

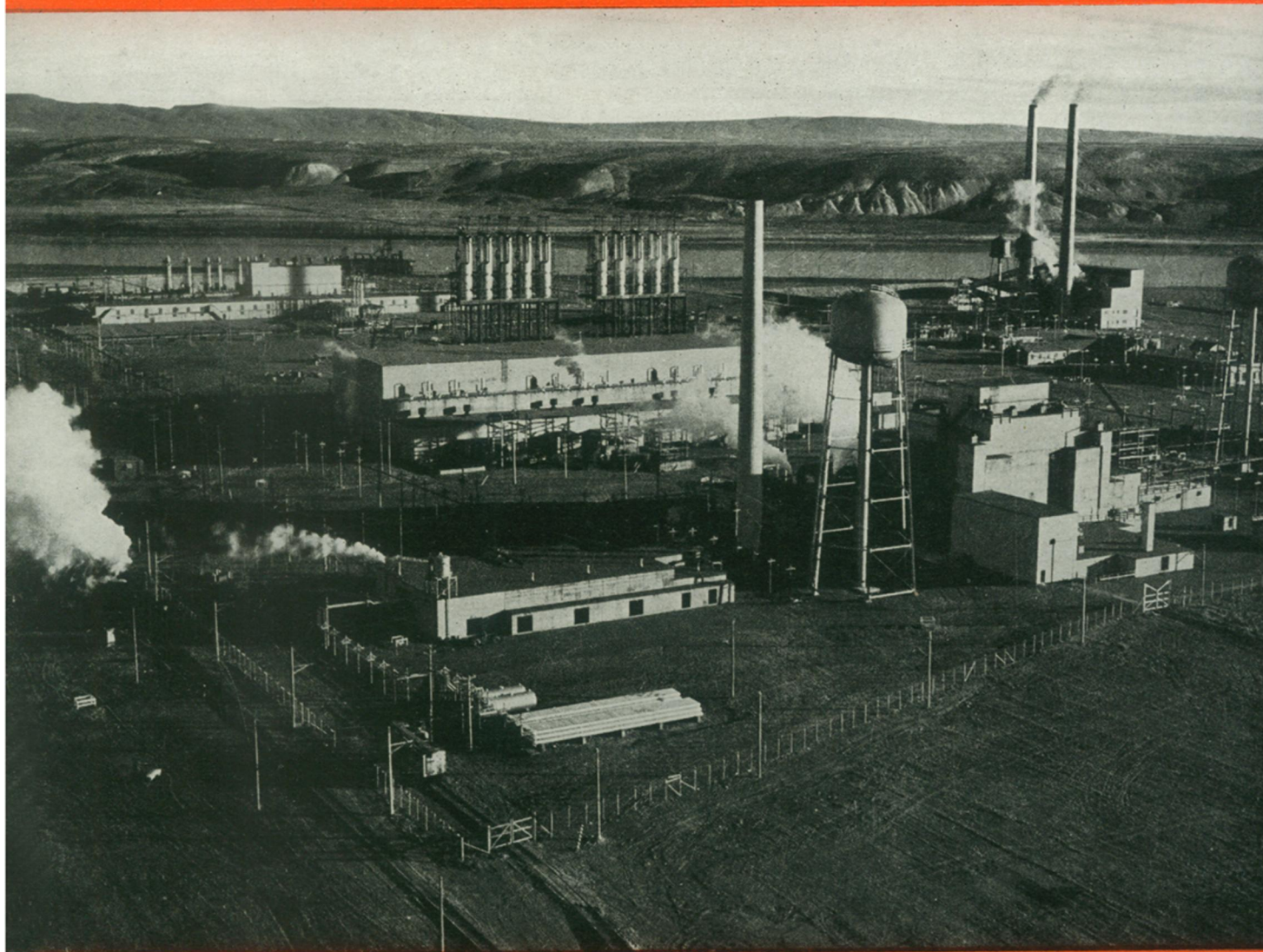
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# SCIENCE NEWS LETTER



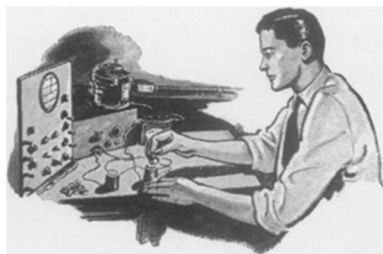
THE WEEKLY SUMMARY OF CURRENT SCIENCE • AUGUST 18, 1945



Home of Plutonium  
See Page 101

A SCIENCE SERVICE PUBLICATION

# a nation-wide search for scientists of tomorrow



## WHY THE SCIENCE TALENT SEARCH WAS STARTED

The objectives of this unique search are threefold: to discover high school seniors of exceptional scientific aptitude — to focus their attention on the need for developing scientific knowledge and skill in research — and to make the American public aware of the importance of science in their daily lives.

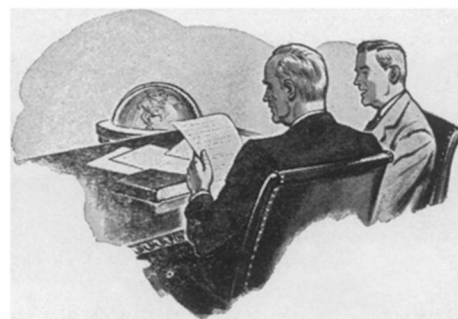
## HOW ENTRANTS ARE TESTED

Examination of entrants in Science Talent Searches is based largely upon rigorous science aptitude tests — to determine their research ability, reasoning powers and breadth of scientific knowledge. These tests are prepared by Dr. Harold E. Edgerton and Dr. Steuart H. Britt, prominent educators and psychologists.



## HOW THE SEARCH IS CONDUCTED

Each year, high school seniors all over America compete for Westinghouse Science Scholarships, of a total value of \$11,000, by taking these aptitude tests and submitting original science essays. Selection of the 40 finalists in the Annual Science Talent Search is based upon their records in aptitude tests, scholastic standing, recommendation of teachers, and science essays, in the order given.



## WHAT IT HAS ACCOMPLISHED

To date, 160 brilliant youngsters — winners of Science Talent Searches — have been awarded \$41,500 in Westinghouse Science Scholarships. In addition, 429 winners of Honorable Mentions in the *first two* Science Talent Searches have received scholarships, valued at \$132,450, from other sources. Of perhaps greater importance, a continuing study of one of the early Searches has disclosed that *more than 75% of those who entered this competition have actually gone to college — against a national average of only 35% for high school students!*



## SEND FOR SCIENCE TALENT SEARCH LEAFLET

If you are the parent of a scientifically-gifted boy or girl who will be a high school senior this fall . . . or if you know of such talented youngsters . . . send for Science Talent Search Leaflet NL-85 which gives full information about these competitive awards. Write: Westinghouse Electric Corporation, Box 1017, Pittsburgh 30, Pa.



# Westinghouse

PLANTS IN 25 CITIES OFFICES EVERYWHERE





Post-war radio "handie-talkies" and "walkie-talkies" will enable you to take your radiophone anywhere you go!

## ***"I'm telling Helen about this—right now!"***

You're a hundred miles from "nowhere" and you just landed the finest trout in the world! You've simply got to tell your wife (and the boys) back home.

So you turn on your "handie-talkie," signal the nearest "receiving station," get put through long distance and r-r-r-ing!—she's on the other end!

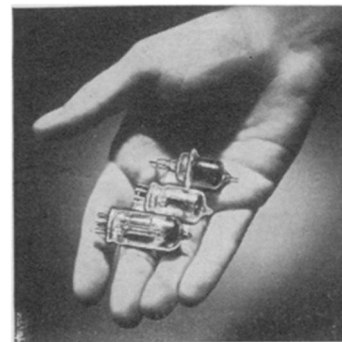
Fantastic? Not at all! For after the war such instruments can be made—about the size of a camera—weighing as little as three pounds—with a range of many miles!

Similar equipment is going to the Allied Armed Forces right now—made possible by

miniature electron tubes developed in RCA Laboratories. These miniature tubes are the size of peanuts and acorns! Actually, with these tubes there can be radios the size of a cigarette case or a lady's compact—with "big radio" reception!

Similar research goes into all RCA products. And when you buy an RCA Victor radio, television set or Victrola, you get one of the finest instruments of its kind that science has achieved.

Radio Corporation of America, RCA Building, Radio City, New York 20. *Listen to the RCA Show, Sundays, 4:30 P.M., E. W. T. over the NBC Network.*



**RCA miniature tubes**—another example of RCA pioneering in radio and electronics. The "handie-talkie" and smaller radios were made possible through the development of these tubes. Moreover, much valuable space can be saved through their use in larger sets.



**RADIO CORPORATION of AMERICA**