

# Dental Radiological Health Clinic Is Held in Medford

"Hereditary material is the most precious trust we have. We must see that it is handed down in the best possible form," is the message emphasized here Tuesday night at the Dental Radiological Health clinic conducted for dentists at the Rogue Valley Country club.

That Oregon is a leader in a campaign to make this possible was made clear by the clinic participants, representing the United States public health service and the Oregon state board of health in the field of radiological health.

The clinic, arranged to provide Oregon dentists with supplementary training in the basic principles of reducing ionizing radiation exposure to patients and operators in dental procedures, was one of a group being held throughout the state.

That radiation is dangerous to the human being, that hazards are real, and that dentists have a professional responsibility in the protection of humanity against these hazards was explained in talks, demonstrations with equipment, and films.

"Dentists have a professional responsibility because they use radiation and the medical and dental use of radiation produces a major part of the radiation exposure to human beings," it was stated.

"Continued use of radiation

for diagnosis and treatment is essential in modern dentistry and medicine," the speakers repeated, stressing the need to acquaint all people with the safeguards that are set up, so that they will be willing to take advantage of the diagnostic findings made possible only by x-ray.

The hazards which can result from radiation were not minimized by the clinic. Radiation can produce genetic changes, malformation, cancer, leukemia, high blood pressure, sterility and death, it was pointed out.

"There are both short term and long term effects from radiation," Dr. R. Neal Edwards, of the division of Radiological Health of the U. S. public health service, Rockville, Md., declared. He showed a film which demonstrated more clearly his contentions.

"Exposure to radiation is biologically undesirable," Dr. Ray W. Alcox, also of the Radiological Health division of the U. S. public health service, stated.

The then pointed out that it is necessary to reduce to a minimum the amount of radiation while still obtaining good diagnostic radiology. Recommended for achieving this were the use of filters (aluminum discs), collimators, and high speed film.

Offices, he stated, can be

constructed to provide some of this needed shielding, materials such as concrete blocks are helpful, he noted. Dr. Alcox also advised the use of leaded aprons, particularly for women of child bearing age and children. California, he added, has passed legislation requiring the use of leaded aprons.

They'll Do It Every Time



Concentrating the radiation beam to a small area, as is done by dentists, lessens the radiation danger, he pointed out, and demonstrations were presented to illustrate this possibility.

The advances made by Oregon in protecting people, patients and dentists, by reducing radiation, were described

by James E. Mecca, B.S., radiological health, state board of health.

The state checks all x-ray machines operated in medical and dental offices. The program started in 1956 after the passage of legislation financing the state board of health to make a study of the needs. In 1961 additional legisla-

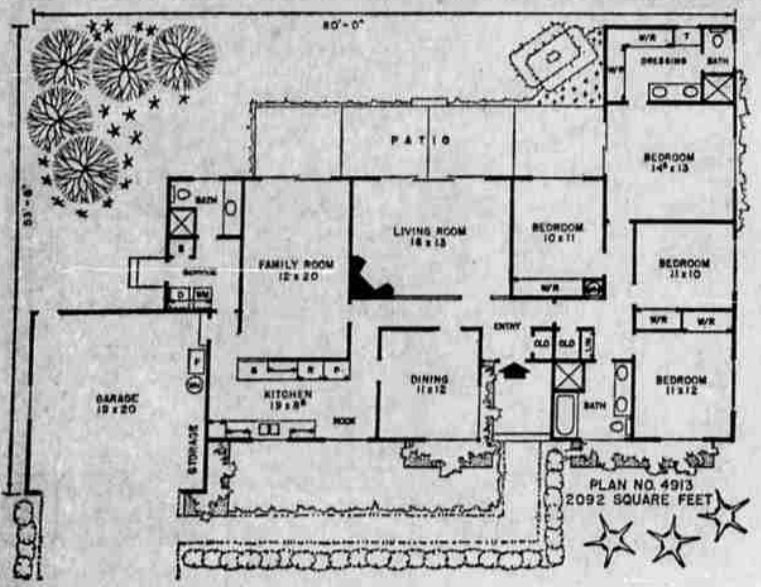
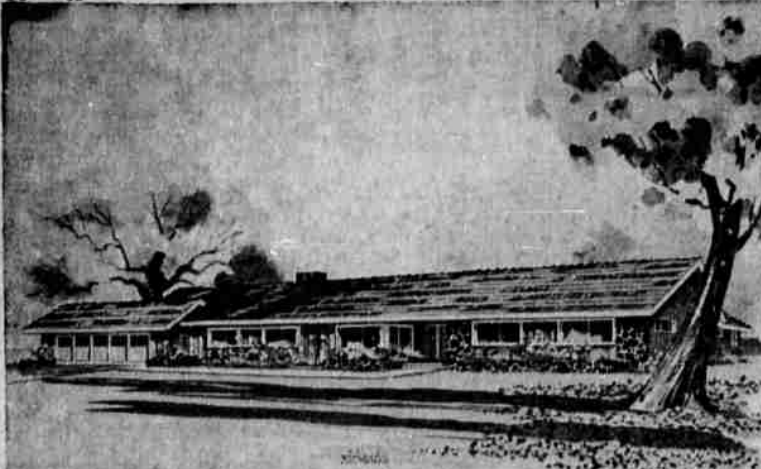
tion was passed making the program the responsibility of the state board of health. This radiation law enabled the state board of health to write the licensing and inspection of isotope users in the state and to look into the industrial as well as medical users of x-ray in addition to the dental program.

The "biggest thing we can do," Mecca said, "is to alleviate the public fears in the different areas. It doesn't help the healing arts or research to have people ban x-ray entirely."

Many of the machines are now designed with the desired equipment for reducing radiation, Mecca explained. The state team, however, has had to modify 7 per cent of the machines that have been checked in the program. It is easily possible for operators to add the proper lead washer and aluminum filters desired to the x-ray unit, he stated.

In September or October, the state board of health will issue a report, Mecca volunteered, analyzing all the findings.

Others speaking at the clinic were Dr. Simon Kinman, division of radiological health, U. S. public health service, and Dr. David M. Witter, Dental Health section, Oregon state board of health. The next clinic will be held at Coos Bay May 20.



## This Week's Plan for Home Builders

By HIWATHA ESTES

Todays more people are beginning to realize that the more important rooms should be located at the rear of the home so as to be able to enjoy a garden view and plenty of sunshine in privacy. Here, indoor-outdoor areas blend visually and physically through either glass doors or windows from the family and living rooms and two bedrooms.

The planning stage of your home is the best time to provide for the comforts you will want in the years to come. It is also the most economical time to do it rather than plan additions at a later date. The four bedrooms and three baths offered in this home will accommodate a large family with adequate space remaining to take care of occasional guests.

Along one side of the wide, roofed front porch is a planting area where lush foliage and flowers add to the beauty of the entrance. The generous size entry is well lighted by a pane of glass next to the front door and from the sliding glass doors in the living room. The center hall offers direct access to every section of the house.

A kitchen nook, formal dining area and the patio furnish three different kinds of eating areas, all of which are convenient to the kitchen. Note how the door leading from the kitchen to the dining room has been located so foot traffic will not cross the nook and so very little of the kitchen can be seen from the dining room. A wide pantry supplements the already large amount of storage area. A partial wall at the rear of the built-in range opens to the family room. A short hall connects the service, kitchen, garage and family room.

### Senate Tax Plan Draws Objection

Salem—Opp—The House Taxation Committee has expressed unanimous opposition to a revenue-raising plan approved Monday by the Senate Taxation Committee.

The expression indicated a deadlock between the two houses that is almost sure to send the state's tax program to a conference committee for final decision.

This design is certainly not lacking in baths. A combination bath and dressing room are part of the master bedroom suite. A family bath has both tub and shower while a complete bath is accessible from the service. All of these baths feature pullman lavatories.

To create a more contemporary design, there are no offsets in the front wall of the house. This also helps keep the depth of the house to a minimum so it can be constructed on a relatively shallow lot.

Complete working drawings for this plan can be purchased at a cost of \$7.50 for the first set and \$3 for each additional set when ordered at the same time. This plan will be available at these prices until Sept. 12. Please allow two to three weeks for delivery. The following home plan books are also available: *Hallmark Homes*, \$1; *Award Homes*, \$1; *Town and Country Homes*, \$1; *Homes for Living*, \$1; *Homes of Distinction*, \$1; *Ranch and Modern Homes*, \$2. All books are \$7 value, only \$5. Send all orders for either plans or books to Hiawatha Estes, post office box 404-T, Northridge, Calif.

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