

Weather Conditioning Seen In New 'Pneumatic Bricks'

URBANA, Ill. (AP) — The engineering dream of weather conditioning entire communities by means of an air-tight dome has moved a step nearer reality with the invention of "pneumatic bricks."

Douglas County Naval Reservists On Cruise

Seven Douglas County naval reservists are now participating in a four-week training cruise in the Pacific Ocean. They are among 240 reservists from Washington, Oregon, Idaho and Montana who sailed this week from Seattle aboard three destroyer escort ships. They will return July 15.

Making the training cruise are seamen apprentices Gerald L. Heidrick, John R. Hughey, Clarence E. Boyd, all of Roseburg, and James E. Oghorn, Myrtle Creek; Lt. Cmdr. Hal W. Schillz, Myrtle Creek; and Lts. Forrest C. Loghry and Myrl Ross Barkhurst, both of Myrtle Creek. All are members of the Roseburg Naval Reserve Electronic Division 13-7.

The new, super lightweight building material was developed by Prof. Ambrose C. Richardson of the University of Illinois Architecture Department, and Maj. George W. McCauley of the U. S. Air Force.

The bricks are triangular plastic pillows about three feet long and

TUSKS UNCOVERED

PALISADES, Idaho (AP) — A jaw bone and a pair of giant tusks were uncovered at the Palisades dam project site.

William Donaldson, Idaho Falls, a worker at the dam, found them. He said the tusks were four inches in diameter at the small end and went up to 12 inches in diameter at a distance three feet from the point. He said he would seek help from Idaho State College in identifying the bones.

four inches wide. Air pressure of only two pounds keeps them firm. They can be built into almost any arch-shaped structure, because of their shape and extreme light weight.

If made from the newest plastics, such as polycoated mylar, their walls need be only half as thick as a human hair.

The material is the outgrowth of an earlier idea by Richardson for plastic pillows filled with helium and joined in domes.

McCauley developed the idea of shaping the plastic units as bricks which make the structure self-supporting, obviating the need for lighter-than-air helium. McCauley also devised interconnecting valves for quick inflation of an entire unit under pressure.

A unique feature of the valves is that any brick which swells a leak isolates itself when the air pressure drops below a minimum level.

McCauley, a World War II flier,

said Wednesday the new material could be used to provide a shelter for downed flyers in life rafts, or to provide protection from cold in Arctic regions. Such units could be used for temporary barracks. For peacetime uses, the inventors say such domes could be used as "greenhouses" covering entire fields and enabling farmers to grow several crops a year or could cover drive-in theaters, ball parks and stadiums.

U.S. May Have More Powerful Atomic Bomb

CHICAGO (AP) — Members of the Atomic Scientists of Chicago say the United States may possess a new, cheaper and more powerful bomb than the one recently tested in Nevada.

The ASC, a group describing itself as an organization of scientists concerned with the impact of science on public affairs, released the statement yesterday. "Scientists have suggested," it read, "that the hydrogen bomb detonated in the Pacific in March of 1954 was actually a new device, a hydrogen-uranium bomb yielding thousands of times the radioactivity produced by the atomic bombs tested in Nevada, or by simple hydrogen bombs."

A speech made at the University of Chicago June 3 by Dr. Willard F. Libby of the Atomic Energy Commission, the statement said, "was the first major speech to give sufficient information supporting this hypothesis."

The statement said Libby indicated that "ordinary, cheap uranium" was the major explosive content of the Pacific bomb and "the significance of this is held to be enormous."

"To physicists it means that Russia or any other country able to make ordinary atomic bombs can with little effort create super-weapons of the megaton (million ton) class," it added.

Polio Inoculation Lull Seen With New Regulations

WASHINGTON (AP) — With the peak polio season closing in, all signs pointed today to a continued lull in the immunization of school children against the paralyzing disease.

The stiffer safety standards required in making and testing the Salk vaccine appeared to be the reason.

Dr. Hart Van Riper, medical director of the National Foundation for Infantile Paralysis, said in New York that the Foundation's program to inoculate all first and second graders is "at a standstill until we can get some more vaccine."

A spokesman for the government's National Institutes of Health said no more releases of vaccine supplies are expected for at least a week or 10 days. Beyond that, a check of the six pharmaceutical firms licensed to produce the new vaccine indicated sizeable fresh supplies may not be available until mid-July. And it looked as though full scale distribution of the vaccine might not come until August or later. The polio season hits its peak in August.

Vital Statistics

Marriage Licenses

ANDERSON-DEISTER — Darwin DeLoss Anderson, Eugene, and JoAnn Deister, Roseburg. THORMAN-WEBB — Milton E. Thorman, Modesto, Calif., and Noell D. Webb, Roseburg. SPROUL-MORRIS — Gerald E. Sproul and Ethel Morris, both of Roseburg.

McCain — Copeland — Richard L. McCain, Los Angeles, Calif., and Faye Copeland, Oakland.

Waffer — McClelland — Gene Francis Waffer and Janet Louise McClelland, both of Camas Valley.

Pruitt — Dowdy — Rodney M. Pruitt and Mitzi K. Dowdy, both of Winston.

Boess — Read — William E. Boess and Arlene Kathryn Read, both of Roseburg.

Plummer — Pleas — John G. Plummer and Audrey B. Pleas, both of Sutherlin.

Divorce Suit Filed

NUFER — Joseph A. vs. Inez S. Nuffer. Married Oct. 9, 1951, at Reno, Nev. Cruel and inhuman treatment charged. Plaintiff seeks title to car, would give defendant right to trailer house.

Divorce Decrees

NIXON — Joy from Theodore Delbert Nixon.

Bernal — Emma from Walter B. Bernal.

Hatcher — Dixie from Owen A. Hatcher. Plaintiff awarded custody of two children, \$130 per month support.

Payne — Margaret Jewel from Levi Sherman Payne.

Brookfield — Eva Bernice from Henry Hartwell Brookfield. Plaintiff awarded household property; former name, Sumsline, restored.

Dunbar — Barbara L. from Archie C. Dunbar. Plaintiff awarded custody of one child, real property in Roseburg.

Moore — Ruth Marie from William Henry Moore.

Owen — Donna from Ray Owen. Plaintiff awarded custody of one child, \$35 per month support. Property settlement agreement confirmed.

Booth — Mary Louise from James C. Booth. Plaintiff awarded custody of five children, \$40 per month per child.

Shelton — Betty from Joseph Shelton. Plaintiff awarded custody of one child, \$35 per month support for same.

Wefrich — Lulu L. from Lester J. Welch. Defendant to pay all outstanding debts incurred during marriage.

Civil Service Announces Job Opening Examinations

Federal Civil Service announces an examination for organization and methods examiner and budget examiner in various federal agencies in Idaho, Montana, Oregon and Washington.

Examinations are also being given for powerhouse mechanic and operator with place of employment to be Corps of Engineer hydro-electric power plants in Oregon and Washington.

An examination will be given for cartographic survey aid to fill positions in the U. S. Coast and Geodetic Survey. No written test is required.

Application forms and further information may be obtained from the U. S. Post Office or Jack Calkins, Roseburg Post Office.

Shooting Attack On Navy Bomber 13th Incident

WASHINGTON (AP) — Records show the shooting attack on a Navy patrol bomber in the Bering Strait area last Wednesday was at least the 13th such incident in the past five years.

The other incidents outside war zones included these:

April 8, 1950 — Soviet fighters shot down a Navy patrol plane over international waters of the Baltic.

Nov. 6, 1951 — Navy patrol plane disappeared over international waters off Siberia after being fired on.

Oct. 7, 1952 — B29 disappeared on routine flight near Kuriles. The Communists said later that a B29 had fired upon them first.

Jan. 18, 1953 — Navy Neptune made forced landing in the Poros Strait off Swatow, China, after being fired upon by Communist shore batteries.

March 10, 1953 — B50 shot down in international waters off the Siberian coast.

March 15, 1953 — shooting match between Red MIG 15 fighters and an RB50 (reconnaissance bomber) 100 miles at sea off the Kamchatka Peninsula. The RB50 reached Elmendorf Air Force Base, Alaska, undamaged.

July 29, 1953 — B50 shot down over the sea of Japan.

Sept. 4, 1954 — Navy Neptune plane shot down 40 miles off the Siberian coast.

Nov. 7, 1954 — B29 shot down while flying over Northern Hokkaido, Japan.

Feb. 5, 1955 — Two MIG 15s which attacked one RB45 over international waters off Japan shot down by American planes.

May 10, 1955 — two MIG 15s shot down after 12 to 16 Red jet fighters jumped a formation of F86s in the Korean area.

Medical Insurance Plan For Pets Disapproved

MONTREY, Calif. (AP) — Nearly 400 veterinarians voted disapproval here of a proposed medical insurance plan for pets. They denounced it as "socialized medicine."

The vote followed a six page committee report to the California State Veterinary Medical Assn. on a Southern California proposal for a pet health plan.

The plan contemplated premium payments of \$25 to \$30 a year by pet owners, construction of a \$350,000 animal hospital in San Fernando Valley in Southern California and siphoning business to the central hospital by leasing the businesses of affiliated veterinarians, who would be placed on salary.

Thur., June 30, 1955—The News-Review, Roseburg, Ore. 5

Oregon TB Death Rate Shows Slight Upswing

PORTLAND (AP) — The decline in Oregon's tuberculosis death rate has changed to a slight upswing, the state Board of Health reported.

Dr. Harold M. Erickson, state health officer, said mortality from TB in six months of 1954 and 1955 had increased in comparison to deaths in the same span in 1953 and 1954.

There were 26 TB deaths in the first three months of this year, two more than the same period in 1954. In the last three months of 1954, there were 21 deaths, compared to 20 in the Oct.-Nov.-Dec. quarter of 1953.

Prior to the latter part of 1953, the state's tuberculosis death rate had dropped 77 per cent since the end of World War II. In 1947, the death rate was 22.2 per cent per 100,000 population. Last year, the rate was only 5.1.

New cases reported during the first three months of 1955 reflected a 7.8 per cent increase over the 1954 figures.

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