



COL. RUPERT C. WELCH, base commander, left, and Col. Leon W. Gray, PADS commander, perform cake cutting ceremonies to mark the second Portland Air Defense Sector Commander's Conference held recently at Kingsley Field. Commanders and key staff officers from Adair AF Station, Corvallis, Portland International Airport and five radar sites visited Kingsley for the day-long conference.



MAJ. VICTOR H. PRARAT, commander, 408th CAMRON PR, presents, left to right, Larry K. Kyle, James E. McQueen and Ruben A. Kirby with orders announcing their recent promotion to staff sergeant. One hundred and seven airmen received promotions during the February promotion cycle.



LAST INSPECTION climaxing a military career of more than 20 years service to his country was conducted last week by T.Sgt. Alvin H. Kluth during his formal retirement ceremony held at Kingsley Field. Maj. Patrick A. O'Connell, left front, commander, 827th Radar Squadron, accompanied Sergeant Kluth during the inspection.

Sgt. Kluth Is Retired In Formal Ceremonies

T.Sgt. Alvin H. Kluth, a member of the 827th Radar Squadron at Kingsley Field, was recently presented with a "Certificate of Retirement" during formal retirement ceremonies held in his honor.

Sergeant Kluth, retiring after completing more than 20 years military service, was born Aug. 30, 1911, at Limrock, Tex. He entered the service from the National Guard on Nov. 18, 1940, at Seguin, Tex.

During his military career, Sergeant Kluth served overseas in Africa, Italy, England, Japan and was placed on temporary duty in Norway and Scotland. He was

awarded the 11 decorations during his career.

The orders announcing his retirement cites Sergeant Kluth for having given faithful and conscientious service to his country. His standards of leadership and conduct have proved an excellent example for those who have associated with him.

Sergeant Kluth, who is single, will make his home in Seguin.

PLACE TO READ

LONDON (UPI) — Dame Edith Evans said upon flying into London in a transatlantic jet: "They make perfectly quiet reading rooms, these jets."

Radiation Study Aimed At Food Keeping Problem

OREGON STATE COLLEGE — To make possible long-term storage of present short shelf-life food items will be one of the aims in using a new irradiation facility at Oregon State College.

Sterilization by radiation offers the first promising new principle of food sterilization since Appert discovered the art of canning in 1809.

Dr. C. H. Wang, professor of chemistry and chairman of the campus Radiation Safety Committee, said with the new \$20,000 cobalt irradiation facility, it will be possible for OSC scientists to subject foods to 3,000 to 500,000 roentgens of radiation an hour. Five hundred roentgens will kill a man.

By using smaller doses of irradiation (radio-pasteurization), the bacterial population of micro-organisms can be reduced 90 to 99 per cent without causing undesirable changes in food.

In past years, OSC has done considerable irradiation research on meats and seafoods. This research will be expanded and other work on genetic changes in insects, irradiation damage to plastics and other materials, and radiation decomposition of chemicals will be started.

Ironically, in recent research, OSC bacteriologists have isolated a bacteria that can withstand an unusually large irradiation dosage.

The cobalt irradiation instrument is only about 3½ feet high and 2½ feet in diameter. For safety, the cobalt 60 irradiation source is shielded with one foot of lead. The radioactivity is in 12 cobalt pencil-like rods measuring one-half inch in circumference and six inches in length. The 12 pencils can be moved as a unit towards an irradiation chamber.

The cobalt 60 source will be half exhausted in 5.5 years. The irradiation equipment will be fenced off in a campus building. It was purchased by the departments of food and dairy technology, bacteriology, chemistry and agricultural chemistry.

An irradiation operations committee will schedule the use of the cobalt 60 source.

DEBS NEED GUARDS

LONDON (UPI) — The Countess of Dundee said she has handed together with other mothers of debutantes to hire strongarm men to guard against "crashing bores" who barge into parties.

CLEAR AS MUD

LONDON (UPI) — Asked how the filming of "Cleopatra" was proceeding, Hollywood film mogul Spyros Skouras replied: "We are making wonderful progress — it is just that we haven't started yet."

Kingsley Field News

KINGSLEY NEWS is a bi-weekly publication produced as a cooperative effort between the Office of Information at Kingsley Field and the Herald and News, in the interest of Air Force personnel and their dependents.

OSC Picked As Summer Science Work Center

OREGON STATE COLLEGE — science teachers, \$65,600. Dr. Stanley Williamson and Dr. Fred Fox, directors.

Teachers selected to take the training will receive \$75 a week, plus tuition and fees and some travel and dependent allowances. All U.S. high school and college teachers will be given information about the institutes planned at top colleges around the country and will then have an opportunity to apply at the school of their choice.

They are part of a giant program organized by National Science Foundation to "improve science and mathematics teaching, to increase the U.S. supply of top-flight scientists and teachers, and to stimulate greater interest among young people in science."

OSC was named to give these institutes:

A six-week chemistry institute for 50 college professors, under a \$49,500 grant. Dr. A. V. Logan will be director.

An eight-week mathematics institute for 50 junior high, high school, and junior college teachers, \$44,200. Dr. A. R. Poole, director.

An eight-week institute for 50 junior and senior high school

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