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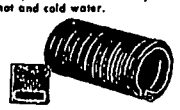

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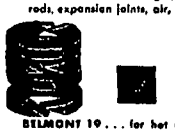

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PLANT LOCATION. *(1952). By Leonard C Yaseen, senior partner, Fantus Factory Locating Service. 195 pp, 8½ x 11, photos, maps, loose-leaf, $12.50. Business Reports, Inc, 225 W 34 St, N. Y. 1, N. Y.*

This study should be most useful to any engineer or businessman concerned with locating a new plant. Text, pictures and many charts give useful information on various steps, and remind the reader of factors that must be considered.

Chapters cover plant location; transportation; raw materials, sources and markets; labor availability; labor costs and stability; power, fuel and water; taxes and labor laws; climate; final analysis of communities; selecting the site; hints for industrial development groups; bibliography.

Since power engineers are likely to be called in on the power, fuel and water aspects of plant location, they will be particularly interested in the 22 pages devoted to these subjects. In general, the power-fuel-water material seems to be well handled. However, we would suggest to the publishers that they make two corrections in future issues. On page 76 it is stated that it takes 6000 gallons of water to generate one kwh. This figure is impossibly high.

On page 77 it is suggested that cubic feet be converted into gallons by multiplying by 7.480512. This suggestion will not appeal to practical engineers who would never use more digits than 7.48. In fact, the accuracy of this type of study would hardly justify anything beyond 7.5 gal per cu ft.

WHAT'S INSIDE OF ENGINES? *(1953). By Dr. Herbert S Zim, Assoc Prof of Education, University of Illinois. 32 pp, heavily illustrated, including end papers, $1.75. William Morrow & Co. Inc, 425 Fourth Ave, New York 16, N. Y.*

If your youngsters ask questions you find it hard to answer in easy-to-understand terms, this attractive little book will do it for you. Dr Zim, scientist and educator, shows clearly and entertainingly how the various kinds of engines operate—steam, gasoline and diesel engines, steam and gas turbines. He even tackles those modern wonders, rockets and atomic piles.

Each gets a clear explanation in large type, followed by a smaller-type section that fills in additional details that may be wanted by an inquiring youngster. Excellent illustrations in color, by Raymond Perlman, show general construction and operating principles.

One of the Morrow Junior Books, this little volume is the fourth in a new series begun last Fall.

ELECTRIC CONTROL SYSTEMS. *(Third Edition). By Richard W Jones, Professor of Electrical Engrg, Northwestern Technological Institute. 511 pp, $7.75, 9¼ x 6, John Wiley & Sons, Inc, 440 Fourth Ave, New York 16, N. Y.*

This book was written assuming the reader has had the normal undergraduate

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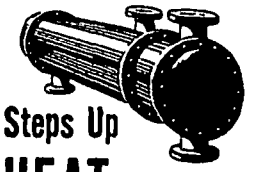

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