

neglected area off human health makes this volume a significant positive factor for both academia and industry.

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The Elements beyond Uranium, by G.T. Seaborg and W.D. Loveland, Wiley/Interscience, New York, NY, 1991, ISBN 0-471-89062-6, 359 pp., \$49.95.

This is the twelfth volume on transuranium elements since 1949 and reflects current status and background on the 50th anniversary of the discovery of elements 93 through 110. Dr Glenn Seaborg, one of the co-discoverers of plutonium and nine additional elements, is a Nobel prize winner. Professor Walter Loveland, co-author, is a professor of chemistry at Oregon State University.

Transuranic elements 93 to 109 (110 is in doubt) resulted from extensive investigations which included a re-orienting of the whole periodic chart. These efforts are reviewed with sufficient depth to present the basic approach to chemists, engineers and physicists. Born in the joint quest for both peaceful atomic energy and the Manhattan Project, the new knowledge has increased greatly our view of the 1872 table of Mendeleev and its application in modern chemistry.

Although highly authoritative and with 494 references, the volume contains data and information useful even to the layman; practical discussions on nuclear power from nuclear fission (which produces worldwide about 140 tons of plutonium annually); military applications and industrial applications. Now that the nuclear "threat" has been largely neutralized, perhaps renewed research will result in a better understanding of transuranic elements (more can be postulated), and it is hoped this volume will be a useful guide.

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Laser Safety Comes to Light, 20 min, $\frac{1}{2}$ " VCR tape, accompanied by training manual, *Laser Safety Guide*, *Guide for Selection of Laser Eye Protection*, and ANSI Z136.1 - 1991 American National Standard for the Safe Use of Lasers (95 pp.) available from Coherent Auburn Group, 2301 Lindbergh St., Auburn, CA 95603.

The growing application of lasers in a variety of occupations and applications make this collection of tapes, standard and training manual a most useful addition to the safety and hygiene literature. The information is presented in a clear manner, and the real danger of certain laser exposures to the eyes and skin are well projected. The use of chemicals, such as chlorine, fluorine and