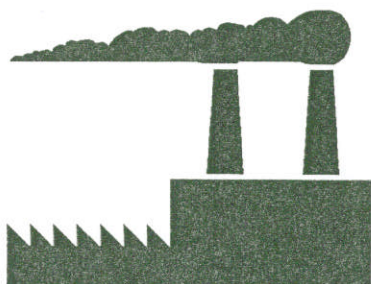


ASH AT WORK

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**ASH AT WORK is the voice of
American Coal Ash Association**

**Samuel S. Tyson, P.E.
Executive Director**

ACAA SPONSORS OPEN FORUM ON DOE STUDY OF BARRIERS TO COAL ASH USE

In conjunction with its **Midwestern Region Ash Use Workshop and Summer Meeting** in Kansas City, ACAA sponsored an open forum to supply information called for in 1992 federal legislation to identify barriers to coal ash use. In **Section 1334 of the Energy Policy Act of 1992** [Public Law No. 102-486, October 24, 1992] the U.S. Secretary of Energy was charged with the task of conducting a "**detailed and comprehensive study on the institutional, legal and regulatory barriers to increased utilization of coal combustion byproducts (CCBPs) by potential governmental and commercial users**" and reporting the findings to Congress.

The U.S. Department of Energy (DOE) had recently selected the Energy and Environmental Research Center (EERC), University of ND, to perform the study which is to serve as the basis for recommendations of actions to be taken to increase CCBP utilization. The report is due in Fall 1993. Representatives from EERC at ACAA's open forum included Research Supervisor Edward N. Steadman and Researcher Debra Pflughoeft-Hassett. Robert C. Bedick, director of the Environmental and Waste Management Division of DOE's Morgantown Energy Technology Center (METC) attended and provided a brief overview of the DOE "barriers" study. Located in Morgantown, WV, METC has the lead role in the conduct of the study and preparation of the report to Congress.

The DOE "barriers" study had been designated in 1992 by ACAA's government relations committee as a priority activity for 1993. ACAA's **1993 Business Plan** called for ACAA to "**work with the Edison Electric Institute (EED), the Utility Solid Waste Activities Group (USWAG) and the Electric Power Research Institute (EPRI)**" to provide information to DOE for its report to Congress on the barriers to increased utilization of CCBPs.

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DOE's recent selection of EERC to perform the study and the circumstances that had previously determined ACAA's summer meeting schedule combined to make the Kansas City meeting a perfect opportunity for offering information to EERC. The study became ACAA's highest priority activity because of the relatively short time period specified for completion of the study and report. EERC will employ other means for gathering information for the DOE "barriers" study, but ACAA's **OPEN FORUM** got the process off to a great start.

The **institutional, legal and regulatory barriers** to increased utilization of CCBPs were addressed at the Kansas City forum from the perspective of industry members, including ACAA's members and guests from throughout the coal ash industry, who see a variety of **practical barriers** on a continuing basis that hinder and retard increases in coal ash utilization. The force of such **practical barriers** is seen in decisions and actions by regulators and potential specifiers and users and others in activities such as: development of technical specifications; education of planners, designers, engineers, contractors and project owners; discussions of technical, environmental and economic parity; and movement of materials. The consensus was that the use of coal ash is impeded in numerous activities in which competing materials and products are relatively unimpeded; and that the force of such barriers invariably is derived from regulatory origins.

ACAA HOLDS SUMMER MEETING AND WORKSHOP IN KANSAS CITY, MO

During the week of July 20-23, 1993, ACAA held its **Midwestern Region Ash Use Workshop and Summer Meeting** in Kansas City, MO at the Embassy Suites Hotel. The hotel, located in the Country Club Plaza area of Kansas City, provided ideal meeting-room and related arrangements for ACAA's ash use workshop and committee meetings. Attendance peaked at about fifty registered ACAA members and guests during the week.

Speakers for the July 20 workshop, "**Research & Development Opportunities for Coal Ash Producers, Suppliers and Users**" included--*Harvey M. Bernstein*, president of the Civil Engineering Research Foundation (CERF), Washington, DC; and *Carl O. Magnell*, CERF's director of research. Their presentations covered CERF's mission which is to bring together diverse groups within the civil engineering community to create industry-guided R&D programs to expedite the transfer of research results into practice. CERF has facilitated gatherings of leaders from government, academia and industry to identify and prioritize research needs in national programs. The focus of CERF's efforts includes: revitalization of the public works infrastructure; improvement of business performance; enhancement of environmental quality; advancement through innovation; and commercialization of research results and technology transfer. One of CERF's activities is the establishment of a **Highway Innovative Technology Evaluation Center (HITEC)** which will evaluate new products, materials, equipment and services for which industry standards or specifications do not exist. HITEC's focus will be on innovation, although not necessarily on high technology areas. ACAA's Sam Tyson will monitor activities and opportunities with CERF and participate in CERF's National Council for Civil Engineering Research (NCCER). The next meeting of NCCER is on September 7, 1993.

Other speakers for the July 20 workshop included *Oscar E. Manz*, Manz Associates, Alvarado, MN who discussed "**Relevance of R&D to Development of Consensus Standards at the American Society for Testing & Materials (ASTM)**"; *Jerry Lonergan*, Executive Director, Kansas Electric Utility Research Program (KEURP), Topeka, KS who addressed "**R&D from the Perspective of an Electric Utility Joint Venture**"; *Tarun Naik*, Director, Center for Byproducts Utilization, University of Wisconsin, Milwaukee, WI on the subject of "**Relevance of R&D to Demonstration of Fly Ash Use Technology in Pavement Construction Projects**"; and *William D. Kirkpatrick*, Consultant, Ft. Lauderdale, FL who spoke generally about his individual efforts to develop concrete binder systems which contain large percentages of high-lime fly ash and which exhibit controlled setting-time and strength-gain characteristics. The afternoon presentations were followed by a one-hour panel discussion and question and answer session with participation by the guest speakers and workshop participants.

ACAA's ANNUAL SURVEY OF COAL ASH PRODUCTION AND USE

ACAA is now in the process of compiling data on coal ash production and use from its survey of coal-burning electric utilities throughout the USA for calendar year 1992. In order to create a comprehensive report on coal ash production and use ACAA routinely works to maximize the number of responses to its survey. The 1992 survey requested information on coal ash used both from ponded handling and storage facilities and from dry or moistened handling and storage facilities. Because of this change in the format for reporting data, ACAA must be certain that its survey continues to be representative of industry practices. Therefore, in addition to sending multiple mailings to maximize the number of responses, ACAA following up with telephone contacts where needed. Results from the survey will be shared with all respondents as soon as the needed information is received and tabulated.

ACAA's 1994 BUDGET AND BUSINESS PLAN-- Approval Process Geared for Fall 1993

The draft version of ACAA's proposed 1994 budget was given the green light by ACAA's Administrative Committee and Board of Directors recently at meetings in Kansas City. In August 1993 the several standing committee chairmen will refine their proposed budgets and business plan activities for 1994 and ACAA staff will distribute the assembled information to each committee and to the full membership for review and comment.

In previous years ACAA's budget and business plan were not finalized until the January meeting. Based on a change implemented by ACAA's Board of Directors in 1992, the current procedure calls for the 1994 budget and business plan to be prepared and ready for approval at ACAA's Fall meeting. This change in procedures is expected to result in improved operating efficiencies for ACAA's officers, committee chairmen and staff.

ACAA ELECTS NEW OFFICERS FOR 1994-1996 TERM

In 1992 ACAA's Board of Directors changed the time for election of new officers from January of the year in which their service would begin to the preceding July. This change allows new officers to have a six-month period following the July election in which to prepare for an orderly transfer of duties from current officers. Additionally, ACAA's budget and business plan for the following year now will be finalized in the three-month period following the July meeting of the Board of Directors.

ACAA's Board recently elected new officers for the two-year term beginning in January 1994. The election was held during ACAA's July 23, 1993, Board of Directors meeting in Kansas City, MO. The new officers, to be installed at ACAA's annual meeting scheduled for January 25-28, 1994, in Clearwater Beach, FL, are as follows--

Chairman	Andrew W. Stewart Cooperative Power; Eden Prairie, MN
Vice Chairman	Lon Zimmerman Midwest Fly Ash and Materials; Sioux City, IA
Secretary	C. G. Martinez Houston Lighting & Power Company; Houston, TX
Treasurer	Mark Linsberg Dayton Power & Light Company; Aberdeen, OH

ACAA's 11th INTERNATIONAL COAL ASH SYMPOSIUM

The 11th International Coal Ash Symposium to be organized and presented by ACAA will be held in Orlando, FL, USA during the week of January 22-28, 1995. The 11th Symposium will build on experience gained from the 1993 symposium in which papers were organized into several "tracks" or general subject areas for concurrent presentations. The tracks in 1993 included: high-volume applications; clean coal technology; research and development; environmental topics; and various presentations on concrete, building products, flowable fill, marketing, base stabilization and aggregates. Other topics will be welcomed as well.

ACAA currently is preparing a "call for papers and announcement" for the 11th International Coal Ash Symposium. Presentations in sessions at the symposium will be made only by authors of papers accepted for publication. Now is the time for everyone to begin the planning required to attend--either as an author and speaker or as a general registrant. In either case it is time to mark calendars and make plans to attend the 1995 symposium.

ACAA's symposium will once again be planned to attract both domestic and international authors. In 1993 approximately forty percent of the papers came from authors outside the USA.

ACAA UPGRADES COMPUTER EQUIPMENT PLUS SOFTWARE AND FAX CAPABILITIES

ACAA recently purchased an external tape backup system for its computer files. The external tape backup system provides protection on a daily basis for all of ACAA's financial, membership, technical, mailing and word-processing files. Such a system is essential to assure uninterrupted operation and service to members in the event of catastrophies such as fire and water damage or theft.

ACAA has replaced an older version of Lotus 1-2-3 software with Version 3.4 for DOS. The upgraded version allows the user to organize and consolidate data and navigate through large files more efficiently. It also enables the user to import data into Lotus 1-2-3 from other software such as Wordperfect. The updated version also has an advanced memory capability which will hold larger and more advanced spreadsheets. The improved capability for updating and analyzing data files will be very helpful to ACAA staff in processing data from ACAA's annual survey of coal ash production and use.

ACAA now owns a Hewlett-Packard fax machine that uses standard 8.5"x11" paper. The new machine replaces an AT&T fax machine that ACAA had been leasing. This change eliminates not only the lease payments but also the purchase of special rolled-paper. Substantial cost reductions will occur following the one-year payback period for the purchase of the new fax machine.

For more information contact ACAA's staff--

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