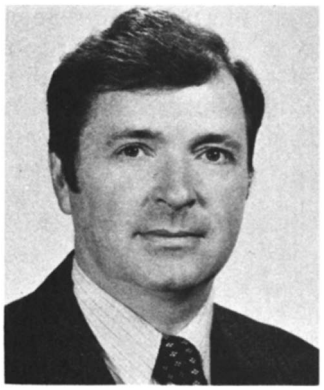
COMMENTS



This issue contains a feature that I hope will become a frequent occurrence, namely, a section that contains a collection of papers devoted to a special topic of interest to fusion technology. In this case, the topic is radiation streaming and shielding (see p. 253). The papers are based on talks presented in a special session on fusion shielding sponsored by the Radiation Protection and Shielding (RP&S) Division at the national American Nuclear Society (ANS) meeting held last June in Miami, Florida. Dr. Bernard A. Engholm of General Atomic Company, San Diego, California, chaired this session for RP&S and was instrumental in organizing the papers for *Nuclear Technology/Fusion* and arranging for their review. Thus, he properly serves as "guest editor" for this special section.

In view of the good experience with this effort, a similar special section is being planned for the near future on plasma engineering. It will be based on presentations at an invited session being arranged by the Mathematics and Computations (M&C) Division of ANS for the June 1982 meeting in Los Angeles, California. Dr. David Weber of Argonne National Laboratory, the program chairman for M&C, suggested this session and I will chair it due to my long-time involvement with plasma engineering studies. Any suggestions by readers for other topics that could be handled in this fashion would be welcome.

Another feature in this issue is a summary of the *Third IAEA Technical Committee Meeting and Workshop on Fusion Reactor Design and Technology* held in October 1981 in Tokyo, Japan. A summary of parts of the *Tenth European Conference on Controlled Fusion and Plasma Physics* held in September 1981 in Moscow, USSR, was included in the January 1981 issue. Likewise, arrangements have been made to obtain summaries from the *Fourth Symposium on the Physics and Technology of Compact Toroids* held in October 1981 at Livermore, California, and the *2nd Workshop on Hot Electron Ring Physics* held in December 1981 in San Diego, California. These summaries are very brief and only hit some highlights from the meetings. Their main purpose is to provide the reader with an overview of the subject coverage and any key new developments so that he can decide if he wants a copy of the proceedings and/or selected papers. With respect to such summaries, the reader can provide a real help by suggesting in advance workshops, meetings, and symposia that should be covered and by offering to write summaries when this is convenient. The number of such meetings in fusion is already too large for any individual to keep track of, hence, it is thought that these summaries would be a welcome help.

ON THE RETIREMENT OF J. RAND McNALLY, Jr.

I did not realize until after we sent the January issue of *Nuclear Technology/Fusion* (*NT/F*) to press with the overview article on Advanced Fuel Fusion by J. Rand McNally, Jr. that he planned to retire from the Oak Ridge National Laboratory (ORNL) staff on January 1. Thus, that article was the last by Rand as a full-time staff member and we are pleased that it appeared in *NT/F*.

Rand's long and productive career in fusion research is widely recognized by his many friends in the fusion community. He has always been admired for his creativity and continued search for new approaches to both analysis and fusion concepts. His pioneering work includes studies of the physics of reversed field confinement approaches using ion rings with E-core, chain reactions in advanced fuel fusion, alpha-driven plasma currents, the $N\tau T$ criterion, fusion cross-section data, advanced fuel inertial confinement physics, and many more concepts. He frequently brought into his fusion work insights based on his earlier experience in astrophysics. In addition, Rand was always ready to offer visitors to ORNL either a formal or informal tour of the fusion facilities. We will all miss Rand's active participation and hope that he continues with some input as he turns his attention to other directions during retirement.

George Miley