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Please Post on Bulletin Boards

February 19 – Erickson Station Tour (Lansing)

February 26 – National Engineers Week Dinner (Kalamazoo)

25TH ANNUAL ENGINEERS WEEK DINNER

Every year the professional engineering societies of Southwestern Michigan organize a dinner program to celebrate National Engineers Week. This year the dinner will be held on Thursday, February 26 at the Radisson Hotel in downtown Kalamazoo.



The presentation topic will be “The Living Machine, Ecologically Engineered Systems”, presented by David Austin, Director of Research and Development of Living Machines, Inc. at Taos, New Mexico.



Natural, or ecologically engineered, treatment systems are a publicly acceptable alternative to centralized treatment plants. These systems have been used to treat wastewater sources ranging from one home, to industrial campuses, to systems treating a few million gallons per day.

For additional details on the topic, the guest speaker and dinner, please visit the **National Engineers Week** web site:

www.spewestmichigan.org/engineersweek

Radisson Hotel, Kalamazoo 100 Michigan Ave (See map in this newsletter)	<u>Social hour: 5:30 PM</u> (cash bar) <u>Dinner: 6:30PM</u> <u>Program: 7:30PM</u>
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Location and Time

RSVP: Deadline is 2/9/2004

Contacts: <http://www.spewestmichigan.org/engineersweek/reservation.pdf>

COST: \$29.00--Professionals & Guests -- Students -- \$15.00

Remember that the Section has to pay each reservation not fulfilled. Please cancel reservations if you find you cannot attend. To attend the tour only without dinner, come to restaurant before 7:00 for parking pass. Please give meal choice as well as company affiliation with each reservation. Indicate an interest in carpooling with your reservation.



MORE MEETINGS & TOURS

On **Thursday 19 February**, we plan to tour the **Erickson Station power plant** in Lansing to view the modifications under way on the existing boiler. This is a great opportunity to view the inside of a boiler and facility while it is apart. The Erickson Station plant has a generator capable of producing 159MW and it is rated as one of the most efficient in the nation.

Dan Flynn, the project manager, and Dean Cross will be the tour guides.

The project is to convert the plant to burn Powder River Basin sub-bituminous coal rather than the Eastern Kentucky bituminous coal it was design to burn. Several projects are underway. Conversion of the boiler heating surfaces, installation of Over Fire Air ports, installation of Water Cannons to clean the furnace walls, installation of new Lungstrom Primary Air Heaters and associated duct work, installation of a new ash removal system by Allen Sherman-Hoff and finally modification of the chute work in the Coal Crusher/Transfer House.

Babcock & Wilcox built the boiler in 1969-70. Mitsui Babcock of England provided the design, the pressure parts and ancillary equipment. Jarmar of Marquette, MI is the Boiler Contractor.

Once modified, the boiler will produce the design steam flow at design conditions, but at much lower NOx emission and fuel cost.

Erickson Station is located at **3725 Canal Rd, Lansing, MI 48917**. It is best to use the Saginaw exit north of the plant, then take the exit going toward Lansing (east) to the first light, Canal Road, turn right go south several miles until you reach the plant. The gate should be open. Please see map.

An optional dinner will follow the tour at nearby Tony M's Restaurant. No dinner reservations are required.

Please contact John Lobo if interested in attending the meeting: 269-342-3342
or gracaloboj@asme.org, by **February 16, Noon**.

MARCH MEETING

Kalamazoo Gazette

On **Thursday, March 18**, we will tour the **Kalamazoo Gazette's new state-of-the-art production facility**. Our host will be production director, Tom Sewall, who has been in charge of the project from start to finish. His experience also includes being a part of press installations at newspapers in Melbourne, Fla., and Quincy, Ill.

In addition to the new MAN Roland offset press, we will see other new equipment, which includes computer-to-plate units, buffering and winding equipment and inserters. You'll have a new appreciation for your daily newspaper when you see how it's put together every day.

More details will follow in the March meeting announcement newsletter.

Please contact Jerry Dahl if interested in attending: 269-833-8232 or dahlj1@asme.org



Map to Erickson Power Station – 3725 Canal Road, Lansing



North
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