

Recalls The 1920's As Days Of The Scientific Revolution

By ALTON BLAKESLEE
WASHINGTON (AP) — Dr. Glenn S. Seaborg is a lowering of the scientific curtain which recalls well how things used to be back in the 1920s when he was a teenager.

Those were the days of crystal-set radios, a few homes with those non-fangled "electric feeboxes," model "A" Fords purring along to doom the model "T's," Lindbergh trusting enough in a flying machine to drone across the Atlantic alone and friends or relatives dying from pneumonia, blood poisoning and other "hopeless" infections.

It also was a time when ideas and discoveries were coming from men's minds and research to see what Dr. Seaborg calls the scientific revolution.

Today, the teen-ager accepts as commonplace such things as television in virtually every home, jet air travel, polio vaccines, tiny transistorized radios, astronauts zipping around the earth and taking aim at the moon, nearly instantaneous photography and many other developments undreamed of a generation ago.

"The scientific revolution is really only beginning," says Dr. Seaborg, Nobel laureate in

chemistry, former chancellor of the University of California, now chairman of the United States Atomic Energy Commission.

THINGS TO COME
In another 25 years, he speculates, teen-agers and adults may not give an eyebrow over having two-way wristwatch radios, their own computers to aid their studies or to automatically translate foreign languages into English, vaccines against cancer, dining on totally synthetic foods, reading books from electronic libraries via closed-circuit TV into their living rooms and flying to Europe in one or two hours or taking skiing holidays in the Antarctic.

Wearing clothes of special material once or a few times, and then throwing them away, watching astronauts depart or return from Mars with nuclear-powered rockets and being safe from hurricanes or tornadoes because scientists have learned how to prevent disastrous storms.

With all the good it is bringing, the breathless Dr. Seaborg says, the revolution is creating new social, economic and political problems. Dr. Seaborg says, "Many adults feel lost, unable to comprehend.

That feeling is not new. Even in the 1930s, there were proposals for a "moratorium on science" to allow time to digest and adapt to new discoveries and their implications.

But whether we like it or not, we can't stop this revolution," Dr. Seaborg believes. "If we tried to slow it down, we would run into serious difficulties."

SUPPORTS ECONOMY
"Our economy and standard of living would decline. So would our position in the world and our ability to defend ourselves.

"Other countries, including the new young nations, know they must become part of this scientific age also."

In the field of education, Dr. Seaborg hopes for better general courses to give non-science students and understanding of science.

"More and more, the ability to hold a regular job will call for a scientific background."

4 FLEE EAST GERMANY
HANNOVER (Reuters)—Four young East Germans, including a 22-year-old East German army sergeant, escaped to West Germany Tuesday, police reported here.

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10 The Guardian, Charlottetown, Mon. Sept. 21, 1964.

Early Agreement Hoped Between Air Canada-CPA

OTTAWA (CP) — Transport Minister Pickersgill said he hoped the presidents of Air Canada and Canadian Pacific Airlines would reach agreement "on a great many points before the end of this month."

Presidents Gordon McGregor of Air Canada and Grant McConachie of CPA were asked by Mr. Pickersgill last May to discuss arrangements for co-operation of international services along with their views on domestic services within guidelines set out by the transport minister at that time.

The discussions form part of the minister's program leading to air policy recommendations, which, he said, he hopes to present to parliament before the end of this year.

There has to be a proper balance between the two mainline carriers in Canada, he said. He didn't believe one single carrier, regardless of size, could provide adequate services.

He was impressed by the fact the air policy brought down in 1944 served the country well for 20 years, and he hoped that a new policy would ensure both major airlines be given an opportunity to grow beyond their profitability line. There must

When he announced the guidelines, he said those international services should not be competitive "which could be achieved by amalgamation, or partnership or by a clear division of fields of operations."

He told the Commons Thursday a great deal of conflict in the international field has already ended.

In the domestic field, his guidelines were the air transport board should ensure both major airlines be given an opportunity to grow beyond their profitability line. There must

no competition that would put Air Canada into the red.

There was to be a "reasonable role for regional air carriers . . . which will give the regional air carriers a reasonable chance to operate without government subsidies."

"I think we've got to get a proper balance," he said during consideration of his department estimates.

"We're going to get it but it's not going to be achieved next week."

He said that users, not taxpayers, should pay for services whenever possible.

While he was going to push "just as hard as I can" to get an effective policy in force, it represented a complex problem and he would rather take an extra few months to ensure it was right. He hoped recommendations would be ready before the end of the year.

MEETING PLACE
The waters of 48 rivers drain into Chesapeake Bay on the U.S. Atlantic coast.

Louisbourg Restoration Said Slow

OTTAWA (CP) — Resources Minister Laing told the Commons he is "unhappy" with the progress being made to rebuild the old French fortress in Louisbourg on Cape Breton Island.

Replying to Donald MacInnis (PC—Cape Breton South) during consideration of his department's spending estimates, Mr. Laing said the government has spent a great deal of money on the site and hasn't much above ground to show for it.

The job was a big one and he was sure the people of Canada wanted a genuine reproduction of the famous fortress. Nothing else would do.

Work was coming along slowly because both archaeologists and builders were on the site. It was hard to please both at the same time.

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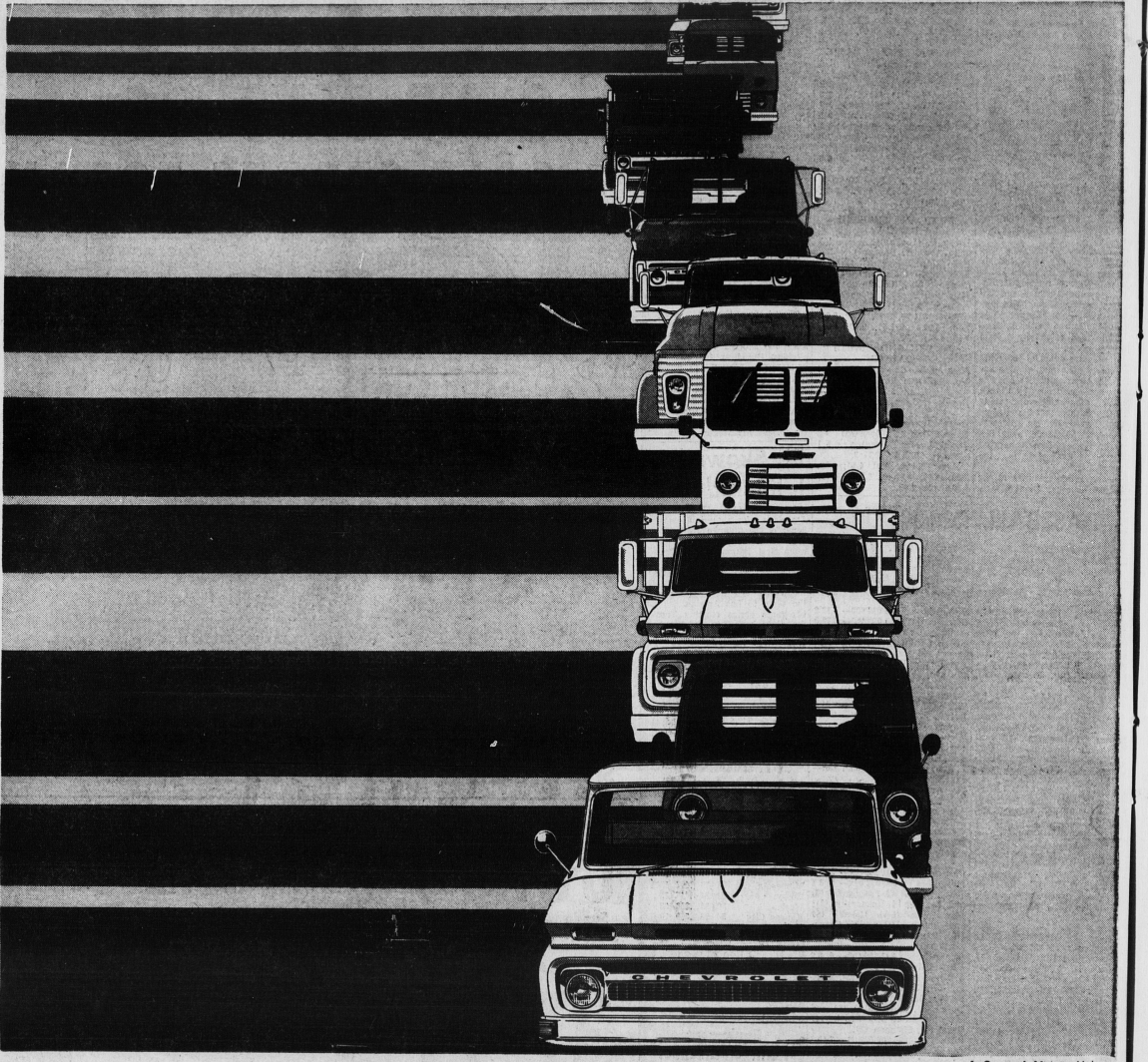
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