

**HALTS PROGRAM**—City Health Director Dr. J. C. Geiger of Oakland, Calif., places quarantine label on Salk polio vaccine which was to be administered to school children starting May 2. In Washington, the U. S. surgeon general ordered all Salk polio vaccine made by Cutter Laboratories withdrawn from public use after numerous cases of paralytic polio developed among children inoculated with it.

**A Nichol's Worth of . . .  
 Comment On This and That**

By HARMAN W. NICHOLS  
 United Press Feature Writer

Washington — (U.P.) — The phone tinkled in the press room at the White House. Milt Freier of United Press Pictures took it off the cradle.

"This is Franklin Johnson the Third," Freier heard. "Do you happen to have a pad of matches that were passed out at the Eisenhower - Nixon inaugural dinner?"

Milt didn't have one on him, but smelling a story he said he would look around. He took down the man's name and number.

Then he called me.

**Search Starts**

I started a search for that rare match pad. First I called Jim Haggerty, the President's press secretary. He looked around and talked to Mr. Eisenhower and reported back that if the President ever had one in the file someone must have smoked it up. The folks at Vice-President Richard M. Nixon's office had the same report. The lovely Dorothy Cox, in the vice-president's office, looked and looked and all she could find were pads of book-matches from other places in the world.

And so the search went from one Republican Party committee to the go-around of every Republican senator and representative aboard. Either all were heavy smokers at big banquets or collectors of rare match pads.

**Go To The Source**

Nobody, it seems, had what the man Johnson needed to complete his collection of Eisenhower

**Thailand Minister To Visit Eisenhower**

Washington — (U.P.) — Thailand Prime Minister, Field Marshal Pibul Songgram arrives here today to confer with President Eisenhower.

The prime minister's reception group at the airport included Vice - President and Mrs. Richard M. Nixon and Secretary of State John Foster Dulles.

There were indications Pibul would discuss the current Viet Nam situation with the President when he meets him at the White House. Thailand borders on Viet Nam.

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**Cases of Polio in Vaccinated Children Doesn't Mean Protection Not Provided**

(Editor's Note: The United Press science editor tells in the following "polio primer" how polio viruses enter the body, incubate and infect. He explains in layman's language why some children who have received the first Salk shots can be expected to be stricken with polio during the summer through no fault of the vaccine.)

By DELOS SMITH  
 United Press Science Editor  
 New York — (U.P.) — Parents can be absolutely positive that some children who have been vaccinated with the Salk anti-polio vaccine will be coming down with polio all summer long.

But this won't mean that the vaccine failed to protect them from polio or that the vaccine gave them polio. It has to happen because of the way polio viruses behave inside the human body and the way in which the body's "immunological chemistry" behaves.

Take the behavior of the viruses first. They get into the body, usually through the mouth. But nothing happens at once, because there are not enough viruses to do anything. Before anything can happen, the invading viruses must multiply their numbers many fold.

That multiplying usually goes on in the gastro-intestinal tract. It takes time. The time it takes is called the "incubation period." It is usually 10 to 14 days. But there are proven cases on record in which it was as short as four days and as long as 30. Viruses are tricky, but you can't expect them to follow a rule.

**No Signs of Illness**

Now suppose a child has polio viruses incubating in him. The doctor with the vaccinating needle can't possibly tell because the viruses are not yet in sufficient numbers to produce any sign of illness. Nor can the vaccine get his immunological chemistry into gear soon enough to protect him from the viruses which are being incubated.

The reason it can't simply that it doesn't work that fast in response to a vaccine—any vaccine. The immunological chemistry of the body is that part of the blood-making and blood-maintaining chemistry which produce and keep in the blood stream the tiny particles called antibodies which make us immune to infectious diseases which we have had and from

which we have recovered. The purpose of a vaccine is to do the same thing as the illness would have, but without any of the risks of the illness. It, too, stimulates this chemistry into producing enough potent and lasting anti-bodies to protect the body from an invasion of the disease causing virus or other infecting agents for which it is specific.

**Second Shot Necessary**

But the first "shot" of the Salk anti-polio vaccine produces comparatively few antibodies, not nearly enough to turn back an invasion of live viruses into the blood stream. It mainly "sets up" the immunological chemistry, as a factory is tooled up. The second "shot" of vaccine gets the tooled up factory into production, and this production mounts steadily toward a peak which takes at least several weeks and may take longer.

Returning to the viruses incubating secretly in the child who has just received the first "shot" of the Salk vaccine, those viruses haven't been touched because they are not yet in the blood stream. That is the "barrier" which they must cross in order to get to the central nervous system and cause paralytic polio by attacking nerve cells. If the blood stream is swarming with anti-bodies against them, they won't get across the barrier when the incubation period is over and their numbers are large enough for the try.

But the blood stream won't be swarming with the antibodies on the basis of one "shot" of vaccine, unless the child already had a case of polio caused by the same type of virus which are incubating that had been so light it had passed without being noticed.

**Summer Polio Season**

Such cases as this hypothetical one are bound to happen because

of the nature of the polio viruses. The more consistently warm the

**Maritime Union Wants Employers To Set Up Fund**

New York — (U.P.) — The CIO National Maritime union has served notice that it will make an industry-wide, employer-financed unemployment fund a "major objective" in contract negotiations with the shipping industry expected to open early in May.

"Since unemployment is an integral part of the maritime industry, maintenance of a fund to ease the impact of unemployment should be made an integral part of your costs of doing business," NMU President Joseph Curran said in a letter to the shipping companies.

**Insurance Inadequate**

Curran said an industry fund was necessary because unemployment insurance benefits are "inadequate to meet the needs of the seaman on the beach and his family" and are "hedged with restrictions which are unfair and unrealistic, particularly as concerns seamen."

The union said his nation's "prime objective" in the proposal was to provide for the "maintenance of a stable force of trained seamen adequate to meet the needs of the industry and of our country."

NMU contracts with deep-sea ship owners expire at midnight June 15. The union already has notified the companies of its desire to open early negotiations but no dates has been set yet. It is expected talks will begin early in May.

weather, the more the viruses in circulation and so the more polio cases there are. That is why summer is the "polio season."

It starts first in the deep South and works northward with the lengthening days and the hotter sun. Thus, the closer to the "season" that children are vaccinated the more the chance that some few of them already have polio viruses incubating within them.

And when you're vaccinating children by the tens of thousands, and the plan now is to keep right on vaccinating them through the summer, there are bound to be cases of polio following first "shots" of vaccine. It's in the cards but these cases won't mean that the vaccine failed to protect; and they certainly won't mean that the vaccine gave them polio.

Everyone should know, too, that there probably will be some cases of paralytic polio among children who received two "shots" of vaccine. Last spring's mass "evaluation test" showed that the vaccine used then was 80 to 90 per cent effective against paralytic polio, which means that it was not a preventer of the disease in 10 to 20 per cent of the vaccinated children. But this year's vaccine is a better one. The expectation is that it will be even more effective than last spring's. Indeed, Dr. Jonas E. Salk, the vaccine's developer, expects it to be 100 per cent effective when "properly prepared and properly used," but barring the extremely few people who are constitutionally unable to develop antibodies efficiently, no matter the stimulation.

New York — (U.P.) — Adm. John Henry Towers, the "father of naval aviation," died in St. Albans Naval hospital here Saturday of cancer. He was 70 years old.

**France, Germany Pass Final Pact Obstacle**

Bonn, Germany — (U.P.) — ed diplomatic sources said the France and Germany swept aside the last obstacle to French ratification of the Paris treaties Saturday night by agreeing to operate jointly the huge Roehling Steel Works in the Saar.

The agreement was reached in a two-day meeting here between West German Chancellor Konrad Adenauer and French Foreign Minister Antoine Pinay.

Under their plan, the Roehling family would sell out its entire interest in the great steel mills which produce one-third of the Saar's steel output. Inform-

**WRONG SCHOOL**

Redlands, Calif. — (U.P.) — Mrs. Walter Baumann's name was placed on the May 20 ballot as a candidate for Redlands High School trustee. She is seeking the post of trustee of the Glenn Oaks School District.

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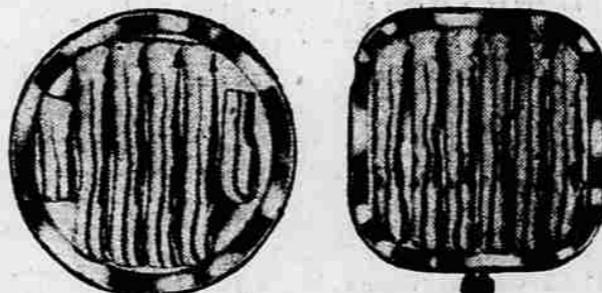
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