BOOK REVIEW

Selection of books for review is based on the editor's opinions regarding possible reader interest and on the availability of the book to the editor. Occasional selections may include books on topics somewhat peripheral to the subject matter ordinarily considered acceptable.

The Energy Source Book

Editor	Alexander McRae, Janice L. Dudas, and Howard Rowland
Publisher	Aspen Systems Corporation (1977)
Pages	724
Price	$49.50
Reviewer	L. B. Church

This rather large book is an encyclopedic review of all aspects of the U.S. energy situation. President Carter's energy proposals along with an analysis of the U.S. Department of Energy Organization Act comprise the first part of the book.

A review of the current energy resources and forecast through 1990 are drawn from the Congressional Research Service's Project Independence. The central part of the book is the Office of Naval Research's Energy Source Facts publication, which reviews all of the current major sources of energy. A very adequate, but technically rather unsophisticated approach is given to nuclear energy and light water reactors. Little attention is given to the possible impact of a breeder reactor system in the U.S.

The book closes with two sections aimed at industry by giving conservation data and energy management data for both nine specific industries and industry in general. There is little anywhere in the book aimed at either the homeowner or the commercial sector.

Much of the book is a reprinting of existing government reports and documents. For example, extensive use is made of Federal Energy Administration publications. As such the book is not a very suitable book either for a text or for general interest reading. However, because it holds some of the major reports on our current energy situation, all major scientific libraries should consider having this book.

Larry B. Church is currently associate professor of chemistry at Reed College and is the director of the Reed College Reactor Facility. His current research interests involve simple nuclear reactions produced by pions, protons, and alpha particles and the elemental analysis of impurities in semiconductors.