep a steady flow of vaccine coming out of drug laboratories around the country.

The monkeys provide kidney tissue used in manufacture of the vaccine and also serve as "guinea pigs" to test it. They are brought from the jungle to a unique 39-acre farm in the South Carolina low country for a 21-day conditioning period before they go on to serve the cause of humanity.

Ban Lifted

A threatened shortage of the monkeys failed to materialize when the government of India removed a recent ban on their export. They began moving from New Delhi by the plane load again last week.

The monkeys ride in temperature controlled plane compartments to assure their good health on arrival. When they reach the Okatie farms 30 miles north of Savannah, Ga., they are put up in style (heated dwellings during winter) and go on a special diet that includes a vitamin supplement.

Okatie farms, which was established by the National Foundation for Infantile Paralysis in

1947, was chosen as a clearing house for monkeys in the anti-polio drive because the climate "closely approximates" that of their natural habitat.

Movement Stepped Up

The farm has facilities for up to 10,000 long-tailed tenants at a time. The traffic has been stepped up markedly since the report on the success of the Salk vaccine.

Farm manager Ralph Baker and a staff of 20 has charge of the monkeys during their "basic training." There are no doctors at Okatie and no experiments are conducted there.

The conditioning period is necessary to make sure that the animals are fit specimens for polio research. The national foundation spends about \$35 on each monkey from the time it leaves the jungle until it is turned over to a laboratory.

Some manufacturers of the Salk vaccine are setting up their own programs for testing monkey candidates. They will be able to acquire monkeys directly from Indian or the Philippines.

There are 12 managed, public waterfowl hunting areas in California.

The Portuguese Man-of-War is the most poisonous of all jellyfishes.

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