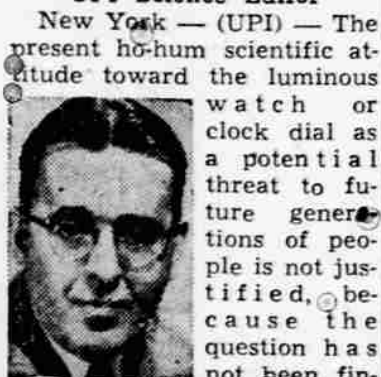


Radium on Luminous Dials Viewed as Threat by Scientists

By DELOS SMITH
UPI Science Editor



Delos Smith

New York — (UPI) — The present ho-hum scientific attitude toward the luminous watch or clock dial as a potential threat to future generations of people is not justified, because the question has not been finally settled.

That is the opinion of a scientist who specializes in what radiation from X-rays, radium, natural "background" radiation from cosmic rays, and, of course, from the "fallout" of atomic and hydrogen bombs do to human bodies, especially their reproductive chemistry.

Dials shine in the dark because they are touched up with radium. The scientific question is: Does such a tiny amount of radium radiate enough gamma rays to mess up the reproductive chemistry of the person wearing the watch?

Finds Tiny Amount

The luminous dial question was dealt with by Dr. W. F. Libby, member of the U. S. Atomic Energy Commission, and by the British Medical Research Council. Libby's investigation found that the continuous gamma radiation of a watch increased the natural "background" radiation to which the wearer was subjected anyway, by only five per cent. The British investigator put the amount much lower — at about one per cent.

Libby suggested that the radium on a watch dial was one microcurie, which is an extremely tiny amount, but he doubted that the average watch dial had even that much. The British investigators figured that the average dial had only one-fifth of a microcurie.

The question now has been reopened by Dr. J. L. Haybittle of the Radiotherapeutic Center of Cambridge, England. He measured, more from curiosity than for any other reason, the gamma rays emitted by a "modern shock-proof, self-winding watch," and found they added up to 2.2 microcuries of radium. Thereupon he measured the gamma rays from the watches of eight other scientists in his laboratories and found the amounts of radium on their dials ranged from one-tenth

of one microcurie to one and two-tenths microcuries.

Should Be Reduced

The low official British figure "may be substantially correct," he said in a report to the technical journal, "Nature," but "there exist watches containing at least 10 times this average amount of radium." Since one-fifth of a microcurie or even less will make a dial shine in the dark,

then why should watch-makers use any more? he asked.

In itself even the largest amount would cause no scientific concern, if this were not the atomic age. But it is, and so all gamma radiation which reaches the reproductive glands of people of the reproductive ages, no matter the source, should be reduced to the absolute minimum, he said.

Quotes From the News

By UNITED PRESS INTERNATIONAL

Paris—General Charles De Gaulle, threatening to quit unless the balking National Assembly quickly approve his constitutional reform plan:

"If the National Assembly . . . opens a long drawn-out discussion on the constitution, this government would have no point in existing and another would have to take over from it and carry on this debate."

Chapel Hill, N.C.—Editor Norman Cousins of the Saturday Review, opining that the nation's "cultural ambassadors" are doing a better job than their political ambassadors in creating good will abroad:

"In the struggle to uphold the good name and reputation of the American people throughout the world, our cultural ambassadors have now become our most important and effective frontline forces."

Winston-Salem, N.C.—Educator Kenneth I. Brown, contending that our educational system is too soft, and that the superior student goes through school unchallenged and ignored:

"Our boasted education for all may be in part the cause of juvenile delinquency."

Memphis, Tenn.—Elvis Presley, explaining why he doesn't plan to make any records during his present 14-day furlough from the army:

"We had a long session before I was inducted. That should hold me for a while."

Reter Says IAA Is Working To Relax Trade Barriers

Raymond R. Reter, president of the International Apple Association, told members of the Medford Rotary club yesterday that the association and the Fruit Export Council are working for relaxation of artificial trade barriers between this country and other nations.

Reter, president of Reter Fruit company, Medford, described the IAA as the oldest trade organization in the fruit industry and noted that its membership represents 22 different countries. He explained that the function of the organization was to work on marketing, traffic and tariff problems of mutual concern to the

world fruit producer.

The IAA president said that prior to World War II the export market consumed 45 per cent of the winter pear production and 28 per cent of the apple crop. With the collapse of this outlet, American growers were spurred to develop domestic markets.

Promotional Activities

Reter described the promotional activities of the IAA, the Oregon-Washington-California Pear Bureau and similar trade organizations in increasing fruit consumption in the United States. A short film on the growing, packing and use of pears was shown.

Some success in re-establishing the world markets for pears has been evidenced in the last year, and a total of 1,200,000 boxes of last year's crop were exported.

Biggest prime obstacle in the path of reviving export markets is the lack of free dollars in the world markets and resistance of "green front" foreign production groups to imports from the U.S.

Every problem faced by the IAA has a direct effect on the economy of business in the producing districts, Reter said, and encouraged the Rotarians to acquaint themselves with these problems. The success or failure of growers and shippers can have a real impact on the merchant on Main street, Reter said.

WASH TEACHER DIES

New York — (UPI) — Aaron Freilich, former chairman of the mathematics department at Lafayette High school, in Brooklyn, died on Sunday at Liberty, N.Y. Freilich, 65, wrote many mathematics text books and was a mathematics lecturer at Brooklyn college.

Graduated this year, is working as secretary at the Red Blanket mill.

Mr. and Mrs. Ed Town and children moved to Brookings over Memorial week end. They will operate a trailer court there.

Cub scout pack meeting to be held Wednesday, June 4, at the community hall.

Actress Charges Studio in Lawsuit

Hollywood — (UPI) — Actress Gloria Grahame accused 20th Century Fox of trying to make her play a bit role today in a \$100,000 damage suit on file in Superior Court.

The academy-award winning performer was sued for \$12,330 last November by her studio which claimed she had agreed to take a part in a picture, accepted money for it and then changed her mind.

Miss Grahame answered in a cross-complaint, filed Monday, that the part offered her was Suzanne in the film, "A Many Splendored Thing." She said the part was so small it would have hurt her professional standing.

The actress also charged the studio had agreed to alter the script, making her part larger, but then had refused to do it.



PINT sized Jacques Duclos, leader of French riots against General de Gaulle marches in Paris.

Portland Loan Firm Loses Cash To Thief

Portland — (UPI) — A gunman who wore an Ivy league style sport car cap escaped with a "considerable" amount of money from the Hollywood branch of the Local Loan Co., here late Monday, police reported.

Amount of money taken was not disclosed. The holdup man entered the office shortly before closing time and handed the clerk, Jean Houseman, a note saying it was a holdup and asking for cash. She said the man pulled back his sport coat, showing a pistol in a shoulder holster.

The man grabbed the money and dashed out of the office on foot. Police said they believed he had an accomplice waiting in a car.

PROSPECT Last PTA Meeting Held

By MICKIE LARSON

Prospect—Prospect Parent-Teacher association held its last meeting of the year May 27 in the High school home economic room. Installation of officers for the coming year was held. They are president, Mrs. C. Hedgpath; vice president, Mrs. W. Anderson; secretary, Mrs. C. P. Wilson, and treasurer, Mrs. E. Burrill. Out-going officers were president, Mrs. Darwin Bevins; vice president, Ralph Young; secretary, Lola Chapman, and treasurer, Mabel Hedgpath.

Commencement for grade and high school were both held Wednesday evening in the High school gymnasium.

The grade school students returned to their rooms Thursday morning for report cards, before being dismissed for the summer.

Mr. and Mrs. Ray Mallard were visitors in Portland recently.

Mrs. Raymond Artmire and daughter, Frances, moved to Medford last week end. Mrs. Artmire will receive medical treatment while there.

Mr. and Mrs. Vegie Matthesen of Ontario, Ore., were overnight guests recently at the home of their son and daughter-in-law, Mr. and Mrs. Bruce Matthesen. Veren went with her grandparents to spend part of her vacation with her great grandparents who live at Fortuna, Mr. and Mrs. John Matthesen.

Mr. and Mrs. Bruce Matthesen and son, Denny, left May 28 for Portland and Ontario, where Denny will spend part of his summer vacation visiting his grandparents, Mr. and Mrs. Vernie Matthesen.

A Stanley party was held May 27, at the home of Mrs. James Slack. Those present were Mrs. Charles Denny, Mrs. Bill Betts, Nancy Acory, Mrs. John Spencer, Mrs. John Hakkerup, Mrs. Raymond Artmire, Mrs. Vera Smeader, Pat Goodman, Mrs. Paul Struck, Mrs. Bob Krell, Mrs. LaRoy Struck and a friend from Hood River, Mrs. Dick Larson, "Snooks" Beck.

SUMMER TYPING

8 Weeks—June 9th to August 1st

8:00 a.m. to 11:00 a.m.—5 days per week

MINIMUM AGE 12 YEARS

ENROLL NOW!

Do two-thirds of a School Year's Work in 8 Weeks

ROBERTSON SCHOOL OF BUSINESS

40-42 No. Riverside, Medford

Phone SP 4-264

Mann's
MEDFORD

Salute to Summer!

WONDERFUL

WASH & WEAR
PRINT COTTONS

with
fashions
for
fun

AT LEFT: BOW TRIM, SUR-
PLICE NECK LINE, SLEEVELESS,
WITH MATCHING DRAW
STRING BAG. Sun Orange
and Tropic Blue. Sizes 12-20
and 14½-22½.

7.98



AT RIGHT: SCOOP NECK, SLEEVELESS, PEARL
BUTTONS ON SHOULDER, WITH NAUTICAL
STRAW HAT BANDED IN FABRIC OF DRESS. Sun
Orange and Tropic Blue. Sizes 10-18.

7.98

READY-TO-WEAR SECOND FLOOR — USE YOUR

CHARGE PLATE

SOMETHING NEW
FOR THE GRADUATE OR JUNE BRIDE



FAMOUS MARTEX
CRITERION
DECORATOR
TOWELS

BATH SIZE

1.98

Hand Towel . . . 1.19

Wash Cloth . . . 45¢

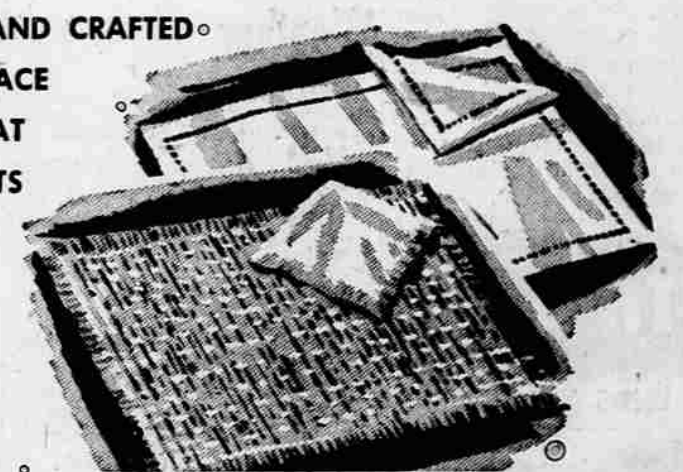
Bath Mat 5.50

Lid Cover 2.00

Tub Mat 2.79

Terries45

HAND CRAFTED
PLACE
MAT
SETS



Hand woven look, in all colors with
contrasting napkins. Some with lurex
trim. A perfect gift anytime!

3.98-4.50

16-PC. STARTER SETS OF
MELMAC PLASTIC
DINNER WARE

NEW!
ELEGANT!



Everlasting beauty. Won't chip, won't break—
safe in dishwashers — It's guaranteed.

16-pc. Solid Colors 16.95

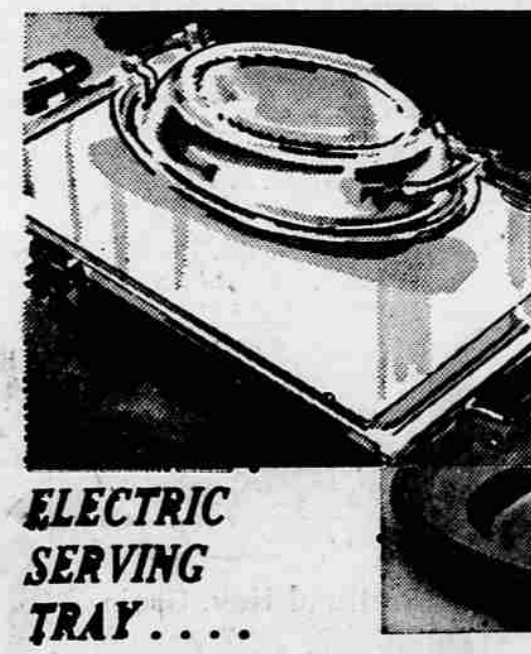
16-pc. Decorated . 18.95

A GIFT THAT WILL LAST and LAST
STAINLESS STEEL

by INTERNATIONAL

Today's most useful tableware for practical
"oven-to-table" service. Won't rust,
tarnish or corrode.

SERVING TRAY . . . 14.95
FOOTED PLATTER WITH WELL . 16.95
RELISH DISH WITH GLASS LINER . 6.95
DOUBLE SERVING DISH . 14.95



ELECTRIC
SERVING
TRAY . . .

Give your cooking the serving it de-
serves. Keeps food hot, while you wait,
where you dine. A wonderful gift idea
for the new bride!

Mann's
MEDFORD

Remember Father's Day—Sunday, June 15th