

Alvah E. Peterson has been appointed General Supervisor of Sales for the Procter and Gamble Company in the Boston District. Mr. Peterson was formerly located at the general offices in Cincinnati as assistant in the Eastern Sales Division.

The Federal Trade Commission sent to the Senate, on February 16, an interim report of progress on the cottonseed investigation which the Commission has been conducting at various points in the south for some time past. This was the fifth interim report which has been submitted since the beginning of the investigation. The record of testimony transmitted with this fifth interim report alone is in 20 volumes containing 2290 pages and copies of 225 exhibits submitted in evidence. The sixth interim report is now in course of preparation, covering the testimony taken at hearings held at Columbia, South Carolina, between November 10 and December 5, 1930. Additional hearings were held at Dallas, Texas, beginning February 16, and at Jackson, Mississippi, starting March 2.

The annual banquet of the Oil Trades Association of New York was held at the Hotel Roosevelt on February 18. A reception at 7.00 P.M. was followed by the dinner at 7.30.

Swift and Company plan to add a general line of canned fruits and vegetables to their other sales items. The new products will be marketed under the Swift brands.

President McKeldin of the Mayonnaise Manufacturers Association has appointed a Committee to investigate and study the possibilities of service to the mayonnaise industry of a uniform and simplified cost accounting system.

Sales of cottonseed products were made at Memphis during the last week of February on the basis of the following prices: crude oil, tank car, 6½¢ per pound; 41 percent meal, \$25 per ton; 43 percent meal, \$26 per ton; hulls \$8.50 per ton.

On February 18, The Procter and Gamble Company initiated operation of their copra mill at Baltimore, recently acquired by purchase from the Oil Seeds Crushing Company.

## New Books

ELEMENTS OF CHEMICAL ENGINEERING:  
By W. L. Badger and W. L. McCabe, 8vo, 625 plus xvii pages. New York, McGraw-Hill Book Company.  
\$5.00

MESSRS. Badger and McCabe, well-known chemical engineers and respectively Professor and Assistant Professor of the subject at the University of Michigan, have here contributed an outstanding textbook to the rather meager literature of chemical engineering. The authors have approached their subject with that spirit of respect for order and related development which is such a necessary qualification of the chemical engineer. In recognizing that the modern practice of chemical engineering rests upon a thorough understanding of the basic Unit Operations, this work is devoted chiefly to a thorough analysis of these operations, as comprised in flow of fluids, flow of heat, evaporation, air conditioning, drying, distillation, gas absorption, extraction, crystallization, filtration, mixing, crushing and grinding, and size separation. An interesting addition is a chapter on the engineering considerations covering the design and application of weighing machinery and conveying machinery.

This textbook offers such an attractive blend of underlying theory and practical methods of application that it should serve the graduate practicing engineer as well as it undoubtedly will the student.

A. P. L.

INDUSTRIAL RESEARCH LABORATORIES OF THE UNITED STATES: (Including Consulting Research Laboratories) Bulletin Number 81 of the National Research Council. Fourth Edition, Washington, D. C., 1931, 266 pages. \$2.00.

THIS latest revision of the Directory of Research Laboratories appears complete and up to date. There are to be found within its covers an alphabetical list of about 1625 laboratories, a list of more than 1900 directors of research, a geographical index and a subject index. As a reference list it should be of value to all who are interested in research in pure or applied science.