FOURTH AIEE CEMENT INDUSTRY TECHNICAL CONFERENCE

April 3, 4 and 5, 1962
CHASE-PARK PLAZA HOTEL St. Louis, Missouri

Sponsored by CEMENT INDUSTRY COMMITTEE J. F. HOWER, Chairman and ST. LOUIS SECTION – AIEE C. E. HOWE, Chairman
SPRING ENGINEERING CONFERENCE

CONFERENCE: An Engineering Conference sponsored by the Cement Industry Committee of the AIEE Industry Division Committee will be held on April 3, 4, and 5, 1962, at the Chase-Park Plaza Hotel, St. Louis, Missouri. The technical sessions will include the presentation of papers on Maintenance and Safety, Power Distribution, Electric Drives, and Automation as related to the Cement Industry. In addition to the technical sessions, arrangements have been made for a Luncheon, Banquet, and an outstanding inspection tour.

CONFERENCE CITY: St. Louis has been chosen as the conference city because of its central location. Airline accommodations to most other cities are good. At this time of year St. Louis should be sprouting out with a fresh springtime buds. There is much diversification in industry in St. Louis, with two cement plants, several cement terminals, steel mills, chemical mills, a large aircraft factory, several automobile assembly plants, several breweries, and the necessary steam power generating stations.

TECHNICAL SESSIONS: All technical sessions, schoolroom style as last year, will be held in the Khorassan Room on the first floor of the Chase Hotel. The first session will begin at 10:00 A.M., Tuesday, April 3, 1962. Mr. John F. Hower, General Chairman, will preside.

HOTEL RESERVATION: The facilities of the Chase-Park Plaza Hotel are available to the registrants for this meeting. Requests for room reservations should be mailed to the Chase-Park Plaza Hotel, St. Louis, Missouri. The enclosed advance registration and rate card for your hotel accommodations should be used. If the Chase-Park Plaza facilities become overtaxed, they will make reservations for you at nearby hotels. Please make reservations early because rooms at times are scarce.

REGISTRATION: The registration desk will be located on the first floor adjacent to the Khorassan Room and will be open 5:00 P.M. to 9:00 P.M. on Monday, April 2. On April 3 and 4 reservations will be accepted from 8:00 A.M. to 4:00 P.M. The registration fee will include one bound copy of the Conference papers. The price of the luncheon, banquet, and plant tours will be in addition to the registration fee.

Advance Registration $ 8.00
Registration at Door $10.00

Students and families of registrants will be admitted to the technical sessions at no charge. Additional tickets for the luncheon, banquet, and plant tour will be available at the Registration Desk.

TECHNICAL PAPERS: Each registrant will receive a copy of all of the papers along with other Conference information at the Registration Desk. Additional copies of papers will be on sale at the Registration Desk at a cost of $8.00 per set.

LUNCHEON: The luncheon is intended to provide a convenient get-acquainted and eating facility for the Conference, Tuesday, April 3. There will also be an interesting luncheon speaker. Take advantage of this opportunity to meet and converse with your friends in the Industry. Luncheon Fee - $4.00.

BANQUET: For the last three years, the most popular special event has been the banquet following the technical sessions for all registrants, wives, and guests. It will be held in the spectacular Tiara Ballroom of the Park Plaza at 7:00 P.M. on Wednesday, April 4. Conference registration is not required for banquet attendance. Banquet Fee - $8.50.

INSPECTION TRIP: An inspection trip to a very interesting strip mine of the Peabody Coal Company at Freeburg, Illinois, and to the Prospect Hill Plant of Missouri Portland Cement Company has been arranged for Thursday, April 5. The tour buses will leave from the Chase Hotel at 15 minute intervals, starting at 8:00 A.M. and will terminate after both inspections by buses which are routed via the St. Louis Airport, with arrivals scheduled for 3:30 P.M., again at 15 minute intervals: thence to the terminal destination at the Chase Hotel 30 minutes later. A luncheon will be provided jointly by the Alpha, Marquette, Missouri Portland and Universal Atlas Cement Companies. Tour Fee - $3.00.

HOSPITALITY & INFORMATION CENTER: Ladies will be welcome at any of the Conference activities. Although there is no ladies' program, there are many events in St. Louis to entertain the ladies, from flower exhibits at the St. Louis Botanical Garden to a very interesting local area for window shopping and not far distant, Gaslight Square for evening entertainment. St. Louis' springtime should be very pleasant at this time in early April.

An information center will be provided adjacent to the Registration Desk with up-to-the-minute news about current theatrical shows, movies, sport schedules and the entertainment shows of St. Louis' night spots. A bulletin board will be available for posting messages from your office or associates.

INQUIRIES: Any inquiries concerning this technical conference may be directed to the Program Chairman, John B. Woodward, Bendy Engineering Company, 1530 Page Industrial Boulevard, St. Louis 32, Missouri.
MONDAY, APRIL 2

5 - 9 p.m. — Registration

TUESDAY, APRIL 3

8 a.m. - 4 p.m. — Registration

10 a.m. — General Session
   J. F. Hower, General Chairman, Presiding
   Lehigh Portland Cement
   Introducing
   C. E. Howe, Chairman, St. Louis Section

10:30 a.m. — MAINTENANCE AND SAFETY
   A. Progress Toward Recommended Practices to Improve Electrical Safety in Cement Plants
      H. P. Cassel
   B. Electrical Maintenance in Cement Plants
      David Rodgers, Jr. Universal Atlas Cement Div.,
      United States Steel Corp., Buffalo, N. Y.
   C. Maintenance of Instrumentation in Cement Plants
      Richard T. Mott

12 noon — Luncheon (Khorassan Room)
   Speaker — A. Carl Weber,
   Director of Research Engineering,
   Laclede Steel Co.

1:30 p.m. — DISTRIBUTION
   R. P. Scott, Moderator
   Penn Dixie Cement Co., Nazareth, Pa.
   A. Coordinated Fault Protection and Metering for Cement Plant Electrical Equipment
      J. F. Hower
      A. A. Regotti
      A. C. Lordi
   B. A Utility’s View of Cement Plant Service
      W. U. Baun
      P. J. Britt
      C. L. Pollard

C. Frame Grounding of Electrical Equipment in Cement Plants
   R. C. White
   Macdonald Engineering Company, Chicago, Ill.
   R. J. Krekel
   Macdonald Engineering Company, Chicago, Ill.

D. Cement Plant Lighting
   Amos Turner
   Meissner Engineers, Inc., Chicago, Ill.
   Alfred Staub

E. Progress Toward Recommended Practices for Cement Plant Power Distribution
   C. E. Roberts

4:30 p.m. — Adjourn

WEDNESDAY, APRIL 4

9:00 a.m. — DRIVES AND RELATED PRODUCTS
   W. G. Lefferts, Moderator
   Allis-Chalmers Mfgs., Co., Milwaukee, Wis.
   A. Coordination of Flexible Coupling and Motor Bearings in Design, Application, Installation and Maintenance
      F. R. Kirkham
      Lone Star Cement Corp., New York, N. Y.
   B. Purchaser’s Responsibility on Receipt, Storage and Installation of Electrical Equipment
      Walter Walkling
      Ideal Cement Co., Denver, Colo.
   C. Sealed Insulation Systems and Their Application in Cement Plants
      W. A. Allan
      Universal Atlas Cement Div.,
      United States Steel Corp., New York, N. Y.
      D. W. Hertel
      Allis-Chalmers Mfg. Co., Norwood, Ohio
   D. Use and Location of Surge Capacitors and Lightning Arrestors for Machine Protection in Cement Plants
      W. A. Reynolds
      Huron Portland Cement Co. Div.,
   E. Process Sequence Interlocking Including Motion Switching and Bin Level Detection
      J. H. Herz
      California Portland Cement Co., Los Angeles, Calif.
   F. Report on Recommendations for Electric Drives in the Cement Industry
      F. J. Renn
      Louisville Cement Co., Speed, Ind.
Wednesday (continued)

12 noon — Lunch

1:30 p.m. — AUTOMATION
P. E. Carlson, Moderator
A. Experience with a Vacuum X-Ray Spectrometer in the Analysis of Cement and Raw Materials
B. Chemical Analysis and Control of a Cement Plant with X-Ray
J. W. Pastorius
W. S. Hoffman

C. A. Cement Plant Design Most Suitable for Automation
Gen. H. A. Markle, Jr.
Fuller Co., Catasauqua, Pa.
D. The Use of Process Control Computers in the Cement Industry
J. R. Romig
California Portland Cement Co., Colton, Calif.
Dr. G. E. Adams
W. M. Gaines
E. New Trends and Concepts in Automation of Cement Plants
F. Interesting Process and Operational Features of the Prospect Hill Plant
R. W. Krueger
Missouri Portland Cement Co., St. Louis, Mo.

4:30 p.m. — Adjourn

7:00 p.m. — Banquet (Tiara Room, Park Plaza Hotel)
R. E. Stroppel, Toastmaster
Invocation: The Rev. Marshall A. Bridwell
Minister, The Ferguson Methodist Church
Address by: W. G. Young
Vice-President, Administration, Lehigh Portland Cement Co., Allentown, Pa.

THURSDAY, APRIL 5

TOUR

8:00 a.m. — Board buses
3:30 p.m. — First bus return to airport
4:00 p.m. — First bus return to hotel

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