

NEWSLETTER

Water Jet Technology Association

MAY 1984

WJTA MEMBERSHIP MEETING

The Water Jet Technology Association now has 16 corporate members and over 80 individual members. The Association is planning a business meeting on June 27 from 6:00 to 7:30 p.m. at the Confederation Board Room I, during the Seventh International Water Jet Conference in Ottawa, Canada. Subjects to be discussed during the meeting: 1) election of board members; 2) safety committee activities; 3) education/research and development committee activities and 4) Third U.S. Water Jet Conference in 1985.

SEVENTH INTERNATIONAL SYMPOSIUM ON JET CUTTING TECHNOLOGY

The Seventh International Symposium on Jet Cutting Technology will be held in Ottawa, Canada between June 26 and 28, 1984. Some 40 papers will be presented on cleaning with water jets, mechanical cutting with jet assist, abrasive jet cutting, pulsed jets, basic jetting studies, industrial applications, cavitating jets and rock drilling. For additional information, please contact Dr. M. M. Vijay, Gas Dynamics Laboratory, National Research Council, Division of Mechanical Engineering, Ottawa, Canada K1A 0R6.

USBM INDUSTRY MEETING ON WATER JET ASSISTED CUTTING

The U.S. Bureau of Mines is sponsoring an Industry Meeting on Water-Jet Assisted Cutting on June 21, 1984 at the Sheraton Inn South, Pittsburgh. The conference will start at 8:00 a.m. with an introduction by Mr. John Murphy, Director of Pittsburgh Mining Research Center, U.S. Bureau of Mines and will be followed by 9 technical presentations describing new research on the optimization of water jet assisted cutting equipment. A demonstration on water jet assisted cutting is scheduled in the afternoon at the U.S. Bureau of Mines. Contact Mr. Robert J. Evans for additional details at 412-675-6664.

THIRD U.S. WATER JET CONFERENCE

The Third U.S. Water Jet Conference is planned to be held at the University of Pittsburgh in May or June of 1985. Dr. Neil Styler, a faculty member of the University of Pittsburgh, and Mr. Robert J. Evans of the U.S. Bureau of Mines have agreed to coordinate the conference.

WATER JET SHEARER

The U.S. Bureau of Mines has issued an R.F.P. for a Water Jet Assisted Shearer for long wall coal mining.

NEW SWIVEL

Stoneage, Inc., Durango, Colorado, announces the availability of a new fluid swivel. The Flange-Seal Swivel was designed for service at 10,000 psi, 300 rpm and 60 gpm flow.

WATER JET SOCIETY OF JAPAN

The Water Jet Technology Society of Japan has been established in November 1983. Dr. O. Imanaka was elected president. A special lecture meeting is planned for sometime between October and December 1984. For additional information, contact Secretary Service Center, 9-15 Hyakunen-cho 1-chome, Shinjuku-ku, Tokyo, 160 Japan.

DAVID L. EDDINGFIELD (1941-1984)

David L. Eddingfield, Treasurer of the Water Jet Technology Association, died Thursday, January 12, 1984 at Barnes Hospital in St. Louis, Missouri where he had been a patient for two weeks following a kidney transplant.

A 1964 graduate of Southern Illinois University at Carbondale, Dr. Eddingfield earned a master's degree from SIU-C and a Ph.D. from the University of New Mexico. He joined the SIU-C faculty in 1971 and was an associate professor.

Dr. Eddingfield was a member of the American Society of Mechanical Engineers, Sigma Xi honorary society, Pi Tau Sigma mechanical engineering honorary. He was a past chairman of the Paducah, Kentucky chapter of ASME. He was a charter member of the Water Jet Technology Association, a member of the Board of Directors and the first Treasurer of the organization. He began his research in water jet cutting in 1975 with a study of an air-injected shroud to improve jet standoff distance. He conducted numerical simulation studies of the interaction of high speed jets and the surrounding air. His research also included a study of coal comminution with high velocity water jets.

Dave is survived by his wife, Suzanne, and two daughters, Shelley, 21, and Christine, 17, of Carbondale, Illinois.

Dave will be greatly missed by his friends in the Water Jet Technology Association.

SAFETY AND STANDARDS COMMITTEE

The Safety and Standards Committee met on March 9, 1984 in St. Louis, Missouri. The meeting was chaired by Dr. David Summers. The Committee is in the process of formulating the first draft on operation standards and will report to the WJTA meeting in June.