

educational reference and to NDT engineers for its excellent bibliography.

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*William H. Thompson is presently the Group Supervisor of the Lockheed-Georgia Company's Proficiency Development Laboratory in Marietta. The laboratory is responsible for developing nondestructive test equipment and techniques for the Company's Quality Assurance organization for testing of aircraft structures. He received a BS in Engineering Physics from the University of Chattanooga in 1961 and a MS in Physics from the University of Tennessee in 1966. Prior to joining Lockheed, he was employed by Union Carbide Nuclear Division at their Y-12 Plant, Oak Ridge, Tennessee as a Physicist responsible for nondestructive testing development. He is a member of the American Society for Nondestructive Testing.*

**Nuclear Desalination.** Elsevier Publishing Co., Amsterdam (1969). 941 pp. \$38.50.

The subtitle, "Proceedings of a Symposium on Nuclear Desalination held by the International Atomic Energy Agency in Madrid, 18-22 November 1968," explains the content of this volume far more than the main title. The book includes the complete text of the 64 papers presented (50 in English, 12 in French, and 2 in Spanish) and the discussions that followed each paper. It is impossible to

review the information contained in so many papers in a reasonable space, but it should be noted that they cover the complete range from overall descriptions of the programs on nuclear desalination of various nations (United States, United Kingdom, France, and Japan) to detailed discussions of the design, construction, and operation of proposed and actual desalting plants. Unfortunately, the Russian papers listed in the original program were withdrawn just prior to the meeting and therefore are not included.

The papers covered will be used as references many times, just as those have been from the "First International Conference on Water Desalting," and the "Water for Peace Conference." Consequently, in spite of the price, this volume is a must for workers in the desalination field and for those concerned with the use of nuclear energy for desalting. The publisher is to be commended for finishing this book in about a year in contrast to the two or three years required in the case of some proceedings.

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*About the reviewer: Karl Johnsson is director of the Nuclear Desalination Information Center at Oak Ridge National Laboratory. He is a chemical engineer from the University of Florida and came to Oak Ridge in 1943 from Pan American Airways. In Oak Ridge, he worked on uranium chemistry and the development of the process for uranium tetrafluoride production and later on thorium oxide production. Prior to his present position, he was a senior editor in the Technical Information Division of ORNL.*