

- 855 Medical X-Ray Protection Up to Two Million Volts. U.S. Bureau of Standards Handbook No. 41. 43pp. (March, 1949) For sale by the Supt. of Documents, Washington 25, D.C. 15 cents.

This volume consists of recommendations intended for the protection of the radiation worker, superseding those contained in earlier Handbook No. 70 (1936). Rules are given for fluoroscopic, radiographic, dental, therapeutic, and similar applications. Data are given concerning electrical protection, barrier requirements, and other aspects of protection.

-- F.F. Rupert

- 856 Accident Facts. 1949 Edition. National Safety Council
20 N. Wacker Drive, Chicago 6, Ill. 96pp. Price \$.60

Occupational fatalities in 1948 showed a reduction of 500 from the 1947 figure, and disabling injuries were 100,000 fewer than in 1948. The exposure to injury was approximately the same in the two years. The industry with the best frequency rate improvement over 1947 was aircraft manufacturing. The communications industry again had the lowest frequency rate. The mining and lumber industries had great frequency rate reductions, but the rates were still the highest of all industries. Tables set forth a great variety of statistical material. A discussion of Motor Vehicle Accidents, illustrated with maps and charts covers 32 pages of the book.

-- F.F. Rupert

- 857 Major Disasters at Metal and Nonmetal Mines and Quarries in the United States (Excluding Coal Mines). J. Hyvarinen, L.H. Johnson, and D.O. Kennedy U.S. Bureau of Mines Inf. Circ. No. 7493. 26pp. (Apr. 1949).

A chronological list of accidents at metal and nonmetal mines and quarries (excluding coal mines) in the United States in which five or more lives were lost has been compiled. Many accidents are described in more detail because of their unusual features. Tables have been included to indicate the number of major disasters and fatalities by the principal product mined, by States, and by 10-year intervals prior to 1945. The number of men employed to indicate man-hours exposed is unavailable; therefore, a true picture of disaster data by principal product mined, by States, and by 10-year intervals is not possible. However, the data are presented to indicate the causes of major accidents and bring to the attention of those affiliated with metal and nonmetal mines and quarries the hazards involved and lessons that can be practiced to keep such accidents at a minimum.

-- Authors' Summary

- 858 Report of the Department of Health, 1947-48. Reprint from Digest of Connecticut Administrative Reports to the Governor 2, 330-354 (1949).

The Bureau of Industrial Hygiene presents its report on pages 339-343. Increased activity along specific phases increased the number of field determinations to 3,390 for the fiscal year. Investigation of radiation hazards was an important feature of the work, and some time was spent on beryllium. The highway tunnel near New Haven was started during the year