

### James Curley Reported in Fair Condition

BOSTON (AP) — James Michael Curley, 82, an almost legendary political figure, was reported in fair condition today after an emergency operation for a large stomach ulcer.

Curley, Democratic former governor, congressman and mayor of Boston, underwent emergency surgery last night for an ulcer described as "extensive in area with massive hemorrhage."

A City Hospital spokesman said Curley withstood the surgery "remarkably well considering his age and preoperative condition," which the hospital had termed "very grave."

Curley, whose political career spanned more than half a century, included two jail terms, was stricken with a circulatory collapse Thursday while hospitalized with two broken shoulders.

Curley, who risked his political career to support Franklin D. Roosevelt for president in 1932, served four terms as mayor of Boston, two terms as congressman and one as governor of Massachusetts.

He served his first jail term around the turn of the century for conspiracy in taking a Civil Service examination for another term. His second was for fraud in 1947 involving federal government contracts.

### Negro Wounded in Bus Shooting



MONTGOMERY, Ala.—A Negro woman was shot in both legs while riding a city bus in Montgomery tonight. The bus driver, W. H. Fullilove, ended on city buses a week ago. (AP Wirephoto)

## Secret of Fatima Prophecy Won't Be Revealed Until '60; Related to Pope?

By FRANK BRUTTO  
VATICAN CITY (AP) — Do the prophecies of Fatima relate to Pope Pius XII?

Many here think they do. But the secret of the prophecies will not be revealed until 1960, unless Lucia dos Santos dies before then. The only survivor of the three little shepherds who reported seeing the visions at Fatima 40 years ago, she now is a 51-year-old cloistered nun at Coimbra's Carmelite convent in Portugal, known as Sister Maria.

Whether the prophecies were revealed to Sister Maria or were her own, based on her experience, has never been disclosed. Part of the prophecies were made public in 1941. But the still secret portion is known only to Sister Maria, and, possibly, to two other persons—the Bishop of Leiria, her ecclesiastical superior, and the Pope himself.

The revealed portion of Sister Maria's prophecies forecast World War II and told of a possible conversion of Russia to the Roman Catholic faith. This conversion, however, was conditioned upon a sincere return of humankind to Christian life.

"Otherwise," said the prophecy of Sister Maria, "Russia will extend its errors throughout the world, promoting wars and persecutions against the church."

The second portion of her prophecy, Sister Maria said, was not to be revealed until 1960 or on the day of her death, "if it occurred before then."

Fatima, today one of Roman Catholicism's outstanding shrines

to the Virgin Mary, has a story now well known.

Until May 13, 1917, it was a group of huts near the village of Aljustrel, so tiny it did not show on maps of Portugal.

The Cova da Iria, where the shepherd children reported their visions of the Virgin, was a grassy slope. The children had paused to play and were building a hut when the sky suddenly darkened. They were about to run when—as they later told their story—they saw a beautiful lady in white.

Lucia, oldest of the three, found courage to ask her what they should do. The children were told to come the 13th of each month

to the same spot until Oct. 13, when, they were promised, something unusual would occur. The children's story spread.

Questioned closely by public authorities, they held to their story of the beautiful lady in white. They said they saw her the 13th of each month although others

there saw nothing.

On Oct. 13 some 50,000 gathered on the grassy slope. Many walked throughout a rainy night. In the late afternoon, while rumbles of disbelief increased, Lucia suddenly cried out: "Look at the sun."

The rain had stopped. Thousands later affirmed that they saw the sun revolve wildly, turn blood red in color and shoot toward the horizon. From that day the story of Fatima grew.

In 1930, after careful investigation, the Portuguese episcopate proclaimed the apparition of the Cova da Iria as being "worthy of faith" and permitting the cult of Our Lady of Fatima.

Meanwhile, death came to both Giacinta and Francesco Marto, the other two children who had experienced the visions. Lucia became Sister Maria Dolores.

Federico Cardinal Tedeschini, archbishop of St. Peter's Basilica, represented Pope Pius XII at Fatima's anniversary observance Oct. 13, 1951.

Cardinal Tedeschini said the Pope, walking in the Vatican gardens during the 1950 holy year, four times had experienced the vision of the sun as it had occurred at Fatima. Tedeschini's statement adds interest to what the unrevealed portion of Sister Maria's prophecy may contain.

So does one other fact. On the day that the three children announced their first vision, May 13, 1917, Pope Benedict XV was consecrating a 41-year-old monsignor bishop.

The young bishop was Eugenio Pacelli, now Pope Pius XII.

the burning quality in mustard plaster comes from sulphur.

### Fire Sweeps Dormitory at Naval Station

LONG BEACH, Calif. (AP) — Fire early Saturday swept through a two-story, frame dormitory building at the Terminal Island Naval Station, virtually destroying the structure.

Capt. Robert S. Clark, station commander, said the building was the bachelor officers' quarters and was occupied by about 45 persons, including three women nurses.

He added that "to the best of our knowledge" all escaped. Rosters listing the officers were burned in the fire, he said.

The Navy said the building, consisting of three wings, was about 90 per cent destroyed.

Units from the Long Beach and Los Angeles city fire departments assisted station personnel in fighting the fire.

The building housed about 300 officers when fully occupied, a spokesman said.

Firemen placed the damage in excess of \$200,000.

Briggs forfeits Bail

On Embracing Charge

EUGENE (AP) — Councilman-elect Robert T. Briggs, 24, forfeited \$5 bail Thursday in Municipal Court on a charge of "driving while embracing another."

Briggs, a bachelor, had previously pleaded innocent to the charge and the case was set for trial. Briggs said he had no comment on his decision to forfeit bail, instead.

### Cat Causes Car Damage

DALLAS, Tex. (AP) — The cat wasn't hurt, but David Situla, 16, skidded 26 feet, overturned, and slid 18 feet before grinding to a halt yesterday.

It all happened, David told officers, because he "swerved so I wouldn't run over a cat."

### MILITARY MEN AND VETERANS

**Home on Leave**  
AMITY (Special)—Sgt. Vernon Bantari is spending a 14-day leave from Camp Pendleton, Calif., at the home of his parents, Mr. and Mrs. Isaac Bantari, AOAN Kenneth Bantari, stationed at Whiteley Island, Wash., arrived home for last weekend.

**Complete Training**  
SAN DIEGO (Special)—Six Salem men have completed recruit training at the Marine Corps recruit depot here. They will now be assigned to Camp Pendleton, Calif., or to a Marine Corps school.

The men are Craig B. Fear, 1433 Baker St.; Donald D. Forcier, 1914 Broadway; Craig A. Gately, 975 Garnet St.; Michael R. Skaling, 888 N. Commercial; Bruce T. McKay, 1484 State; and David L. Timm, 1075 S. 22nd.

**Officer School Grad**  
NEWPORT, R. I. (Special)—Keith D. Lawrence, son of Mr. and Mrs. E. W. Lawrence, 4545 N. Lancaster Dr., Salem, was graduated from the Navy's Officer Candidate School here Dec. 14.

**Leave 'Boot Camp'**  
SAN DIEGO (Special)—Three Salem men have graduated from recruit training at the San Diego Naval Training Center. They are Jerry L. Jory, son of Mr. and Mrs. Louis L. Jory, 4245 Hager St.; M. L. Stickle, son of Mr. and Mrs. Leo B. Stickle, 3279 Triangle drive; and James R. Davis, son of Mr. and Mrs. Arthur Davis, 1980 Hazel.

**Salem Man Named**  
SAN DIEGO (Special)—Raymond D. Richard, son of Mrs. Frances Richard, 136 E. Brown, has been selected as an apprentice petty officer, the San Diego Naval Training Centre has announced.

**Fisher Promoted**  
WASHINGTON, D.C. (Special)—The Navy department has announced the promotion of Bobby C. Fisher, son of Mr. and Mrs. C. J. Fisher, 3645 D St., Salem, to air controlman third class. He is serving with the Airborne Early Warning Squadron 13, U. S. Naval Station, Argentina, Newfoundland.

**Serve on Bremerton**  
SEVENTH FLEET (Special)—Gene A. Mollenhauer, interior communications electrician second class, and George R. Waters, fireman, both of Salem, are serving aboard the heavy cruiser USS Bremerton with the 7th Fleet. The ship is on a six-month cruise in the Far East.

**Aboard Icebreaker**  
VALPARAISO Chile (Special)—Clarence D. Braaten, seaman, U.S.N., son of Mrs. Kelba Braaten, 330 Cunningham Lane, Salem, is aboard the Navy icebreaker USS Staten Island which has sailed for the Antarctic. The ship will participate in "Operation Deepfreeze II."

**Stationed in Italy**  
VICENZA, Italy (Special)—Army Pvt. William R. Stetler, son of Mr. and Mrs. Harry W. Stetler, Newberg, is stationed with the 510th Field Artillery Battalion in Italy. Stetler, who attended Newberg high school, entered the army in March, 1956.

**Multi-Engine Training**  
VANCE AFB, ENID, Okla. (Special)—Second Lt. Kenneth J. Krebs, son of Mr. and Mrs. William Krebs, 2415 S. 12th, Salem, is now in basic multi-engine pilot training here. A graduate of Willamette, he will get his wings after successful completion of this training.

## Scientists Produce Atom Energy Without Uranium or Great Heat

By RENNIE TAYLOR  
AP Science Reporter  
MONTEREY, Calif. (AP) — A new way of producing atomic energy, without either uranium or the million-degree heat necessary in present thermo-nuclear reactions, was announced Friday by a team of scientists from the University of California.

The energy produced so far by this process has come from the fusion of only a few hundred hydrogen atoms—barely enough to be measured with the most sensitive instruments.

Whether the method can become commercially useful, the researchers said, depends upon whether there exists, somewhere in the realm of matter, a certain type of nuclear particle which can keep the reaction going rapidly and upon the discovery of that particle.

The process was announced in a scientific paper delivered to the American Physical Society here by Dr. Luis W. Alvarez, who headed the discovery group.

Basically, the discovery is that an atomic particle called a negative mu meson can pull together the nuclei of a heavy hydrogen atom and a light hydrogen atom and fuse them into a helium atom.

In this fusion process, a little of the weight of the two hydrogen nuclei is converted into a tremendous amount of energy. This is fundamentally the same thing that happens in a thermo-nuclear reaction or an H-bomb blast. However, it takes the heat of a conventional atom bomb or that of a star's interior to bring about a thermo-nuclear reaction.

Temperature makes no difference in the new process. In the experiment, the reaction took place in liquid hydrogen, which has a temperature of about 400 degrees below zero.

The negative mu meson is one of an assortment of particles which come out of the nucleus of an atom that has been bombarded in a cyclotron or other similar machine. Like all charged particles, it makes a trail of vapor when it passes through a gas or a liquid which can be expanded and condensed rapidly. But it lives

only two-millionths of a second. Some turn into "mesic atoms," which have an affinity for heavy hydrogen atoms, which occur once in about every 5,000 hydrogen atoms. When the mesic and heavy hydrogen atoms join, they form a helium atom and release atomic energy.

But the lifetime of the mesic atom is too short for practical results, the scientist reported. To produce useful power, he added, there would have to be 100 million times as many mu mesons as have been observed taking part in these reactions. The alternative, he said, would be the discovery of a similar particle having a comparatively long life—something like 20 minutes—which could achieve billions of such fusion events in its career.

The Russian physicist, Alikhanian, has reported evidence that a long-lived particle exists but no actual discovery has been made. Dr. Alvarez said.

Baltimore Transit Co. announced that work has been under way for a year on an electronic brain which will draw up schedules, traffic loads and other information to be fed into the UNIVAC computer. The machine applies a formula and comes up with the schedules.

Baltimore Transit has submitted to the Public Service Commission 20 new schedules for 14 lines developed by the machine. They will go into effect Jan. 13.

LONDON (AP) — A British inventor says he has come up with a money bag that screams for two hours if it gets in the wrong hands. If that isn't enough, the money container also cuts loose with a stream of tear gas after waiting for two minutes.

Harry Adler, 64, the inventor, said trained messengers can control the bag by means of secret catches.

"But once out of his hands," he added, "the slightest movement sets off the alarm."

That goes on for two hours unless stopped by a special key.

### Transit Firm Uses 'Brain'

BALTIMORE (AP) — Automation has come to the rescue of the bus and streetcar rider — perhaps.

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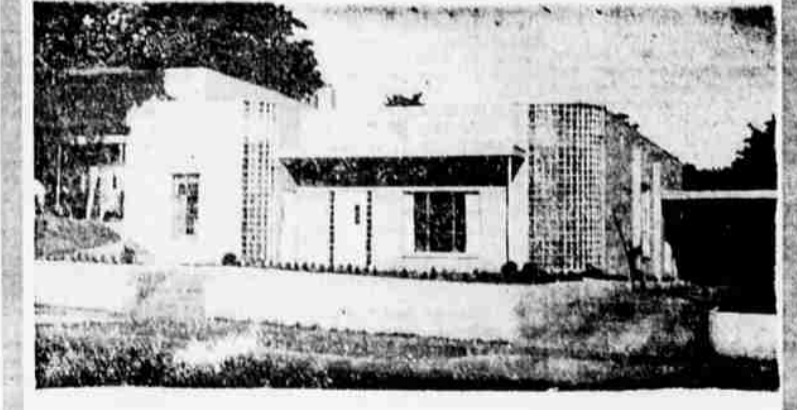
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### Director Wed To Patti Page

LAS VEGAS, Nev. (AP) — Singer Patti Page and dance director Charles O'Curran were married last night in a civil ceremony.

It was the second marriage for Miss Page, 29. She divorced Jack Skiba in 1948. O'Curran, 42, is the former husband of singer Betty Hilton. His first wife was Betty Jo Brown.



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