

ATOMIC ENERGY INDUSTRIAL USE SEEN FAR AWAY

Leaders See Stumbling Blocks in Cost and Control —Questions Unanswered

By T. W. Kienlen
United Press Correspondent
New York, Aug. 8.—(U.P.)—It will be a long time before atomic power comes into every-day use. Our leading industrialists agree on that almost unanimously.

In time—a long time—it will be developed for peaceful purposes," said Dr. M. Lelyn Branin, technical consultant of the Bituminous Coal Institute. It will undoubtedly be generations before the atom will make all the nation's steel, power the nation's locomotives, generate the electricity or furnish the billions of hours of industrial horsepower that coal does now, let alone heat the nation's homes."

Like Lightning
Charles W. Kellogg, president of the Edison Electric Institute, said atomic power in its present stage of development was akin to lightning.

"We all know what lightning is, and can do, but we haven't learned yet how to control it," he said.

Most agreed with Dr. W. A. Gibbons, research director of U. S. Rubber Company that "for the generation of large quantities of power and to overcome the geographical limitations in obtaining power, atomic energy seems to be the answer." But they did not think the day of atomic power would be soon.

One stumbling block is the cost. It was pointed out that in wartime only can a \$2,000,000-000 experimental cost such as that on the atomic bomb be borne.

Much To Learn
The weekly bulletin of the Anthracite Institute, whose members control \$400,000,000 worth of mines, commented:

It has been stated that coal could produce over 3,000,000 times as much energy if used atomically, instead of combustion. Obviously this would revolutionize the generation of heat and power, since at this ration, one-sixth of an ounce of coal would equal the annual average full requirements of an average home, and twenty tons would replace current annual anthracite production.

"However, there are three unanswered questions which lead to the prediction that it will be many years before the breakers are torn down to make room for atomic factories.

"The first is, can atomic energy be controlled and directed? The second is that uranium and the other materials now reportedly being used all have the heaviest, most complex atoms which are relatively unstable and comparatively easy to split. Carbon, on the other hand, has one of the lightest, least complex atoms, which would indicate much greater stability. The third all-important question is how much it would cost to process a piece of coal, or, in fact, any other material into a form that made it capable of heating a house."

Prediction Recalled
There was little tendency in industry, however, to belittle the ultimate effects of atomic

power. It was recalled that Brig. Gen. David Sarnoff, president of the Radio Corporation of America, said in a speech to the Association of Commerce in Chicago, Jan. 30, 1941, that "the most important event" of 1940 was "the isolation of the atomic component of the element uranium, known as U-235."

He predicted then that "when the latent energy of the atom finally becomes universally available, it will run factories; light, heat and refrigerate homes, furnish power for everything from a ocean liners to pocket radio transmitters and receivers."

DRUNKEN MINORS FOUND IN RAID ON DANCE HALL

Suspension of the license of the Wagon Wheel dance hall in the Griffin Creek district is under consideration following investigation by the juvenile office, a representative of the Oregon Liquor Control Commission and sheriff's deputies Saturday night, according to District Attorney George Neilson.

Robert M. Elder, Jackson county juvenile officer, said boys and girls ranging up to 17 and 18 years old were found in intoxicated condition at the hall Saturday night. One boy, 17, was arrested for drunk and disorderly conduct and illegal possession of intoxicating liquor and was given 30 days in the county jail when he appeared before Judge W. P. Tucker earlier this week.

Three other youths, all 17, were arrested Saturday night when they engaged in a fight at Lillie's Place, 1182 Court street. The trio had just arrived from the dance hall, police said. They also were charged with drunk and disorderly conduct and illegal possession of intoxicating liquor and are serving 30 day jail sentences, also.

Elder said 15 boys and girls, all under 17, have been cited to appear with their parents in juvenile court next week on charges of drinking intoxicants at the Griffin Creek dance hall. Youths from all parts of the county were found at the establishment, Elder said.

Similar conditions exist in various dance halls and other places of amusement in the Medford area, Elder said, and attempts will be made by law enforcement officers to eradicate the conditions in the near future. Elder warned that a stiff penalty will be received by persons selling liquor to juveniles or buying it for them.

Stores Closed By Row With Clerks

San Pedro, Calif., Aug. 8.—(U.P.)—Residents of this city, Wilmington and Torrance today faced the prospect of being able to shop only in stores selling food, liquor and shoes.

All other stores closed late yesterday after a dispute between San Pedro Businessmen Association and the Retail Clerks Union Local 905, A.F.L., who called a strike because of a dispute over wages and other benefits.



You take the high heel and I'll take the low heel
And we'll be in fashion together!
For both styles are pretty, and many ration-free
In the newest colors, fabrics, and leather!

SPEND YOUR SHOE STAMP WISELY — BUY YOUR SHOES AT PENNEY'S

SCHOOL SHOES ARE READY

For Light Hearted Feet
Girls' Sport Oxfords

2.49

Feet will fly... and she'll fairly skip to school... when she's wearing service sport oxfords in antique finished russet! Nice with sport clothes, school clothes and slacks. Elastic front gore, leather sole. The wedge rubber heel is a grown-up style effect. Sizes 12-3 ABC.



T-Strap Party Pumps!
GIRLS' SHOES

2.98



Black Patent Leather Pumps go to parties with ruffle dresses and hair ribbons. These have soft rubber heels, French bound edges, and Sanitized* linings to keep her active feet healthy!

Well Worth a Coupon!
GIRLS' OXFORDS

2.49 - 2.29



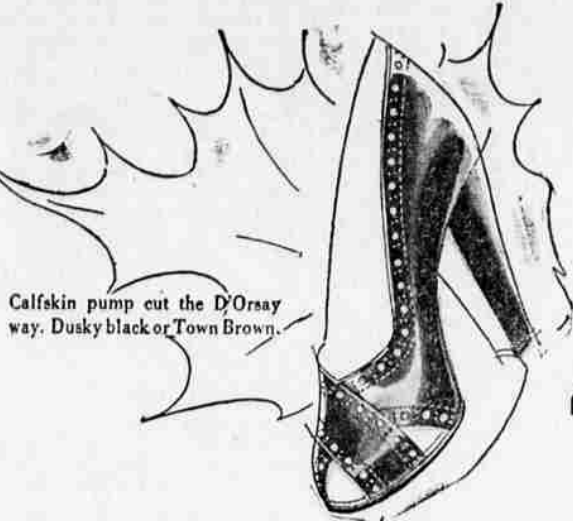
For school-time and play-time comfort! Flexible oxfords in vibrant army russet leather with Sanitized* linings for perspiration control. Sturdy retan soles and rubber heels. Sizes 12/3 2.49
Sizes 8 1/2 to 11 1/2 2.29

For Growing Feet!
GIRLS' SHOES

2.49 - 2.29



She'll love going to school in these flexible, sporty oxfords! In rich army russet, with Sanitized* linings for foot health, plus sturdy retan soles and rubber heels! Sizes 12/3 2.49
Sizes 8 1/2 to 11 1/2 2.29

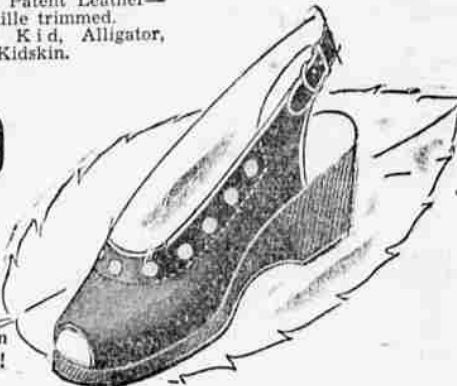


Calfskin pump cut the D'Orsay way. Dusky black or Town Brown.

4.49

CYNTHIA DE LUXE Now Showing! NEW FALL SHOES

Calfskin — Town Brown, Turftan, Black. Suede — pumps, sandals, dressy casuals. Patent Leather — plain, faille trimmed. Crushed Kid, Alligator, Calf or Kidskin.



Dressy suede on casual platform goes to school and to business!

NON RATIONED! Wooden Sole Sandals 4.98

Sandal Clogs in White or Brown
Sizes 11 to 7



D'Orsay Scores Again!

WOMEN'S SHOES

\$4.49

A smooth fit in a D'Orsay pump! There's new eye appeal in the cross strap and the open toe. Brown or black calf.



A Sandalized Summer!

WOMEN'S SHOES

\$3.49

The American Look! Smooth black suede with the new sandalized vamp and open toes. They'll take you into action comfort-first!



For Beauty that's Basic!

WOMEN'S SHOES

\$3.49

Brilliantly successful — style and comfort combine in these smartly designed step-ins! A basic shoe for all ages. Low heels. Turftan kip.

HOUSE SLIPPERS

FOR ALL THE FAMILY
NON RATIONED

Girls' Slippers

Pretty enough to delight a little girl's heart—and the soft sole construction will appeal to Mother's practical side. Unrationed in sizes 11 to 3.

1.49



Women's Slippers

Pamper those tired feet prettily! Ease them into these smartly styled rayon bengaline cross strap slippers. Extra comfy soles of soft spongy cork rubber!

2.49



NON RATION SHOES

WHITE PUMPS

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Nailhead Trim, Smartly Styled

You simply must wangle a sandal for yourself this-summer. And Perky!



The "wrap" pump, perched on a cushion-platform that's kind to your feet!

BLACK LIZARD SANDALS

3.49

If you are a doer — always on the run — you'll appreciate the cool lightness of these non-rationed sandals. Fashion-wise lizard. Plastic soles.



RUGGED POPLIN Cossack JACKETS 4.59

Snug fitting—wind and shower resistant—slash pockets. Sizes 36 to 46.



Classic masculine lines in cotton poplin, rayon inside. Dark brown. Size 36 to 46. 6.90

Men's Work Suits 3.35

We've waited a long time for these — Get your needs now.

Sizes 36 to 46

3.35



8-Inch LOGGER SHOES 6.90

Heavy double weight composition soles — logger last—black oil tan uppers. Sizes 6 to 11.

Penney's Main Floor



BABY NEEDS CLOTHES TOO

Sturdy CRIB BLANKETS 1.98
Satin binding, Jacquard pat.

Baby Boys' KNIT SUITS 2.98
Strpd shirt, suspender pants

SHAWLS to Shelter Him 1.98
All over pat. pastel, fringed

Knit Sacque of pure wool 1.49
Dove-soft col, in open styles

Becoming BOOTIE Sets 1.98
Fancy design, new, qual. wools.

NEW RUBBER PANTS 55c

New Milkyway seamless, washable baby pants—lots of stretch, the best we've been able to offer for some time.

Flannel Diapers 12 for 1.35



Penney's Second Floor



GRACE MOORE
Star of the Metropolitan Opera says!
"I have used Arrid for years and like it immensely...and I notice that Arrid is used by many of my friends in the stage, screen and radio world."

New Cream Deodorant
Safely helps Stop Perspiration

- Does not irritate skin. Does not rot dresses or men's shirts.
- Prevents under-arm odor. Helps stop perspiration safely.
- A pure, white, aniseptic, stainless vanishing cream.
- No waiting to dry. Can be used right after shaving.
- Awarded Approval Seal of American Institute of Laundering — harmless to fabric. Use Arrid regularly.

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THAN ANY OTHER DEODORANT

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PROMPT AND DEPENDABLE

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