

SENATOR SAM ERVIN SAYS



Washington—The Senate Government Operations Committee has made a study of ways to correct deficiencies in the scientific activities of the Federal Government. This study began last year before the advent of the earth satellites, an accomplishment which has dramatically focused attention on the importance of scientific and technological progress.

Report Of Study
I have been advised of this staff study as a member of the committee. The report suggests certain drastic changes in civilian science and technology programs. It recommends a change in the jurisdiction over these programs. The report also found little or no coordination between government agencies carrying on science activities.

The primary recommendation of this committee staff study is for the creation of a Department of Science and Technology that would group the major civilian science agencies of the United States Government under a cabinet officer. It is suggested that this new department would include such agencies as the National Science Foundation, Smithsonian Institution, National Bureau of Standards, Weather Bureau, and the Patent Office. It might include the Atomic Energy Commission and other independent government agencies which do scientific work.

Hearings Necessary
Our committee will have to hold hearings in the new session

which begins next month to see if the recommendations and findings of the staff should be the basis for legislation on this matter. Another feature of the study which will have to be carefully studied by our committee is whether or not to recommend the creation of an Academy of Science to help in the shortage of scientists. It would be patterned after the military service academies with students nominated by an appointing board made up of leading educators and scientists. The basis for appointment would be aptitude tests and scholastic records.

It is too early to predict what the outcome of this study will be. I am nevertheless glad that the study was made by the Government Operations Committee as it gives the Senate something on which to begin its consideration of this problem.

Campus Visit
My schedule of speaking engagements has kept me on the go almost all of the time since Congress adjourned. One of the most enjoyable trips I have made was to Winston-Salem and the campus of Wake Forest College to talk to the student chapel assembly last week.

While there I spoke on the general subject that American tradition cannot be served by a political philosophy which holds that the ends justify the means. This philosophy, unfortunately, has its advocates today who under the impetus of goals believed immediately desirable grow

impatient and intolerant of the traditional safeguards of our liberties and seek a shortcut to their goals. That philosophy is clearly demonstrated by the use of Federal troops at Little Rock. The usurpation of power always is wrong, even if the usurpers believe they are doing good.

Secretary Benson
Agriculture Secretary Ezra Taft Benson says he is not going to quit his office and that the President has asked him to stay on. He called a news conference last week and read a prepared statement which says that he is going to be around. There are many here, including leaders of his own party, who think that he is on the way out. I do not know.

Heart Disease Leading Killer

According to information released by the North Carolina Heart Association, 1956 figures from the national office of Vital Statistics list the leading causes of death for all ages as follows:

Diseases of the heart and blood vessels, 843,410; cancer, 245,070; accidents, 94,350; pneumonia, 47,300; diabetes, 26,340; cirrhosis of the liver, 17,215.

With the exception of diabetes, these same causes, in the same order, apply to deaths below the age of 65, contrary to the widespread belief that most are preponderantly the ailments of old age. Below 65, diabetes is in seventh place, with suicide in fifth. Cirrhosis of the liver remains in sixth place.

In North Carolina, the leading causes of death for all ages are:

Diseases of heart and blood vessels, 17,125; cancer, 4,109; accidents, 2,481; pneumonia and influenza, 1,228; prematurity, 723; diabetes, 543.

Nationally, diseases of the heart

and blood vessels account for 53.9 per cent of all deaths. In North Carolina, the figure is just over 51 per cent.

The five leading causes of death in Chowan County is listed as follows:

Diseases of heart and blood vessels, 68; cancer, 22; accidents, 13; pneumonia and influenza, 2; diabetes, 2.

Frozen Semen Boosts Artificial Breeding

Starting this month, Tar Heel dairymen using the state's artificial breeding program will find frozen semen available for the first time. T. C. Blalock, dairy specialist for the N. C. Agricultural Extension Service, says that frozen semen represents the "greatest single improvement" in service since the program started 10 years ago.

Blalock says that frozen semen offers many advantages over the present system. First of all, rather than receiving daily shipments of semen, the technician will now meet a truck every two weeks delivering semen and refrigerator to him. This will eliminate shipment failures and delays and enable the technician to give better service.

The semen will be stored in a specially constructed container that will fit in the trunk of the technician's car. When full, it will hold enough semen to breed over 500 cows. The temperature of the semen inside the container will be 320 degrees below zero.

Blalock says it isn't yet known just how long the semen can be kept but it appears that it can be held for at least a year with no decline in fertility. In a test, semen from Cottonade Emmett, proved by David Cummings of

Guilford College and used in this state's artificial breeding program, is being used successfully after four years. Emmett has been dead over two years but is still siring calves through frozen semen!

Blalock says that results of over 500,000 inseminations in other

areas have shown a definite increase in conception rate of 3 to 5 per cent with frozen semen. The reason is that with liquid semen, there is always a time schedule to meet in order to get packages shipped out. Now more time can be taken to test the semen for quality and freeze only

the best. And even though it may be several months old at the time of use, the frozen semen is still fresher than liquid semen two days old because age is locked in at time of freezing.

Did you know this fact about... NORTH CAROLINA



Another North Carolina first—the Charlotte Coliseum is said to have the largest clear span dome in the world. It seats 13,500 people—no posts. It was conceived by unselfish forward looking individuals and built by the people and for the people.

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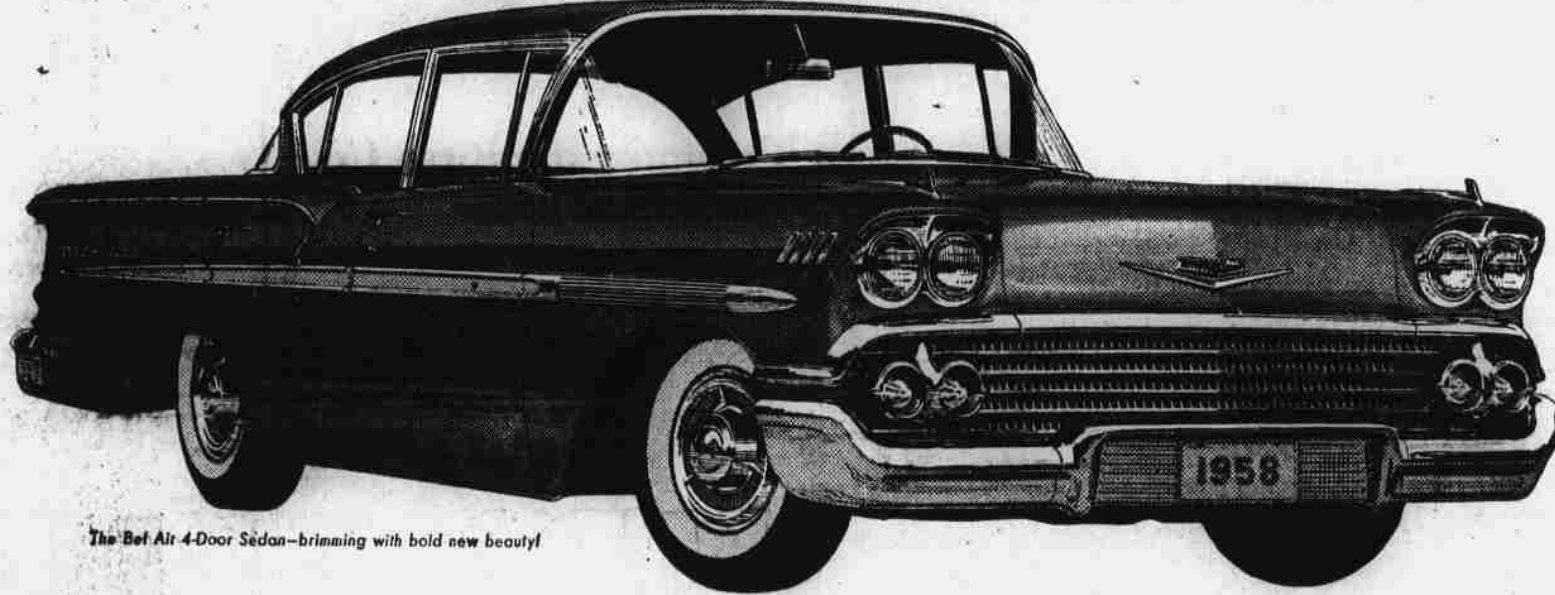
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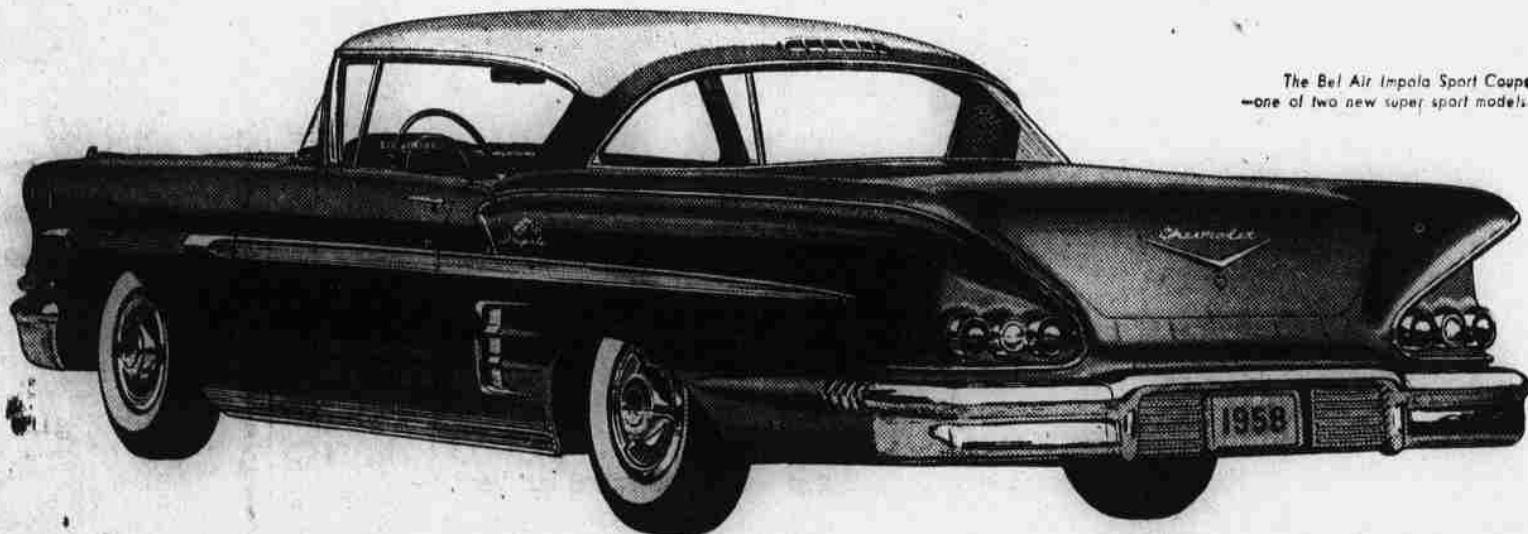
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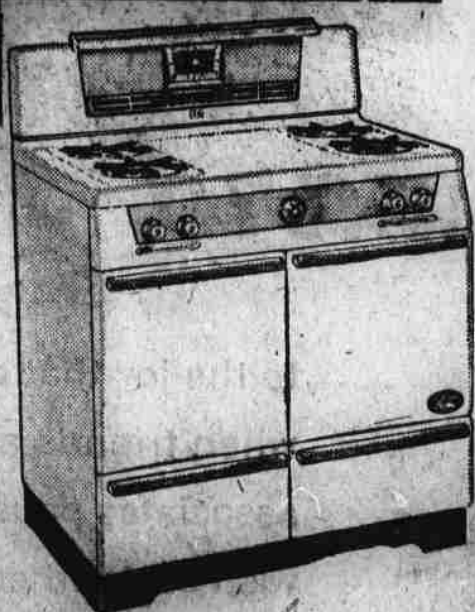
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