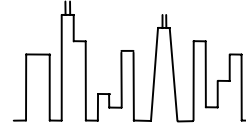


CHICAGO SECTION NEWSLETTER

April 2003 – Website Edition

Newsletter of the Chicago Section of the Society for Mining, Metallurgy, and Exploration, Inc. - Founded Spring 1987 – www.chicagosme.org



MEETING: Tuesday, April 22, 2003

Topic: “Caterpillar Global Mining Equipment Today ... and Tomorrow”

Guest Speaker: **Tony M. Johnson, Caterpillar Global Mining**

Time: 5:30 PM Social Hour
6:30 PM Dinner
7:30 PM Speaker

Place: **Golden Duck Restaurant & Bar Bohemian-American Home Cooking**
500 Ogden Avenue, Downers Grove, IL. Telephone 630-968-8887

Directions:

From I-294: Exit at I-88 Westbound, Pay 40 cent Toll, Exit at Route 83 South, Route 83 South to Ogden Avenue, Ogden Avenue West to Just Past Fairview Avenue on Right (North Side)

From I-290 Westbound: Exit at Route 83 South, Route 83 South to Ogden Avenue, Ogden Avenue West Just Past Fairview Avenue on Right (North Side)

From I-88 Eastbound: Exit at Highland Avenue, Left to Southbound on Highland Avenue to Ogden Avenue, Left to East on Ogden Avenue, East to Restaurant on Left (North Side) Just Past Dunkin Donuts

From I-355: Exit to I-88 Eastbound, Exit at Highland Avenue, Left to Southbound on Highland Avenue to Ogden Avenue, Left to East on Ogden Avenue, East Restaurant on Left (North Side) Just Past Dunkin Donuts

Menu: Entrees will be Stuffed cabbage, smoked butt, chicken (not the mangled paprika chicken we had the other night!), other items the same...soup, mashed potatoes, dumplings, sauerkraut, cabbage vegetable, coffee and homemade dessert selection.

Cost: \$25 for dinner/meeting for Members, \$30 for Non-Members. Any Science teachers or professors are considered a guest of the Section and will get dinner free. Student's dinners will only be \$5.

Call: Sarah Schlichtholz of Continental Placer, Inc. at 630-469-6340x109
or E-mail at sschlic@continentalplacer.com anytime up to morning of meeting.

From the Chairman:

It has been a real pleasure serving as Chair for the Section this past three years. I enjoy meeting with you on a regular basis. I have worked with many of you directly in the executive committee, some who have been serving in positions of responsibility for several years. From my perspective, it has been a very rewarding experience. Now, the time is here for a few of you to step up to the line become more involved with the local Section business. We are looking for those who may be interested in Executive Committee positions for the coming meeting year. In addition we will need a newsletter Editor. Please let me know if you are interested. Thanks for your support.

.-Gordie

From the Program Chairman This Meeting

Caterpillar Global Mining Mining Equipment Today ... and Tomorrow
What's Going On Caterpillar - general overview

Mining Business Trends / Technology / Outlook

Mining Equipment Today / Tomorrow

Caterpillar is the world's largest manufacturer of construction and mining equipment, diesel and natural gas engines and industrial gas turbines. As one of the Fortune 500, Caterpillar and its dealers sell products in nearly 200 countries and sponsor events that promote the company's growth-oriented, high-tech strategy.

The Speaker

Tony Johnson is Business Development Manager – Caterpillar Inc. – Global Mining. Tony is a local Peoria area native and third generation Caterpillar employee. In high school, he was class valedictorian, a three-sport/all-state athlete, an Academic All-American in football and was recruited by over fifty colleges and universities. Tony attended the University of Illinois on scholarship from 1984 -1988 where he played offensive tackle for the Illini. Upon graduating with a degree in Business Administration/Marketing, Johnson joined Caterpillar Inc. in Peoria. Tony has served various positions in service engineering, sales, marketing and commercial roles across several product lines. In 1992, he was promoted to a Field Representative position in Billings, Montana where he spent most of his time with the mining business in Montana, Wyoming and Idaho. In 1995, he was promoted to a Sales Manager position in Caterpillar's Brisbane, Australia office. While in Australia, Tony covered the mining business for Caterpillar of Australia in Queensland, Northern Territory, and Papua New Guinea. In 1999, Tony returned to Peoria to take on a Business Development Manager position in Caterpillar's newly formed Global Mining Division. This division, Caterpillar Global Mining, has the responsibility for coordinating the enterprise's mining business with it's global Caterpillar dealers and customers. Caterpillar Global Mining represents over 10% of Caterpillar Inc. sales and revenues. In 2001, Tony was selected as one of Peoria's top business and community leaders under the age of 40 for his work in promoting positive character

values to Peoria area students through his "Treasure Life" program. Tony is active in local charity events, youth sports and community leadership development. He also serves as a coach for the Peoria arena football team and does color commentary on radio for high school football. Married to Chris and with children Missy (12) and Trent (6), he actively balances a career, family and community involvement roles.

Last Meeting

Faruk Oksuz, a project manager for Black & Veatch, Chicago, gave an excellent well-attended presentation on the McCook Reservoir for the Chicago MWRDGC TARP. The reservoir features a groundwater pollution control system consisting of an overburden cut-off wall and a grout curtain around the perimeter of the reservoir. The project is being designed and constructed by the U.S. Army Corps of Engineers, Chicago District (USACE) in cooperation with the project local sponsor, MWRDGC.

Black & Veatch has designed a test grout curtain program to gather site specific data so that the USACE can evaluate and judge the feasibility of the curtain grouting program for the entire perimeter of the final reservoir.

Next Meeting

Satya Harpalani of SIU on **May 27** on new development in coal mining downstate. Please note that dates often change due to last-minute changes in speaker's schedules.

Raj Rajaram

GEM News

Friendly Reminder: 2003 Science Teachers Workshop, July 21-23, Rockford Clock Tower. Please bring corporate trinkets in quantities of 35 to our next meeting for the Science Teachers attending the workshop. We like to provide the teachers with various trinkets from companies in the mining industry via a large shopping bag. This allows them to place various businesses with our industry. The registration is now completed for 2003 with 33 teacher from all over Illinois. If your company is interested in sponsoring a Science teacher registered, please contact me at 708-583-9290.

Annie Leslie

ITT Flygt on the Move

ITT Flygt Corporation, has moved to a new 17,000 square foot location to better serve all your electric submersible pump &

mixer requirements. We thank everyone for all your valued business and look forward to continue to be of service to you, our customers and friends!

ITT Flygt Corporation

8402 West 183rd Street, Suite A

Tinley Park, Illinois 60477

Phone: (708) 342-0484

Fax : (708) 342-0491

Paul Rezmer, Construction and Quarry Sales – Cell (708) 203-4886; Mike Retter, Branch Manager and Municipal Sales; Tim Williams, Industrial Sales; Kathy Martin, Branch Office Administrator; Evelina Papageorge, Inside Sales; Mike Geist, Senior Service Technician; Jim Adler, Service Technician; Tony Dana, Service Technician

Paul Rezmer

Primedia Hosts Two Coal Shows

Coal Age and the folks at **Primedia** are gearing up for two important coal shows: **Coal Prep** and **Longwall USA**. Both shows offer a great technical program with credits for professional development hours. Coal Prep, an annual conference and exhibition will be held April 29-May 1 at Heritage Hall in Lexington, Kentucky. This year the conference celebrates 20 Years of Coal Prep. With almost 200 companies exhibiting, they expect to have an attendance of nearly 3,000. For more information:

<http://www.coalprepshow.com>.

June 3-5, **Longwall USA** returns to the new David L. Lawrence Convention Center in Pittsburgh, Pennsylvania. The newly renovated convention center overlooks the Allegheny River and the new ballparks on the other side. Longwall USA, which takes place every two years, will award three of the nation's most productive longwall mines during the Keynote luncheon. The event promises to breath new life into this international conference and exhibition, which was confined to the Pittsburgh Hilton during the construction in 2001. The organizers, Milestone Presentations, expect more than 100 exhibitors. Attendance should top 1,500. For more information: <http://www.longwallusa.com>.

Steve Fiscor

Local Mine Fatality

On March 24, 2003, Jim Cary, a 46-year-old Superintendent at Joliet Sand & Gravel with 8 years mining experience was fatally injured on the surface at an underground

stone mine. A crane was lifting steel plates that were to be used as conveyor belt take-up weights. The victim was positioning the plates when the rigging failed and the plates crushed him.

This is the fifth fatality reported in calendar year 2003 in the metal and nonmetal mining industries. As of this date in 2002, there were nine fatalities reported in these industries. This is the first fatality classified as Machinery in 2003. There were three Machinery fatalities in the same period in 2002.

Mine Safety and Health Administration

Joanne Kluessendorf in for Bone Marrow Transplant

A request from Don Mikulic: Joanne Kluessendorf will undergo a bone marrow transplant on April 8, which is also her birthday. She will be entering the hospital shortly before that date, so please send cards and best wishes to her at: Joanne Kluessendorf, Froedtert Hospital, Bone Marrow Transplant Unit, 9200 W. Wisconsin Ave, Milwaukee, WI 53226. She will be in the hospital for several weeks followed by a month or so more rest at home. Please feel free to pass this information on to her other friends and colleagues. Don Mikulic, 217-244-2518, mikulic@geoserv.igs.uiuc.edu.

Hiltabrand Out There Plugging

On March 27, Linda Hiltabrand had a Showcase Display at the meeting of the Morris Business and Professional Women. This focused on educational outreach programs from the IDNR-Office of Mines and Minerals. There were lots of "I never thought of that" looks as people learned about how minerals are needed in their daily lives. The Rock Box quiz and trailer request handouts were popular so I'm expecting some more bookings. I would encourage others to take advantage of these community requests to get the if it can't be grown it has to be mined message out.

Linda M. Hiltabrand

Governor Blagojevich Announces Plans for "Clean Coal" Power Plant to Create Jobs and Burn Illinois Coal

GOVERNOR'S OFFICE, SPRINGFIELD, ILL. – As the result of an aggressive effort to revive the state's sluggish coal industry,

Gov. Rod. R. Blagojevich today announced plans for a \$1 billion high-tech coal plant to be built in Will County on the grounds of the former Joliet Arsenal that will create hundreds of jobs and burn Illinois coal.

"This project is part of my initiative to promote the use of the state's abundant coal reserves," Blagojevich said. "Construction of this power plant will demonstrate we can burn Illinois coal without harming the environment and deliver new jobs for the mining industry in central and southern Illinois."

Indeck-Elwood LLC will construct the 660-megawatt power plant as part of a more than 2,000-acre industrial development in Elwood and incorporate clean-coal technology to reduce emissions and use as much as 2 million tons of Illinois coal per year. The plant, which is slated to begin operation in 2006, will employ at least 80 workers in high-paying technical positions and create about 200 coal-mining jobs. During construction, the union labor force is expected to peak at more than 1,200 jobs.

"Indeck is pleased to be part of the team, which includes the state of Illinois, the BNSF Railroad and Centerpoint Properties, that will build the first clean coal power generating station in Illinois in more than 30 years," said Tom Campone, president and chief operating officer of Indeck-Elwood LLC.

To facilitate the project, Indeck is eligible for about \$50 million in financial incentives from the state, including about \$25 million in general obligation bonds that would be retired using sales tax revenue paid for by tax revenue from the purchase of Illinois coal. In addition, as a "high-impact business," the company can receive investment tax credits for machinery equipment and buildings and tax exemptions for building materials.

"This project will give a boost to the coal industry and create jobs for Illinois coal miners," said state Rep. Dan Reitz, D-Steeleville. "The advanced technology to be used at this facility is a great example of the capabilities available to industry today," said Illinois Environmental Protection Agency (EPA) Director Renee Cipriano. "We are pleased to see utilization of this modern technology to allow Illinois coal resources to be used without compromising our environment."

"Gov. Blagojevich is moving ahead on his intent to provide a broader market in the future for Illinois coal," said Taylor

Pensoneau, president of the Illinois Coal Association.

The state's coal mining industry has suffered in recent decades as stricter federal air standards have forced many power companies to burn coal from western states rather than coal mined in Illinois that has higher sulfur content. Recent advances in "clean coal" technology allows power companies to burn coal mined in Illinois and meet federal environmental standards.

Of the 24 plants in Illinois that currently burn coal, only three – CILCO's Duck Creek in Canton, Southern Illinois Power Co-op in Marion and City Water, Light & Power Co. in Springfield – burn Illinois coal regularly as a result of clean coal scrubbing technology.

Logs, Sample Sets and Testing Data WANTED for Geologic Mapping

The Illinois State Geological Survey is looking for good boring records, cores, and sample sets for parts of northeastern Illinois especially Lake, McHenry and Kane Counties. Will also perform downhole geophysical logging for holes extending to bedrock in mapping areas. Contact Chris Stohr at the IGS, or 217-244-2186. Boring logs in electronic form are welcome from anywhere in Illinois.

Kokal at Mexican Iron Ore Mine

Harold Kokal visited the Pena Colorado mine and beneficiation complex at Minatitlan, near Colima, Mexico and the pellet plant at Manzanillo. The Pena Colorado deposit is a mixed massive, banded, and disseminated form once thought to be the result of limestone replacement. However, alternate hypotheses are being developed.

The stripping ratio is about 2:1. A concentrate containing 67 percent iron is produced by crushing, coarse magnetic cobbing, autogenous grinding, and magnetic separation. The concentrate is transported via pipeline to the pellet plant at Manzanillo on the Pacific coast. The pellet plant produces 3.5 million tons per year of pellets for direct reduction.

Editor's Note – We think we have finally prevailed upon Howard to give the Section a talk this fall about his travels in search of the best iron ore mine in the world.

Dry Systems Technologies Sets Mark for Hours

The latest from DST is that we have recently surpassed the 250,000 operating hour mark for dry exhaust scrubber systems installed on underground mining and tunneling vehicles and generator sets. We are averaging approximately 97% diesel particulate matter (DPM) removal plus a 90% Carbon Monoxide reduction. Response from machine operators and other personnel working in the vicinity of the equipment has been remarkably positive. With the high removal rate of diesel emissions from the exhaust, the typical complaints about diesel odor and eye, nose and throat irritation have been greatly reduced.

Ron Eberhart

Changes at Boncosky

Kevin McCarter, President of Boncosky Oil Company announced significant changes in the organization of the company. Mark Randl has been selected as Sales Manager – Automotive. Mark will lead the automotive sales team as Boncosky strives to grow the personal vehicle lubricant line-of-business in Chicagoland. Ms. Amy Brown steps up to the position of Customer Service Manager

vacated by Mark. Additionally, Mr. Phil Cassata joins Boncosky as Credit Manager.

Steve Tivy

How to Annoy ATF

Ebersole Indicted for Shipping Explosives Through Airfreight By Karl B. Hille *The Winchester Star* A Stephenson kennel operator was indicted a third time Thursday, this time for shipping explosives through airfreight, witness tampering, wire fraud, and lying to authorities. Russell L. Ebersole was charged in a six-count indictment handed down by a grand jury in the U.S. District Court for the Western District of Virginia, located in Charlottesville. If convicted on all counts, he could face a maximum of 40 years in jail and \$1.5 million in fines. Dan Woloszynowski, spokesman for the Bureau of Alcohol, Tobacco, Firearms, and Explosives, said his agency and the U.S. Department of Transportation have investigated Ebersole extensively. "In this post 9-11 era, ATF remains diligent in its effort to protect the public by proactively enforcing the federal explosives laws and regulations," he said. Ebersole, 43, of Hagerstown, Md., runs Detector Dogs Against Drugs and Explosives and the Aberdeen Acres Pet Care Center in Stephenson. According to the latest

indictment, Ebersole delivered explosives on airplanes to Washington state and Oregon in violation of U.S. law, lied to ATF agents about the shipping of those products, and contacted several people to get them to hide or destroy the evidence that such goods were shipped. Ebersole called an unidentified person and asked them to burn explosives Ebersole had stowed in a barbecue grill or to destroy the explosives by throwing them into the ocean, the indictment states. The indictment also states that Ebersole asked another person to "destroy explosives by dumping them in a park, bushes, stream, or ocean." Ebersole has already been indicted in the Eastern District of Virginia on 28 counts of wire fraud, accusing him of marketing the services of bomb-sniffing dogs that, in fact, could not detect explosives. If convicted on those charges, Ebersole could face 140 years in prison and \$1.4 million in fines. A grand jury sitting in the U.S. District Court in Alexandria indicted Ebersole on March 14 on those charges, for which he will stand trial May 14. Ebersole is also awaiting trial on Virginia perjury charges, set for trial in Richmond on April 14.