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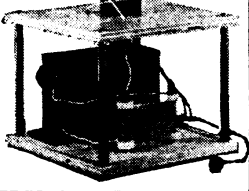
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**TREATISE: TIME AND SPACE (COMPREHENSIVE)** \$1.00 pp. Clark's, P.O. Box 12173, San Antonio, Texas.

## Peaceful World

(Continued from page 178)

the past six years the advances achieved by you and your colleagues to solve it have been steady.

These advances did not take the form of a breakthrough; rather, there has been a succession of solid accomplishments which entitles us to say that the problem is fully in hand technologically and is on the verge of coming under control economically.

Among the many possible uses of nuclear power, work being done in assessing its potential use for water desalination is a subject of particular interest for the United Nations, and, indeed, it is unnecessary to emphasize the benefits of a cheap desalination process for the developing countries, many of which contain extensive arid zones, and suffer from a chronic and growing shortage of fresh water. The UN Secretariat has published a major study of this question. This conference can and must—even if only in the long run—benefit the developing countries. Yet few of these countries as yet have nuclear scientists, and it is not surprising that the representatives of developing countries here today are by no means as numerous as we should have liked to see them.

The key to this problem is, of course, training, and I can only repeat what I said in the statement delivered on my behalf at the opening session of UNCSAT: "In my view, development of certain scientific institutions and the training of at least a small number of scientists in some of the advanced disciplines is by no means a luxury for any of the new nations."

Among these disciplines I should, of course, like to see nuclear science.

• Science News Letter, 86:178 Sept. 19, 1964

### GENERAL SCIENCE

## President Awards Medal Of Freedom to Thirty

➤ **THIRTY DISTINGUISHED** men and women received the Presidential Medal of Freedom at a White House ceremony Sept. 14.

President Johnson made the presentation in the East Room in the presence of members of the Supreme Court and the Cabinet, the leadership of the Congress, and other key executive branch officials. A White House luncheon honoring the medal recipients followed the presentation ceremony.

The gold Presidential Medal of Freedom is the highest civilian honor the President of the United States can bestow for service in peacetime. It is given to a person who has made "exceptionally meritorious contributions to the security or national interest of the United States, to world peace, to cultural or other significant public or private endeavors."

Those honored were:

Former Secretary of State Dean Acheson; Dr. Detlev Bronk, president, Rockefeller Institute for Medical Research; Aaron Copeland, composer and conductor; William de Kooning, abstract-impressionist painter; Walt Disney, motion picture producer; J.

Frank Dobie, author of books on the folklore of the Southwest; Dr. Lena Edwards, obstetrician; T. S. Eliot, the poet and playwright; Alfred Lunt and Lynn Fontanne of the American stage; Dr. John W. Gardner, president, Carnegie Corporation of New York.

Also, Rev. Theodore M. Hesburgh, C.S.C., president, University of Notre Dame; Clarence L. Johnson, vice president, Lockheed Aircraft Co. and designer of the U-2 reconnaissance plane; Frederick R. Kappel, chairman of the American Telephone and Telegraph Co.; Miss Helen Keller, lecturer and author; John L. Lewis, president emeritus of the United Mine Workers; Walter Lippmann, columnist and author; Ralph E. McGill, publisher and columnist; Samuel Eliot Morison, Harvard historian; Lewis Mumford, authority on architecture and civic planning; Edward R. Murrow, veteran commentator and former USIA director.

Further, Reinhold Niebuhr, Protestant theologian; Miss Leontyne Price of the Metropolitan Opera; A. Philip Randolph, president of the Brotherhood of Sleeping Car Porters and a civil rights leader; Carl Sandburg, poet and biographer of Lincoln; John Steinbeck, novelist; Dr. Helen B. Taussig, professor of pediatrics at the Johns Hopkins University; Rep. Carl Vinson (D-Ga.); Thomas J. Watson, president of International Business Machines Corporation, and Dr. Paul Dudley White, authority on heart disease.

• Science News Letter, 86:190 Sept. 19, 1964

### TECHNOLOGY

## French Solar Boiler For Industrial Power

➤ **THE FRENCH GOVERNMENT** is now building a solar boiler on an industrial scale that is hoped will lead to harnessing the sun's power to supply hundreds of thousands of kilowatts of electricity.

The industrial solar boiler uses a new method of heat absorption. It has been set up near the summit of the famous Notre Dame de la Garde hill overlooking Marseilles.

The Marseilles solar boiler was designed by Dr. Marcel Perrot of the University of Marseilles and secretary of the "Mediterranean Solar Co-operation" scheme.

Dr. Perrot combined his own theories on collecting solar heat with the ideas of an Italian engineer, Signor Giovanni Francia of Genoa.

• Science News Letter, 86:190 Sept. 19, 1964

## Do You Know?

The IQ of the average freshman medical student is now about 130.

Sounds of very great intensity with frequencies higher than any generated before—60 billion cycles per second—have been made by bombarding a sapphire crystal with light from a ruby laser.

• Science News Letter, 86:190 Sept. 19, 1964