

science news

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**FLASHLIGHTS
OF THE
DEEP**

The health hazards of NOT going nuclear

Sure, nuclear energy is dangerous:

Any energy is dangerous.

But none is as safe as nuclear.

Even in waste disposal? Even in terrorism and sabotage? And in major disasters?

Yes!

If you have been victimized by the "truth but not the whole truth" reporting by the mass media, you may find that hard to believe. But there is an easy way to find out: Order the book by Dr P. Beckmann, professor of electrical engineering at the University of Colorado, Fellow of the IEEE, and editor of the monthly *Access to Energy*.

He has no personal stake in nuclear power, owns no stock of any corporation, is unconnected with the nuclear industry, and is not involved in any research project funded by any corporation or the federal government.

His book does not compare the risks of nuclear power to its benefits. (How many dollars to a human life?)

It compares nuclear power to the other energy sources per unit generated energy, death for death, injury for injury, disease incidence for disease incidence, environmental impact for environmental impact.

These comparisons are fully documented.

**THE NUCLEAR CRITICS HAVE NEVER
DISPUTED THESE COMPARISONS.**

THEY HAVE MERELY IGNORED THEM.

★ ★ ★ ★ ★ ★

Now! Fourth, enlarged edition:

A HISTORY OF π (Pi)

By Petr Beckmann (*University of Colorado*)

The fascinating history of the circle ratio from prehistoric times to the computer age — an enthralling, profusely illustrated account loaded with historical anecdotes and oddities.

Did you know that a verse in the bible implies $\pi = 3$? That Archimedes of Syracuse in the 3rd century B.C. found a method of calculating π that defied improvement for 1900 years? That poems coding the decimal digits of π have been written? That in 1897 the Indiana House of Representatives passed a bill legislating the (wrong) value of π ? That the value of π is now known to half a million digits?

This book is not a dry account of the hunt for the true value of π ; it gives the background of the times when π made progress, and also of the times when science was stifled by dogmatism and religious fanaticism. Not just for the erudite professional — there is plenty left for those who wish to skip the more difficult mathematical places.

The first edition (1970) of this book was sold out in less than a year. It is widely acclaimed as an excellent and unusually enjoyable book. The Japanese translation is now in its third large printing.

"A pure delight — stimulating, irreverent of many long-accepted notions. . . A fascinating story of efforts to advance knowledge in spite of the brutalizing preoccupations with war and religious persecution of scholars. . . Entirely offbeat, which gives it its charm"
—THE DENVER POST

"A cheerful work" —SCIENTIFIC AMERICAN

"A very readable account" —SCIENCE

"For those seriously concerned with the history of mathematics, yet written in easy style" —CHOICE

"Thoroughly fascinating. . . A rewarding experience for the reader" —APPLIED MECHANICS REVIEW

Witty, highly informative, thoroughly documented, caustic. . . Demolishes the myths, distortions and outright falsehoods of the anti-nuclear crowd.

Nationally syndicated columnist John Lofton

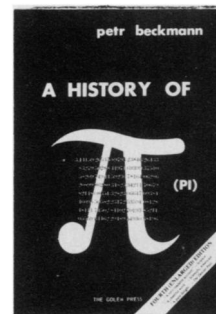
Ralph Nader and his "Critical Mass" opponents of nuclear power plants have been blown out of the water. . . I challenge Nader to debate Beckmann across the country. Nationally syndicated columnist John Chamberlain

Easily one of the most important books of our times. . . Nationally syndicated columnist Ralph de Toledano

Establishes a more rational framework for assessing the dangers of nuclear power. SUNDAY TIMES (London)



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Can your child read these words?

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Your child will learn how to read these and more than 300 other words after working with the *very first* record of The Sound Way to Easy Reading.

Try out this Phonics Course **FREE FOR TWO WEEKS** with your child in your own home—without risking a penny. Mail the coupon below.

If your child is a poor reader, if he has not been able to keep up with his class in school—here is a way that you can help him. Many parents have seen their poor readers gain up to a *full year's grade in reading skill* in just six weeks with the Sound Way to Easy Reading.

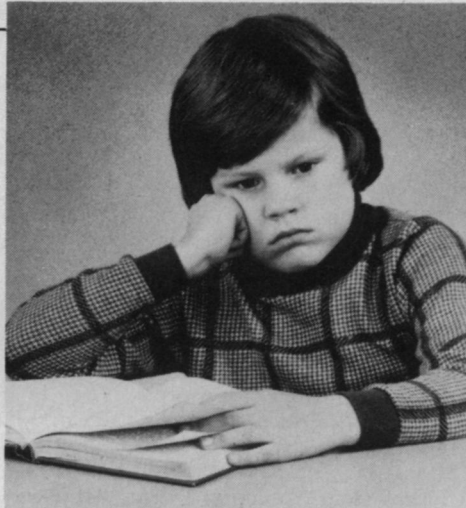
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So don't wait for your poor reader to reach high school before coming to his aid. By starting your child on The Sound Way to Easy Reading now, you can change his entire attitude toward school—turn his sense of failure into the joy of success. Try it free for two weeks. You send no money—just mail coupon.

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Mrs. Ed Marsh, Ladson, S.C.

IN 26,000 SCHOOLS
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