

TUCSON DAILY CITIZEN

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★ 10 CENTS—36 PAGES

TITAN SITES ANNOUNCED

Silos To Virtually Ring City

Titan missile sites—which ring Tucson except for the area east of the city—were announced by the Air Force today.

Only nine of the announced 13 Titan sites to be constructed were pinpointed. Exact locations of the other sites have not yet been fixed but the general areas where they are to be located.

The announcement came in a memorandum released at 1 p.m. from Col. William C. Bacon, senior commander at Davis-Monthan Air Force Base, and from Air Force headquarters in Washington, D.C.

Construction of the 580 million worth of missile facilities here will not begin for about six months and probably will not be completed until about three years from now, Air Force officials here pointed out.

The announcement covers 13 sites in the general area of Davis-Monthan, the north-Tucson area, the south-Tucson area, the west and east-Tucson areas.

In addition, three launch pads will be located between Mountain View and Benson to the southeast. Items said the base would be an average of 10 miles by highway from Davis-Monthan Air Force Base.

The announcement especially refers to the Titan missile sites. The Titan missile is a two-stage missile which is launched from a mobile launcher vehicle.

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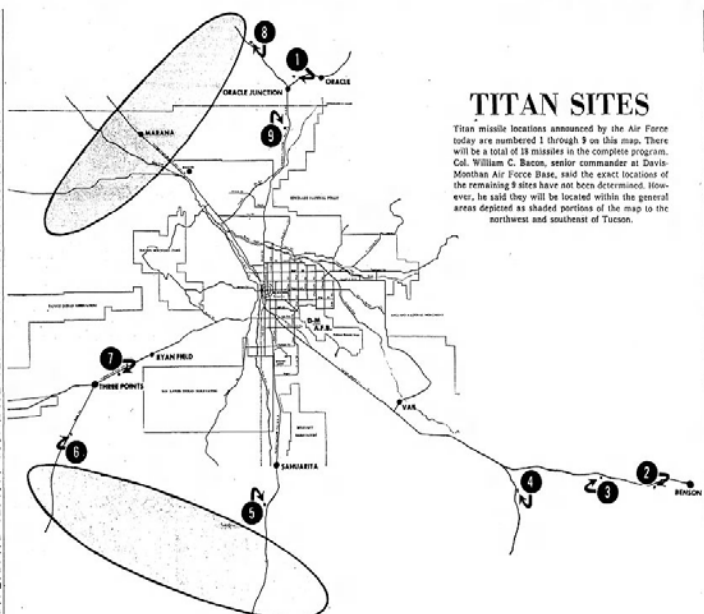
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TITAN SITES

Titan missile locations announced by the Air Force today are numbered 1 through 9 on this map. There will be a total of 13 missiles in the complete program. Col. William C. Bacon, senior commander at Davis-Monthan Air Force Base, said the exact locations of the remaining 5 sites have not been determined. However, he said they will be located within the general areas depicted as shaded portions of the map to the northwest and southeast of Tucson.



Pro-Ike Japanese Mobilize

TOKYO—Japanese conservatives today made plans to deny UNRRA Japanese to give President Eisenhower a rousing welcome, considering later demonstrations against his visit.

Prime Minister Nobusuke Kishi's Liberal Democratic Party and Japanese business leaders joined in a "National Welcome to Ike Committee" to ensure a warm and friendly reception when the President arrives June 13.

An organized reception for the President was made necessary by the fact that the Japanese government is still in a state of emergency.

Kishi, meanwhile, ignored a request by the Socialist minority to postpone the President's visit and instead opened a debate in the upper house aimed at final ratification of the treaty before Eisenhower's arrival.

The treaty permits continued American use of Japanese military bases for at least another 10 years but gives Japan more say in determining disposition of U.S. forces from Japanese bases.

The government planned to announce 10,000 military personnel would stay at Japanese bases.

Considers over the helping hand given to Japan by the United States and the Emperor Hirohito would use a closed session for the drive from the airport.

Japanese officials reported that Eisenhower would be met by the Japanese government.

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Rockefeller Assails Nixon, Invites Draft

NEW YORK—Sen. J. Lee Rankin, Republican of Tennessee, today assailed President Nixon's foreign policy and invited a draft of the GOP to draft Rockefeller for president.

Rankin's blast came in a statement to New York Republican leaders six hours after Senator White House talk with President Eisenhower.

"We must not continue taking pride in the past with taking pleasure of the present," Rankin said.

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Two Voodoo Jets Collide

CARROLLTON, Ill.—Two F-105 Voodoo jets collided in the air, exploded and crashed into a show arena miles east of this southeastern Illinois community.

Rain Front Goes Away

Thoughts of rain hopes in vain. The rain front that had been threatening Tucson for several days has moved away.

Pro-Ike Japanese Mobilize

TOKYO—Japanese conservatives today made plans to deny UNRRA Japanese to give President Eisenhower a rousing welcome.

Tucson Speller Eliminated

Camille Tompkins, 12, Arizona spelling champion, was eliminated today in the 30 round of the National Spelling Bee.

Patrolman Turns Mine Into Shelter

Patrolman turns mine into shelter for the Republican nomination.

It's Not The Money You Spend

It's not the money you spend that counts, but the way you spend it.

Old Hands But The Script Is New

Old hands but the script is new in the political arena.

INSIDE THE CITIZEN

Cities Seeking More Tax Funds

Cities are seeking more tax funds to improve infrastructure.

Patrolman Turns Mine Into Shelter

Patrolman turns mine into shelter for the Republican nomination.

It's Not The Money You Spend

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Old Hands But The Script Is New

Old hands but the script is new in the political arena.

Bridge

Bridge project in progress.

Crossroads

Crossroads project in progress.

Comic Strip

Comic strip project in progress.

Radio-TV

Radio-TV project in progress.

Sports

Sports project in progress.

Woman's View

Woman's view project in progress.

WEDNESDAY EVENING, JUNE 8, 1960

TUCSON DAILY CITIZEN

McDonald Will Continue 'Ring Around City' Probe

The question of where the Titans are to be located—upwind or downwind—has divided much of the Tucson community since the hour of the Apr. 19 announcement that the Titans were coming here.

Dr. James McDonald, University of Arizona physicist, and his Committee Against Ringing Tucson with Titans (CARTT) has fought long and hard to have the missiles placed downwind (east) of Tucson—or to find out why not.

They declared today they would continue to urge greater consideration of civilian defense and try to find out the factors behind the Air Force Program of building the Titan pads in a ring around U.S. cities.

A great deal of misunderstanding has been apparent in the haste. McDonald and his group have repeated over and over that they are not opposed to the stationing of missiles here and do not fear that the missiles will blow up on their pads or in their cement silos to do damage to the community.

In the course of the discussion the Air Force often has repeated the assurance that the triggering mechanism for the atomic warhead on the Titans is foolproof and the atomic bomb cannot go off by accident even though the rocket itself might blow up accidentally.

The CARTT case boils down to this: Prevailing winds here blow from west to east.

The Titans, representing part of the U.S. counterpunch of massive retaliation, would be among the first things the enemy would wish to destroy if he launched a

sneak attack on the United States. Davis-Monthan Air Force Base also would be a prime target, they concede.

Marksmanship with intercontinental ballistic-missiles is pretty good—the Russians and the U.S. too, have dropped them less than two miles from a target—and getting better all the time.

With more accurate shooting comes smaller atomic warheads, because it is economical to use only the charge necessary to do the job, CARTT experts say.

So, the committee contends, it is possible that D-M and the sites could be hit with atomic missiles in the first big attack, and many people in Tucson would survive the blast and heat effects.

But the group says if explosions take place upwind from the city the survivors will be wiped out by radiation shortly after the wind blows the lethal fallout over the city.

So, put the sites downwind, McDonald and his crew have argued. They have never received a direct answer to this argument from the Air Force, except for the Air Force claim that defense officials have carefully taken the fallout danger into consideration in locating the sites.

Various governmental sources have said classified information is involved possibly on the expected strength of atomic attack. It has also been firmly established that economic factors are involved.

This much is known: The Air Force wants to put Titans here because the air base already is established as a headquarters and communications center. The ring around the community and air base is an economical way of putting the mis-

sile launching sites as close as possible to the base, while keeping them, for their own protection under attack, as far away from each other as possible.

They must also be near major roadways because of the great weight of the missiles which must be trucked in. In addition the crews manning the launching areas will make their homes at the air base or in the city.

The CARTT group has explained its position to several groups and governmental bodies locally and has sent material to many government officials and congressmen.

Three weeks ago Air Force officers issued statements to the effect that the missile bases—\$80 million worth—might have to be located elsewhere because of the lack of "enthusiastic response" in Tucson. They added that without missiles D-M would become useless and also be removed, as manned bombers were phased out of the defense picture.

Mayor Don Hummel went to Washington and discussed the problem with Gen. Curtis LeMay, deputy chief of staff of the Air Force and gained his agreement to send a team of missile experts here to assure a selected group of local community leaders the fallout problem was being considered.

This is presumably the same group that was briefed prior to the announcement of the locations at D-M today.

The earlier meeting was suddenly called off with the Air Force explaining that it had received assurances from several local groups that the city would have confidence that the Air Force would locate the bases safely.

Members of the CARTT have charged in public that five prominent local men went behind Hummel's back to assure congressmen that a hearing was not wanted or needed here.

Hummel has maintained throughout the discussion that McDonald and his group do not know all the factors involved and that the community should have faith in defense officials to do the job right since they do have all the facts.

However, he felt the originally scheduled hearing would help assure the community and urged

that it be held. Although he has consistently supported the Air Force position in public, it has been rumored by City Hall sources that he was disappointed when the meeting was called off and unhappy that a group may have gone behind his back to have it canceled.

Meanwhile several local groups have sent open messages to Washington expressing confidence in the Air Force in the location

haste. Included are: The Serotina Club, Young Democrats, American Legion Luncheon Club, Pima County Republican Women, Retail Trade Bureau, Chamber of Commerce and Women's Civil Defense Council.

The Young Republicans passed and later withdrew a resolution supporting the Air Force and branding McDonald as "misguided."

None of the McDonald group was invited to the briefing at D-M today.

Titan Bases To Spur Business

Continued From Page 1 been supporting a missile job at Point Arguello—the Navy's Pacific missile base—with road building. Two weeks ago it was beaten on a contract for hardened Atlas missile sites at Vandenberg. But it will be a very interested bidder at Tucson.

Sundt and the many other bidders should have their figures ready by the fall, Victor Buschmeyer, project engineer of the Corps of Engineers which is in charge of the missile bases, said today.

"Until such time as the design is formalized for the particular locations, I couldn't tell you how long the construction period will be," Buschmeyer said. "This is based on conditions encountered at each of the sites."

In other words, digging the hole in the ground will be a major part of the work—though one in which this mining area is experienced.

The Corps of Engineers now is in the process of drilling nine test wells for water for the missile bases.

And finally after all the missiles have been put to bed, Tucson merchants can expect the business of 1,200 missilemen and their families.

Titan Bases Announced

Continued From Page 1 as identification. The two broad elliptical areas show the general sections where the other nine Titans will be located.

ATTACKING THE site locations today, McDonald said that a nuclear attack on the nine sites would ensure a lethal fallout on Tucson for close to 90 per cent of all days of the year.

Furthermore, he contended, the only high speed evacuation routes from Tucson would be cut completely by an attack on the sites near highways.

Eighteen individual Titan sites rather than six clusters of three, each as originally announced, "will make it three times worse for civilian defense than we have been told," McDonald continued.

"They are safer militarily," he said, "as they are harder to attack. But they will draw three times the total megatonnage of enemy fire."

He added, "The sites preclude evacuation and will ensure such fallout radioactivity as to force the civilian population to take underground shelter for 4 to 6 months before it would be safe to come out for brief foraging for food."

McDonald estimated that the cost of the elaborate kind of shelter required for the civilian population would exceed \$25 million.

IN CONCLUSION, McDonald posed the question:

"Why does the Air Force insist on basing its justification on an improbable combination of all the very worst possibilities? They ask us to trade a situation where there is a good chance of survival for part of the population for a situation where there is no chance for anyone in Tucson?"

He said that the Committee Against Ringing Tucson with Titans would increase its protest efforts.

In the press briefing, Bacon refused to discuss fallout at all.

He said, "All considerations have been made in detail as to the safety of all the people."

Bacon was asked about the viewpoint expressed by the Committee Against Ringing Tucson.

"All that has been taken into consideration," Bacon said.

When pressed on exactly why the sites were chosen as they were, Bacon said, "You are getting into technical matters which I am not going to answer. I am not going to tell you why we put them (the missile sites) in a ring around the city."

When asked how soon the projects could be started, Bacon said, "We expect to get into action in about six months."

Here's a rundown of the individual locations as nearly as they

can be described from the map released by the Air Force today.

THE MISSILE SITES are set up in general complexes of three, with each missile situated at least six miles from the other two in its complex. Three complexes already are pinpointed. All the sites are located near major roadways.

The first complex is north of Tucson in the general vicinity of Oracle Junction.

Missile 8 (these are the Air Force project numbers) is about six miles northwest of Oracle Junction on the Tucson-Florence highway.

Missile 1 is some five miles northeast of Oracle Junction on the road to Oracle.

Missile 9 is about four miles south of Oracle Junction on the road to Tucson.

The southwesterly complex takes in both the Three Points and Sahuarita area.

Missile 7 is about three miles east of Three Points on the Tucson-Ajo Highway.

Missile 6 is about six miles southwest of Three Points on the Sasabe road.

Missile 5 is four to five miles south of Sahuarita, near Continental on the Nogales Highway.

The southeasterly complex puts missiles on the Benson Highway and the Sonoita road.

Missile 4 is about three miles south of Mountain View on the Sogito road.

Missile 3 is about ten miles west of Benson on the Benson Highway.

Missile 2 is some four miles west of Benson on the Benson Highway.

THE TWO potential areas where the other nine Titans will be located are elliptical patterns between 20 and 30 miles from Tucson.

One is located to the northwest and generally encompasses Marana.

The other is located to the southeast and lies generally between the Ajo road and the Nogales Highway.

The 18 bases will be manned by two squadrons of missilemen—about 1,200 men altogether.

THE MEN and their families will live at D-M or in the city. The men will commute to the missile locations to do their shift of duty. The bases will be manned 24 hours a day. There will be no permanent living facilities at the bases.

The sites will be tied to a command center at D-M by a complex electrical control system and firing control will be located at the base.

The ring pattern of locations around the city and D-M is dictated to some extent by the high per-foot cost of the communications and control system and also by the need for the men to commute.

THE RING allows the missile

complexes to be located well away from each other, for their own protection, and still keeps them within a reasonable distance of the city and the central control point at D-M.

Land characteristics were another factor in site selection, according to the Air Force. One of the reasons for not locating any of the bases in the San Pedro Valley, due east of the city, is that there is an underground water supply that makes the underground Titan installations almost impossible to build.

Other reasons for the locations are classified, according to the Air Force. A select group of community leaders was given a closed-door briefing on missile location matters prior to the general announcement today.

The Titan missile itself is not yet considered operational by the Air Force although successful test shots have been made at Cape Canaveral.

The Titans, built by the Martin Co. of Denver, are fueled by a kerosene-type liquid which is mixed with liquid oxygen to make a hot rocket fuel.

The warhead is a version of the hydrogen bomb, its explosive power has not been disclosed.

The Titans are one of the U.S. intercontinental ballistic missiles. They can fly easily the 5,275 nautical miles over the frozen north to Moscow.

Presumably they will be zeroed in on specific enemy targets, ready to fire in the event of an attack on the nation.

TITANS TRAVEL at a speed of 17,250 miles an hour.

The storage facility will be a cement-lined tube, or silo, in the ground, constructed to stand enemy nuclear bombing. Only a direct hit by an enemy bomb would knock them out, defense officials have said.

The silos are 165 feet deep. The doors that close the hole in the ground weigh 120 tons each.

The missile itself is 90 feet long and weighs 110 tons. It will be fired from its underground position.

Once the missile installations

are built there will be little to see above ground. The entire complex, plus the work, storage and control rooms are completely underground.

In some installations near other cities, the individual silos of a complex have been linked together with underground tubes. The Air Force did not specify that would be done here and such a setup seems doubtful since the individual tubes are at least six miles from each other.

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AF Confirms What City Certain Of

In talking today of the many factors that lie behind the selection of a Titan missile site, Col. William C. Bacon, Davis-Monthan senior commander, emphasized one: The land must be relatively free of water down to a depth of 150 feet or more.

If there's excessive water, the colonel said, the silo walls probably would collapse after a missile is fired.

Further explaining why there were no sites selected to the east of the city, Bacon said: "Those boys knew what they were talking about. There's plenty of water in the San Pedro."

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