

Getting Ready For Steeplechase



NSHA Representative Burley Cocks is shown above pointing out the ground lines to Steeplechase Co-chairman Jarrett Wells Schmid on the Block House course.

Lanier Library Book Reviews



"A Very Young Rider" by Jill Krementz. This is a book whose excitement and fun will delight every child who loves horses and everyone — of any age — who rides, or dreams of riding. To be found in the Junior Section.

"Pianist's Progress" by Helen Drees Ruttencutter. The setting for this story is the famed Juilliard School of Music. The author takes the reader behind the scenes in the fiercely competitive music world. A Junior Book.

"The Devil's Alternative" by Frederick Forsyth. The latest novel by the author of "The Day of the Jackel" and "The Dogs of War" is the most ambitious one to date. This master story-teller is an expert at combining fact with fiction.

MCFC: An Electrifying Idea

It's called the Molten Carbonate Fuel Cell technology — MCFC for short. And it could significantly improve the output of the nation's coal-fired utilities.

MCFC, according to the General Electric Co. that is developing this new technology, could enable the U.S. to double its present coal-fired electricity output in the coming decade with only a 35 percent increase in the use of the nation's coal supplies.

GE was recently awarded a \$18 million U.S. Dept. of Energy (DOE) contract to develop the MCFC technology. The project began earlier this year.

Says Dr. Jerry Peterson, GE's Fuel Cell Project Manager, Energy Systems Program Dept.

"MCFC technology will help reduce the nation's dependence on foreign oil and will promote the extensive use of U.S. domestic coal for power generation with minimal environmental impact."

Peterson noted that the DOE is funding three classes of fuel cell research and development — phosphoric acid, solid oxide and molten carbonate.

He adds that GE has



MCFC: Hydrogen and carbon monoxide — produced by gasifying coal — creates a chemical reaction from the air to produce electricity.

decided to concentrate on MCFC because, it is compatible with coal as fuel. It can use a variety of coals including low-grade coal, an excellent resource for generating electricity. MCFC, Peterson believes, has the potential for commercial introduction in the coming decade.

GE isn't doing the job all by itself. According to Peterson, "Strong electric utility participation in the program is important for successful application of the technology."

The MCFC team includes Pacific Gas and Electric and Southern California Edison, which will participate in power plant engineering

and planning activities. The Institute of Gas Technology will work on longevity and contamination.

The advisory panel includes Pacific Gas and Electric Co., Long Island Lighting Co., Montana Power Co., New York State Power Authority, Southern California Edison Co., Tennessee Valley Authority, Texas Utilities, Electric Power Research Institute and three industrial companies, to be selected.

"We are confident that the successful application of our fuel cell effort will be of paramount importance to the electric utility industry and the nation," Peterson believes.

NEWS

OF HEALTH

Answers about Health and Medicines from the Proprietary Association.*

Q. Some people say non-prescription medicines either have too little proved medication to do any good or else they have nothing but useless ingredients. Is this true?

A. Many medicines of the past — whether prescribed by a physician or sold over-the-counter — relied more on faith than on science. The science just wasn't there. This is not true today. Good medicines exist and others are being identified by science, developed by industry and approved by government for direct consumer use. About 70 percent of individual treatments today are with nonprescription medicines.

*Washington Trade Association for the makers of nonprescription medicines.