LETTERS

EDITORIAL
The Humility Factor: A. Etzioni

ARTICLES
University Isotope Separator at Oak Ridge: The UNISOR Consortium: J. H. Hamilton

Behavioral Regulation of the Milieu Interne in Man and Rat: J. Garcia, W. G. Hankins, K. W. Rusiniak

Effects of the Scopes Trial: J. V. Grabhiner and P. D. Miller

NEWS AND COMMENT
Nuclear Safety: Calculating the Odds of Disaster

Dalkon Shield Affair: A Bad Lesson in Science and Decision-Making

Fermi National Accelerator Lab: Making the Users More at Home

Green Revolution: Creators Still Quite Hopeful on World Food

RESEARCH NEWS
Niobium-Germanium: Becoming a Practical Superconductor

Chemistry and Science: The Next Hundred Years
BOOK REVIEWS
Archaeological Researches in Retrospect, reviewed by R. M. Adams; The People of America and The Pacific Islanders, W. M. Bass; Biopolymers, G. D. Fasman; Books Received ................................................................. 849

REPORTS
Electrical Resistivity Variations Associated with Earthquakes on the San Andreas Fault: A. Mazzella and H. F. Morrison ................................................................. 855
Streamflow Greatly Reduced by Converting Deciduous Hardwood Stands to Pine: W. T. Swank and J. E. Douglass ................................................................. 857
Human Serum Albumin Phenotype Activation in Mouse Hepatoma–Human Leukocyte Cell Hybrids: G. J. Darlington, H. P. Bernhard, F. H. Ruddle ................. 859
Amino Acid Difference Formula to Help Explain Protein Evolution: R. Grantham ................................................................. 862
Reverse Transcriptase in Normal Rhesus Monkey Placenta: R. J. Mayer, R. G. Smith, R. C. Gallo ................................................................................................. 864
Inert Gas Narcosis, the High Pressure Neurological Syndrome, and the Critical Volume Hypothesis: K. W. Miller ................................................................. 867
Antibody to Leukemia Virus: Widespread Occurrence in Inbred Mice: R. C. Nowinski and S. L. Kaehler ................................................................. 869

COVER
Watershed (area of 13.4 hectares), one of two in the southern Appalachian Mountains that were experimentally converted from indigenous hardwoods to white pine. After only 15 years, streamflow from both pine-covered watersheds was substantially less than flow from watersheds covered with mature deciduous hardwoods similar to those shown adjacent to the pine. See page 857. [Forest Service, U.S. Department of Agriculture]