By Howard W. Blakeslee Associated Press Science Editor NEW YORK, Feb. 4 -(AP)- The

hydrogen bomb within a year, and what next? Will there be more,

What can we expect, and what

If the hydrogen bomb succeeds, the answer is there will be more. Because the hydrogen bomb taps

a source that was supposed to

Once open that door, and the

possibilities are endless. How fast

will they come? The hydrogen

bomb is arriving ahead of the

schedule which cautious scient-

ists set in their testimony before

Five to ten years, they said, without specifying what bomb.

Can they be worse? The H-bomb is said to be, at worst, a

thousand times more powerful than the A-bomb. But a few com-

petent scientists said there was a

possibility of bombs thousands of

They said this was remote. But

Ahead are the lithium bomb, the

boron bomb and the annihilation

bomb—to name only those which

are in the published records. All

these belong to the light-weight

chemical elements, in which scien-

tists expect to find most of their

early bombs. You can add carbon

bombs and nitrogen bombs, and

maybe beryllium, to amplify the

Why can these things be con-

match, the kind you strike on your

shoe, gives the answer. Coal and

wood must be heated to hundreds

of degrees before they will burn.

The match ignites with the mild

heat of friction, and then can

communicate the heat to start the

In the world of nuclear bombs,

all except two must be preheated

like wood and coal. They must be

heated to millions of degrees,

with tons of pressure. The two

exceptions are uranium and plu-

tonium bombs. These are set off

by cool neutrons-no great heat

required.

These two are the phosphor

What is the limit? The annihil-

ergy produced from a substance

centers of stars. A few scientists

action really occurs in the hot Prosecution

matches, which science fears can ment.

now that one seems about to come

true, there is new weight in their

the U.S. senate four years ago.

how soon, how much worse?

will be the limit?...

exist only in the stars.

Scientists Cautions

times more powerful.

speculations.

FBI Chief to Tell Solons Story of British A-Spy

WASHINGTON, Feb. 4-(AP) Grave-faced lawmakers anxious to plug any further leaks in atomic security today called J. Edgar Hoover to testify Monday after hearing first-hand that a trusted British scientist-now an atomic spy suspect-was free to obtain "most vital weapons information!

The senate-house atomic committee asked the top G-man to testify in closed session as it sought to learn from Lt. Gen. Leslie R. Groves the size of the hole in America's atomic treasure chest.

Chairman McMahon (D-Conn) related to reporters that Groves, wartime head of the atomic pro-ject, had told the congress mem-bers that Scientist Klaus Fuchs had "access to a wide area of the most vital weapons information." Groves indicated this included data on the prosposed hydrogen

Hoover already has told a senate appropriations group, cording to senators, that Fuchs became a paid Moscow agent in 1939. He was filtered into the English atomic setup after the war broke out. The physicist then worked his way up to become a member of the British atomic mission to this country.

Fuchs was also present even at the assembly of an atomic bomb, according to this account.

was likewise overridden by the

Paul Revere

Fails to Ride

vere did not ride today.

tured Henniker.

mount, the horse would have

none of the masquerade. After

repeated futile attempts, Brisson

the carnival's mock battle, cap-

Bathless Saturday

In Rainier Due to

Low Water Supply

of the city's water shortage.

no more water than necessary.

PORTLAND, Feb. 4 -(AP)- The

that they would increase the price

sured fire protection.

EGG PRICES TO RISE

RAINIER, Feb. 4-(AP)-Mayor L.

E. Odle of Rainier appealed today

Maybe that's why the British, in



J. EDGAR HOOV' R Summoned by Solons

McMahon said Groves told the atomic committee today that: (1) "He had no doubt as to light-weight possibilities. Fuchs' opportunity for knowing Match Gives Answer vital information"; and (2) the Why can these this British scientist was never sub- sidered possible? The phosphor jected to an American security check, having already been cleared by his own government.

Scientists Ask Restriction on Use of H-Bomb

NEW YORK, Feb. 4-(A)-Twelve top American scientists called today for a solemn promise that the The state board of higher edu- hydrogen bomb unless it is first

"It's use would be a betrayal said the group, headed by

they said. education. But when the state "No Nation Has Right" board rejects the counsel of its

the right to use such a bomb, no matter how righteous its cause. This bomb is no longer a weapon Packer, but with the office. It is of war but a means of extermination of whole populations."

(Continued on editorial page, 4)

HENNIKER, N.H., Feb. 4 -(P)-Dobbin said "Nay," so Paul Re-

Paul, in the person of William Brisson of Salem, Mass., was scheduled to rouse the town for New England college's winter carnival. However, when the student, school roof Thursday. authentically garbed, attempted to

melted loose under the rays of a warm sun and swept Wiggins in Bunke said the 80-foot structure windowless gem store. Mayo ofits path. He was badly shaken had collapsed under the weight of fered in explanation:

MOLALLA, Feb. 4 -(AP)- The Goat mountain fire lookout tower

Five thousand Oregon CIO tele- nesday, and have announced they

The refusal of a large number

WASHINGTON, Feb. 4 -(AP)-

Beirne said in a statement that there is no sign of progress in bargaining and that federal mediation efforts also have been unsuccessful so far.

workers effective at 6 a. m. local time Wednesday. It is expected that some 200,000 others who are bound by contract against formally striking before March 1, will refuse to cross the picket lines.

workers, 11,000 strong, threatened today to join the nationwide telephone strike set for next Wednesday morning. Their union, division 6 of the

Storm Sewers The plight of thousands of Clogged ing by an ice-coated wild duck

2 SECTIONS—34 PAGES

Ice Coated Duck

Thawed Out' by

Willamette valley wildfowl was

pointed up here Saturday morn-

found on Claude street in a resi-

dential area by N. D. Lindsey.

duck came at him with mouth

He took the bird into his home

and thawed it out and fed it.

Lindsey has it in a bird cage and

intends to turn it loose as soon

as the weather outside becomes

Head-On Crash

Local Hospital

A head-on collision, blamed to

The injured were Mrs. Alta

Saturday morning's icy highways,

sent two valley residents to Salem

General hospital.

curred at 9:30 a.m.

Watson Faces

captured in Stockton, Calif., Janu-

Mistaken for

FAIRBANKS, Alaska, Feb. 4-

along through ice and fog at 4

So he tossed it to one side of the

The sound of shattering glass

Later the 25-year-old laborer

gave himself up to police, who said

the owner of a jewelry store took

a dim view of the addition to his

clattered back at him. He fled.

Vacant Lot

bery count,

walk.

bile owned by Larry Fitzwater, Rickreall, was completely destroy-

Sends Two to

Salem Resident

Lindsey saw the starved, be-draggled bird, unable to fly, grief to the entire northwest in lying across the street from his the form of freezing rain Friday residence at 2365 Claude st. He night and Saturday morning, said as he approached it the knuckled down to some honestto-goodness thawing early Saturopen. Its wings were evidently day and the area's coating of ice iced from Friday night's ice and snow was rapidly being

> Mercury in Salem reached high of 45 degrees Saturday afternoon, breaking a long succession of below freezing and often below zero days. The warm-up, however, turned the entire mid-Willamette area into a virtual sea of slush by Saturday night.

Freezing rain which had coated everything with a half inch of ice by dawn Saturday, turned to just rain when the temperature forecast for today.

Patrol Keeps on Duty The thaw added new duties to the weather-harried city engineer crews, Slush clogged catch basins and kept several men busy through the day keeping them clear. A patrol is to be on duty throughout the week end to keep an eye on possible surface flooding from the melting snow.

Mead, 57, Hubbard, fractured right arm, fractured kneecap and chest Salem power and telephone injuries; and Ruth Betts, Lebanon, companies had apparently weathbump on head. The Lebanon ed the short-lived silver thaw woman was released after treatwithout much damage. Dallas, however, was without power for set off the others. These two Ernest Mead, Hubbard, driver furnish the millions of degrees of a southbound Chrysler coupe, Ernest Mead Hubbard driver a half hour at noon Saturday heat and pressures. The question is told state police his car went out when ice-weighted lines shorted. breaking two high voltage circuits do the atomic "matches" blaze long of control on the icy pavement at the main substation. In Salem about a mile north of the undera transformer went out on Filpass in north Salem. The car skidation bomb. Annihilation means ded into the path of an auto drivmore street but was immedthat the entire mass of atoms dis- en by Robert Joseph Moersch,

iately repaired. appears completely, changes into Lebanon.
energy, with nothing left over.
That is the reaction in which endamaged in the crash which oc-Cold Spell Over For most of the northwest the bitter month-plus cold spell was over. Only valleys in eastern Orestay below freezing today.

> dered Saturday in Aberdeen, Wash., after two municipal reservoirs went completely dry. Breaks in the city's ice-clogged water mains brought on the crisis. Persons leaving faucets open to prevent freezing were subject to ar-Marion Watson, Oregon state rest. (Aberdeen story details on hospital escapee captured recently page 2.) Traffic began to move again \$9,000; Final

out of Portland after Friday California authorities indicated night's blizzard had marooned many automobiles, slowed rail traffic and erased airlines schedules. (Blizzard details on page 2.) minally insane, Marion County Sheriff Denver Young said Saturday. Oregon has released its all cancelled Saturday, but were hold on Watson, who is a Califor- expected to be resumed today. One United Airlines flight terminated Watson, who with three other at Salem's McNary field. All convicts escaped from the crimi- others were cancelled at point of nal insane ward at the state hos- origination or were flying on to pital here last December 2, was Seattle.

ary 30. All four of the convicts Thieves Strip have now been captured. Originally Watson was committed to Oregon state hospital Oct. 19, 1948, from Oregon City on a rob-Liquor Store

TROUTDALE, Feb. 4 -(AP)- The state liquor store was nearly emptied of liquor by thieves last night. The robbery was discovered this 3 DIE IN C-47 CRASH morning. The store's shelves were nearly bare.

determine the loss.

(AP)-Troy Mayo pushed his way Cases in 3 Cities o'clock this morning. The weight of the four foot log on his shoulder All in Day's Work was getting excruciatingly heavy. For Judge Kimmell

Circuit Judge Rex Kimmell, who recently established something of a record in speedy legal circling. Judge Kimmell, who ordinarily doesn't go in for jet-propelled justice, managed to clear three cases

First of all he completed a three-day civil suit in Marion county circuit court Friday morning. At noon he left for McMinnville, where he heard a contempt proceedings. Four o'clock found the rambling justice in Oregon City wrapping up a criminal case. He returned home at 7:30 o'clock, stabled his horse and took off his spurs-or-rather he garaged his car and went into supper.

THE WEATHER

19 13 46 New York 42 9 .00

Williamette river 3 feet.

FORECAST (from U.S. weather bureau, McNary field, Salem): Cloudy today with local clearing tonight. Pos-

SALEM PRECIPITATION Last Year

22,94

T-H Machinery Set to Roll If Miners Strike Monday

Lewis Rejects Truman's Peace Plan

Russians End Blockade on Truck Traffic

The Oregon Statesman

Thaw Leaves Sea of Slush in Valley

The Oregon Statesman, Salem, Oregon, Sunday, February 5, 1950

BERLIN, Feb. 4 -(AP)- The Russians dropped their "little blockade" of truck traffic today at Helmstedt. In an official statement tonight, they said it was

imposed to combat smuggling. After two weeks of slow-down climbed above the 32 mark be- tactics, Soviet guards threw the fore noon. Continued thawing was zonal frontier wide open and waved through trucks bound from West Germany to Berlin at rates

up to one a minute. "Come on,

shouted. The break came as the United name. States, British and French authorities discussed possible counter measures. The official Soviet statement on why the blockade was lifted did not refer to these conferences. But the Russians learned in the 1948-49 blockade that an allied counter blockade could hurt. The U.S. state department said this week that a new counter blockade was under consideration.

cy ADN distributed a statement Maj. Gen. Alexander Kotikov, the Berlin commandant, replying to a protest by the western allies over interference with truck traffic on the super highway. His statement declared: mary reason behind the stringent

The Soviet-licensed news agen-

measures imposed at Helmstedt A "state of emergency" was orthat choked truck traffic. At least 266 cases of smuggling had been uncovered at Helmstedt in the past three months.

Dimes Drive at Week Starts

Marion county's March of Dimes has collected a total of more than \$9,000 as it goes into the final weather-plagued week of its fund drive to fight poliomyelitis.

Last large public events in Salem will be the Elks-sponsored dance at Crystal Gardens on Tuesday night and the amateur boxing card at the armory on Wednesday night. The fights are sponsored by Capital post 9, American

The talent show will appear in Mt. Angel on Monday night; Woodburn, Tuesday; Mill City, Wednesday, and Silverton on Friday night. Coin collectors, receipts of school funds, and parking meter takes will be collected Friday.

SAN JUAN, Puerto Rico, Feb. 4

(AP)- Three U.S. air force men -An inventory was underway to two officers and a sergeant-were killed in the crash of a C-47 transport plane into the sea 50 yards off the Puerto Rican coast last night. Two bodies were re-

MASS FLIGHT TO CUBA land's mass flight to Havana, Cu- strike. Old-time circuit-riding judges ba, will start a month from today, had nothing on Marion County with some 250 private pilots and an injunction would bring on a passengers expected to join in.

Presidential Advisors Draft Order to **Authorize Emergency Injunction Use**

WASHINGTON, Feb. 4-(AP)-Two top presidential advisers said tonight that President Truman will invoke the Taft-Hartley act against John L. Lewis unless his soft coal miners return to

The two officials, in separate interviews, said the United Mine Workers chief had left the chief executive no alternative

but the use of the act which he has sought to repeal. Presidential advisors are already at work on the draft of a Taft Says GOP

Earlier in the day Lewis spurned Mr. Truman's plan to end the mounting coal crisis with a fact

finding board. This immediately set off rumors that a nationwide mine strike would get under way on Monday. Neither of the white house intimates who outlined the white house plans would be quoted by

would act unless their is an unexpected return to the coal mines to '52.' by the UMW members.

Means Rejection Late today the white house announced that Lewis' answer "is construed as a rejection" of the president's proposals.

In turning down the president's

offer to name a three-man board to investigate the coal situation while normal production is resumed, Lewis said his 400,000 miners were dead set against placing their wages and working conditions in the hands of "three strangers" no matter how well intentioned they might be. Coal operators and miners alike cted that but little coal would

be dug next week. Order for Walkout John D. Battle, executive vice resident of the national coal as-

president of the national coal as-sociation, said reports from the mine fields indicated that the "wink or the nod" for a walkout had already been given by Lewis.
In using the Taft-Hartley law
Mr. Truman would have to first decide that a national emergency exists. Heretofore he has held that such a condition does not exist.

Then he can seek an 80-day injunction against the union while a fact finding board makes a study of the situation and reports to him. One of the two presidential advisers said tonight: "This situation has now got us

worried and we will have to take action as soon as possible. Earliest Report

report that a board can ic secrets in 1945 and 1947. This official, in close contact

with developments, said he had "grave doubts" whether Lewis would send the miners back to work on Monday. Mr. Truman had originally pro-

posed to set up a fact finding board apart from the Taft-Hartley He had suggested that the min-

ers return to normal digging while that board made an investigation and came up with recommendations for settlement. Either the union or the operators would have been able to accept or reject the report. But Lewis voiced suspicions.

Only One Choice In cryptic terms, the United

Mine Workers leader contended that the board's findings would leave his union with but one choice-to accept or face a Taft-PORTLAND, Feb. 4-(P)-Port- Hartley act injunction against a And he hinted broadly that such

work slowdown.

Weather Blamed for Decrease in three separate circuit courts in three different counties in one day last week. In Activity at Bred Gilt Sale By Lillie L. Madsen

Farm Editor, The Statesman

comparison to last year's 33 bred animals. gilts which averaged \$123,18. In average. The Marion County Livestock association was joint sponsor with the Swine Growers association in the sale.

Try as he would, H. J. McMurent bids from most of those attending. Even the heated barn 1. could not warm the ringside up to 23.46 president of the Oregon Swine

Consigners were given the Weather was reflected in the choice, when it was noted how fifth annual bred gilt sale of the low bids were starting, of setting the opening bid. A number took urday at the state fairgrounds, advantage of the arrangement and The 24 animals brought only \$2,- set the start at \$100 and when no 150 for an average of \$89.58 in offers were made withdrew the

Two Yorkshires brought \$317.50 1948, there were 46 sold at \$125.92 for the highest average, with the average. The Marion County Live-\$295, to average \$98.35. More Dur-ocs were sold than of any one other breed. Other breeds represented were Spotted Polands, ray of Council Bluffs, Iowa, auc- Berkshires, Hampshires, Yorktioneer, could pull only indiffer- shires, Herefords, Chester Whites, Poland Chinas and Minnesota No.

Dick Barnes, Silverton, clerked bidding. Only seven animals the sale with those assisting in the brought \$100 or more. Highest sales ring including H. A. Bernes price was \$127.50 paid by Neal Elliott of Lakeview for a Hampshire consigned by Lyle McKinley & Son of Shedd. McKinley is director. (Additional details page 5)

Senator Taft (R-Ohio) said tonight that unless the republicans make substantial gains, in this They said that the president year's congressional elections "there's no much use in looking Taft, GOP policy leader in the senate, said the Truman administration will probably be able to

WASHINGTON, Feb. 4 -(AP)-

enact much of its welfare program if the 1950 elections bring "a congress that is any more radical than the present one." Once the nation is embarked on such a program, he said in a speech before the Young Repub-lican National federation, it will

the concept of "a totalitarian government directing the whole lives of our people." "Unless we win in '50, I don't know that there's much use in

be very difficult to turn back from

battling in '52," Taft said.

Casts Doubt on A-Partnership

LONDON, Feb. 4-(P)-Political leaders fretted today over the possibility that Britain's latest atomic spy case may torpedo chances for a full exchange of atomic secrets with the United States and Canada.

The case broke yesterday when 38-year-old Dr. Klaus Emil Julius Fuchs, described as the mastermind of Britain's only atomic energy plant, was arraigned on "The president will seek the charges of giving away U. S. atom-Some United States senators im-

mediately demanded that Britain be denied any further secret atomic information developed by American research. There was no official comment

on the case in London. Normally cooperative spokesmen for all government departments from Scotland Yard to Prime Minister Attlee's office shut up like clams at the mention of Fuchs' name. But politicians expressed alarm privately over the possibility the case may cause the United States to turn down Britain's bid for freer exchange of atomic knowledge. The two nations have been talking over freer exchange with Can-

ada for several months. The best authoritative information here is that Britain does not have the atomic bomb. She does, however, have atomic piles for research, operated by the government's ministry of supply.

Yank Skyward -Leaves Atlanta **Boy Unhurt**

ATLANTA, Feb. 4-(P)-George Reid, 14, was tossed 50 feet into the air today without serious in-He was yanked skyward-and

dropped at the highest point-as he clung to a mile-long utility cable being hoisted atop new steel

Doctors first thought he had a broken hip but later found only bruises. They released him after emergency treatment.

Three 14-year-olds were hitching rides on the cable as a crew with a power winch erected it. They would hang on a few feet and let go, but George's grip "froze" in Despite his companion's screams.

he held onto the cable until it reached the tower top. A splice or some other obstacle broke his grip and he came hurtling down. The cable had no current in it. George said it went up so fast

"I got scared, I couldn't turn

think they have seen it in lab-In California which it noted the growth of the of all standards of morality and oratories, but they aren't sure. state and defended certain dupli- of Christian civilization itself," The annihilation bomb will give cation of courses. It declared its policy would be to avoid "unone thousand times more energy per pound than the present A-bomb. But the 1000 here is misreal father of the H-bomb, Dr. necessary duplication" but said it would "make its decisions on new Hans A. Bethe of Cornell uniin Stockton, Calif., will not be releading. Nature which sets off Aversity, who discovered how the courses and new curricula, re-gardless of duplication, on the baturned to Oregon but will be sun makes its heat with hydrogen. bombs while they are cool, also prosecuted in California. Despite the H-bomb's vast r set a limit on how much can be sis of facts, definitely proven exploded. There is no known limit er, their statement said, this counthat Watson will be committed to and only after careful on annihilation. Such a bomb try could survive an H-bomb ata California hospital for the cricould go to thousands or millions tack and effectively strike back. As to the wisdom of adding a major course in PE to OSC I have no opinion. What does concern me is the role of the chancellor in They said it will be difficult to It is reasonable to suppose that stockpile the bombs because they annihilation will not be achieved probably must be liquid hydrogen on earth. But it is no longer safe Oregon's higher institutional set-up. He is employed primarily as an educator with the specific duty at about 450 degrees fahrenheit nia resident, said Sheriff Young. to comfort yourself with dreams below zero. that men won't make the bigger

The scientists said, "Even if the

power were limited to 1,000 times of advising the board on educathat of a present atomic bomb, tional policies, to a certain degree combining the role of policeman the step from an A-bomb to an H-bomb would be as great as that Fire Destroys to maintain discipline among the institutions and diplomat to lubricate the machinery of higher from an ordinary TNT bomb (blockbuster) to the atom bomb,"

"We believe that no nation has

recalled that Chancellor Hunter

Snow Slide Flattens Janitor at Detroit School

Statesman Society Editor

The state board of higher education last week granted the request of Oregon State college to offer a major in physical education, previously assigned exclusively to the state university. The board's decision was contrary to the recommendation of the chancellor, Paul C. Packer who urged that the request be deferred until June, alease the also urged the proposed that the request be deferred until June, alease the also urged the proposed the proposed that the request because the also urged the proposed that the request because the proposed that the request of the proposed that the proposed that the request of the proposed that the request of the proposed that the request of the proposed that the proposed that

changes in course. He also urged sians'—will be much more powa tighter points en expansion of higher education in anticipation of some drop in enrollments and wipe out New York or any other lit is calculated that this redifficulties as to finance.

great city. Betrayal of Standards The state board accompanied its decision with a long statement in

chancellor, which is quite within its authority, where does that leave the chancellor? I am not concerned with Dr.

> The statement said also that new efforts to outlaw all weapons of mass destruction should be made "in all sincerity from both sides."

IDANHA, Feb. 4 - John Wiggins, Detroit grade school janitor, Victim of Cold Weather is recovering from leg injuries suffered when he was knocked down by a snow slide from the

A two-foot drift from the roof victim to the cold winter.

ing offered for its return. Lookout Tower Falls,

Rickreall Car

DALLAS, Feb. 4-An automo-

Rickreall, was completely destroy-

ed by fire early Saturday while parked at his residence. Cause of

Dallas volunteer firemen, who

answered the call, said the car

Firemen had their troubles, too

While enroute to the fire a 8 by

20 foot tarpaulin was lost from

one of the trucks. A reward is be-

the blaze was unknown.

was a total loss.

17 miles east of here has fallen District Fire Warden George

"I thought it was a vacant lot." Phone Strike Threats Doubling Up in Oregon; CIO Workers to Vote Soon

phone girls, including those in plan to picket major exchanges the Salem area, will take a strike (including Salem) and try to jam vote this week, but another strike, the dial system. set for Wednesday, may cripple for a bathless Saturday because the state's major telephone exchanges before the balloting is stallers' union picket lines would be respected by members of their The strike vote was ordered by union.

At one time the city's reservoir was emptied, but today it got back to 25 per cent of the normal amount, and Odle said this asthe CIO Communications Workers of America's Oregon division, of Salem telephone workers to It will be completed Saturday, cross picket lines would cripple Freezing of the reservoir's in- four days after the deadline set long distance calls, but would not take brought about the situation, for a strike by other telephone affect normal dial phone service which the mayor said still was workers over the country. The unless a dial-jamming move were critical. He urged residents to use union and the company have not tried or unless maintenance rebeen able to agree on an Oregon pairs were needed contract. The strike scheduled for Wed-

nesday may tie up telephones in President Joseph A. Beirne of the major Portland dealers said today Oregon, even though most work- CIO Communications Workers that they would increase the price ers do not walk out at that time. said today that a nationwide of eggs I cent a dozen Monday: the Installers and sales workers in the strike of Bell Telephone workers first upswing in long declining egg state-members of a different set for Wednesday now seems inunion-will strike at 6 a. m. Wed- evitable.

In Salem, CIO, phone union officials said Saturday night that in-

The union has called out 100,000

NEW YORK, Feb. 4-(AP)-Western Electric company installation

CIO Communications Workers of America, said the walkout would take place unless a wage dispute This Year

light showers today. High today Low tonight 26-28.