Marshall Islander's Death Tied to Fallout

By WALTER SULLIVAN

day of leukemia at the Na-size.

moved in Cleveland last week. tional Institutes of Health in According to Dr. Gilbert W. At least one was found harm-Bethesda, Md., after an inten-Beebe of the National Research less, or "benign." Mr. Anjain

fallout from a hydrogen bomb normal. explosion over Bikini Atoll, 100 miles to the west.

kemia, which is known to be, Islands.

Death Rate Is Up

have had they not been ex-blood corpuscles. posed to radiation from the bombs.

ou from nuclear weapons tests, ber of leukemia deaths has identified at a less advanced.

The victim was a 19-year-old been estimated at 330, comRongelap islandern amed pared to 230 to be expected. It was this last visit that disAnjain, who died last Wednes- in a normal population of equal closed the thyroid nodules re-

sive effort to stem rapid prog-Council, a participant in the and one of his five brothers had ress of the disease with chem-study, the incidence reached had such nodules removed. One icals.

its peak seven or eight years brother, at school in Hawaii,

Mr. Anjain was one of 64 after the bomb blasts. How was brought to Bethesda as a inhabitants of Rongelap Atoll ever, he said yesterday, the blood donor during the effort who were subjected in 1954 to leukemia death rate cannot yet to save Mr. Anjain's life. 'snowfall" of fresh, heavy be said to have returned to

Islanders Health Checked

Over the years, the islanders Robert A. Conard, a specialist that in this case it was a result parent effects of their exposure in radiation effects at Brook- of fallout exposure. Two of them, for example, haven National Laboratory, and The explosion that showered were operated on in Cleveland his colleagues have been paying fallout on Rongelap, when Mr. now none had contracted leu-lace of 61 islets in the Marshall ing vessel Lucky Dragon. How-

in some cases, a long-delayed. The most obvious effect of none of the 23 men on board consequence of radiation ex-the exposure, Dr. Conard said have died of radiation-related yesterday, has been the devel-disease. The device fired over opment of thyroid nodules. Bikini was reportedly the first They have been surgically re-deliverable hydrogen bomb. It is estimated that of 284-moved and often found to be 000 survivors of the atomic of a harmless type. On the last bomb attacks on Hiroshima and visit, in September, Lekoj An-Nagasaki, about 100 have died jain was found to have a some-lap some 4 or 5 hours after of leukemia who would not what depressed count of white the explosion and continued

even lower count and he was emitting gamma rays so pene-Since 1950 the Atomic Bomb flown to Brookhaven, where the trating that if a person was diagnosis was myelogenous leu-indoors or outdoors, probably kemia. A hospital plane took made little difference in his exhim to eBthesda, where the posure, Dr. Conard said, most advanced chemical ther-Such "close-in" fallout is parapy was administered.

clinical center of the National cays rapidly and becomes harm-Il Institutes of Health, with Stew-less within a few hours. The n art Alsop, the columnist, who total exposure of the islanders 8 was in with lobar pneumonia, was believed to have been 175 a Mr. Alsop's column in News-rads (a dosage unit) which Dr. e week on Oct. 30 was on "Lekoj Conard added, had not been extand the unusuable weapon." pected to produce a high leu-

The visit to the islanders in kemia incidence. September was delayed six. In addition to those at Ron-months, reportedly because of sclap and aboard the Lucky suspicions raised by a repre-Dragon. 18 on Ailingne Island sentative of the Marshallese in were also exposed, but the the Micronesian Legislature, doses were estimated at only who charged that the American about 69 rads. Any dose in exmedical team was not being cess of 600 rads is considered candid about its mission.

To prepare the way for the Rongelap islanders were evacu-September trip two Japanese ated and they did not return physicians and another from until 1957.

Casualty Commissional Japa-Britain were included in the nese-American agency - has party, and this apparently re-The first known death from been following somewhat less assured the skeptics. Had the a disorder typical of radiation than 100,000 survivors of the visit been made earlier, howexposure has occurred among bombs dropped on Japan. From ever, it is possible that the those subjected to heavy fall-their histories the total num-leukemia case might have been

Dr. Conard pointed out that it was never possible to fix the blame for the onset of a disease like leukemia. However he said

last week to remove thyroid periodic visits to check on the Anjain was a year old, was nodules, which have been a health of the Rongelap island-the same that rained radiation typical manifestation. But until ers. Rongelap Atoll is a neck-material on the Japanese fishlever, according to Dr. Conard, The most obvious effect of none of the 23 men on board

10 Hours of Fallout

for 10 or 12 hours. The primary A follow-up test showed an exposure was from particles

py was administered. ticularly dangerous because it. He shared a room, at the is still rich in material that de-

almost invariably fatal. The

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