



ASME International

Susquehanna

Section News

Editor: Milton H. Leake, PE

September 2004

Chairman's Message

Welcome, everyone, to the Susquehanna Section's 2004-2005 year!

It's hard to believe that the summer's just about over and we're getting geared up for another fun and challenging year for our Section. We have already made plans for several exciting programs, so be sure to check out the newsletter and our website at <http://sections.asme.org/Susquehanna/> to find out details about when and where things are happening. We keep the website up to date with the latest news on what is going on in the Section. Please note that this is a new web address due to an ASME server change.

Following up on one of our most successful monthly meetings ever, the tour of the Storm Runner ride at Hershey Park last May, we are planning another fun, family-related event in September at the beautiful new facility of the Antique Automobile Club of America Museum. Make your reservations soon, because space is limited.

(Continued on page 2)

INSIDE THIS ISSUE

- 1 **Chairman's Message**
- 1 **Editorial –**
- 2 **Maria Graybill Scholarship Recipient**
- 3 **September Meeting Notice**
- 5 **October Meeting Notice**

Editorial

Exercise Your Right to Vote

The presidential election is really in our laps here in Pennsylvania as a "swing state". If you're like me, you have probably seen and heard as many political commercials as you care to be exposed to for several years. However, it is important that you carefully consider the issues and the impact each candidate will have on the outcomes during the next four years - then go to the polls on November 2nd and vote your reasoned choice.

If you are not registered, or haven't voted in the past several elections, you need to register to vote by one month before the election date.

MILTON LEAKE, PE

Program Plan 2004-2005

Sept 23	Hershey Antique Auto Museum
Sept 30	Executive Committee Meeting
Oct 20	Ironwood Power Plant, Lebanon
Nov 9	PE Review Course begins
Nov 18	FEA/Simulation
Dec 16	Tour Harley Davidson
Jan 21	Financial Planning
Feb 25	Artificial Heart Project
Mar 31	Distinguished Lecturer
April 21	Student Tech Talks
May 19	Hershey Park Tour
June 19	MAGLEV - Rep. Geist

**Sign up for the PE Review Course
Deadline November 1, 2004
Information and registration on the
section web page**

Chairman’s Message, continued

We are always in the process of updating and adding information to our website. You can also find the latest information there about our 2004-2005 PE Review Course, for those who might be interested in achieving Professional Engineering status next year.

We recently welcomed several new Executive Committee (EC) members, and their ideas and contributions have already had a positive impact. Thanks to Joe Olson, who led our Section as Chairman over the last two years and successfully navigated us through many challenges. Frank Reed has taken over as Treasurer from Steve Dohne, who did a terrific job. Steven Schoonmaker is now the Secretary, the position formerly held by Milton Leake. Milt will continue with his excellent work on the newsletter for this year. Marie Godfrey is now our Program Coordinator, which position had also been under Steve Dohne’s capable leadership.

With ASME’s Continuity and Change program in Phase II and expected to be fully implemented by July 2005, things are a little more challenging than usual at the Section level, due to a somewhat higher level of uncertainty. However, I expect that the Society will emerge stronger and better able to serve its members in the weeks and months ahead.

As in recent years, you are welcome to come out to our regular monthly meetings and also join us when our EC meets to set the future course of the Section. There are many interesting tasks and activities with which members can become involved. As in years past, feel free to pass along any suggestions or feedback to let us know what we can be doing to better serve our members.

I hope to have the chance to meet each of you at our September kickoff meeting at the AACA Museum in Hershey!

Best wishes! Dave
kitland2@asme.org

**Opportunities to participate in
Susquehanna Section operations and
planning**

Executive Committee Positions – All positions listed as “Open” on the Meeting Notice pages are available to be filled by any interested ASME member. Contact Dave Kitlan if you would like more information on any position.

We also welcome anyone who would like to assist the chairperson of any other committee. As a practical matter, the chairperson is the committee and is assisted by other members of the Executive Committee as needed so - any help you could provide would be most appreciated>

**Maria Graybill to receive Susquehanna
Section Scholarship**

The Susquehanna Section has awarded its annual \$1000 scholarship to Maria Graybill of Hanover, PA. Maria is an outstanding entering senior class person in Mechanical Engineering at York College, York, PA.

In addition to achieving superior academic accomplishments in her mechanical engineering and mathematics studies, Ms. Graybill is active in the student chapter of ASME and participated in a FIRST Robotics Competition at Rutgers University. Her numerous accomplishments include successful cooperative work experiences at New Standard Corporation and United Defense/LP-Ground Systems Division. Among her extracurricular activities, Maria has been a clarinetist in the York College Wind Symphony.

SUSQUEHANNA SECTION ASME



September 2004 Meeting Notice

Executive Committee
2004-2005

Chairman
Dave Kitlan, PE
Penn State University
Middletown, PA
717-948-6639
kitland2@asme.org

Vice Chairman
Michael R. C. Grandia, PE
Conestoga Wood Specialties Corp.
245 Reading Road, PO Box 158
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Secretary
Stephen J. Schoonmaker
Grove Worldwide Industries
717-597-8121 ext 1161,
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Treasurer
Frank Reed, ME
York, PA
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Program Coordinator
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Godfreymr@yahoo.com

Professional Development
Michael R. C. Grandia, PE

Public Relations
Open

Member Interests
Milton Leake, PE
York, PA
717-757-7097
leakem@asme.org

Antique Automobile Club of America (AACA) Museum

Thursday, September 23, 2004

Program: Dinner and Tour of AACA Museum - Hershey, PA

Time: 6:00 PM Registration and Social
6:30 PM Dinner
Tour (till 9:00 PM)

Cost: Adults \$20.00
Children (12 yrs. & older): \$15
Children (under 12 yrs.): \$10
Children 3 and under: Free
(Price includes museum admission)

Buffet Menu: Sandwiches, including:
Tuna Salad, Ham and Swiss, Sesame Chicken,
Turkey/Ham/Provolone on Croissant
Pasta Salad, Red Potato Salad
Fruit Cup
Mini Dessert Buffet - Tiramisu, Brownies, Cream
Puffs, Mousse
Drinks

Please call or email to leave your name, phone number and the number of persons that will be attending with one of the contacts listed below by **Noon, Friday, September 17, 2004**, to make your reservation. Please call to cancel if for some reason you are unable to attend. Also, please try to have exact change or a check.

Harrisburg/Lebanon	Dave Kitlan	717-948-6639
Lancaster	Steve Dohne	717-581-0203
York	Don Angstadt	717-848-1126
		Ext. 2448

All E-mail Reservations: kitland2@asme.org

Directory (Continued)

Member Interests

Milton Leake, PE

History & Heritage

Dave Kitlan, PE

Historian

Ed Trunk

Middletown, PA

717-948-6119

trunke@asme.org

Honors & Awards

TYCO, Inc.

Joe Olson

Harrisburg, PA

717-592-4423

olsonj4@asme.org

Unemployed Members

Milton Leake, PE

Membership Development

Steve Dohne

Board on Minorities

and Women

Open

Government Relations

Open

Professional Practice

And Ethics

Michael R. C. Grandia, PE

College Relations

Open

Student Section Advisors

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David Ferruzza

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Isaam Abu-Mahfouz, Ph.D. PE

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York College

Tim Garrsion, PhD

717-948-6119

garrison@ycp.edu

Please post this meeting notice on your company Bulletin Board.

Antique Automobile Club of America Museum

Exhibited in "real-world" settings and supplemented by labels and graphics, the AACA Museum's 100-plus restored automobiles and buses celebrate America's automotive heritage and the efforts of the collectors who rescue and restore them. There's a lot to see, a lot to learn, and a lot of fun for everyone.

The AACA Museum Website is www.aacamuseum.org

Directions to the Antique Automobile Club of America Museum

From Route 322 (East or West): Exit onto Hersheypark Drive. Turn left onto Hershey Rd., Route 39 West, at the Giant Center (look for the signs at the intersection). The AACA Museum is 1 mile on the left.

From Interstate 81: Take Exit 77, Route 39 East toward Hershey. The AACA Museum is 4.5 miles on the right.

From Lancaster and South: Follow Route 283 West to the Hershey/Elizabethtown exit, Route 743. Follow Route 743 north to Hersheypark Drive. Turn left onto Hersheypark Drive and then right onto Hershey Rd., Route 39 West, at the Giant Center (look for the signs at the intersection). The AACA Museum is 1 mile on the left.

From the Pennsylvania Turnpike: Exit at the Harrisburg East exit, exit 247. Follow Route 283 West to the Hershey/Route 322 East exit. Follow Route 322 to Hershey. Exit onto Hersheypark Drive. Turn left onto Hershey Rd., Route 39 West, at the Giant Center (look for the signs at the intersection). The AACA Museum is 1 mile on the left.

There is a map on the museum's web page, www.aacamuseum.org

Invite a fellow engineer and encourage him/her to become an ASME Member.

SUSQUEHANNA SECTION ASME



October 2004 Meeting Notice

**Executive Committee
2004-2005**

Chairman

Dave Kitlan, PE
Penn State University
Middletown, PA
717-948-6639
kitland2@asme.org

Vice Chairman

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Program Coordinator

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leakem@asme.org

Tour AES Ironwood Power Plant - Lebanon, PA

Wednesday, October 20, 2004

Program: Tour of combined-cycle gas turbine power plant

Location: 305 Prescott Road, Lebanon, PA

Time: 6:00 PM Registration
6:30 PM Tour

Cost: No cost for tour. Bring own hard hat and safety glasses if possible as supplies are limited. **Also tennis shoes are not allowed.**

Note: There is no meal planned in conjunction with this tour.

Reservations: Call the call-in person listed below by noon, Friday, October 15, 2004, to indicate your intention to attend the tour. We need to inform Ironwood of the number expected so they can arrange for tour guides.

Harrisburg/Lebanon	Dave Kitlan	717-948-6639
Lancaster	Steve Dohne	717-581-0203
York	Don Angstadt	717-848-1126
		Ext. 2448

All E-mail Reservations: kitland2@asme.org

Invite a fellow engineer and encourage him/her to become an ASME Member.

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evtrunk@aol.com

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717-592-4423
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Unemployed Members

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Board on Minorities and Women

Open
Government Relations
Open

Professional Practice And Ethics

Michael R. C. Grandia, PE

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York College

Tim Garrsion, Ph. D
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Please post this meeting notice on your company Bulletin Board.

AES Ironwood Power Plant

The AES Ironwood plant is a combined-cycle gas turbine (CCGT) plant located in Lebanon (South Lebanon Township), near Harrisburg, Pennsylvania. The \$330 million plant was ordered in 1998, and construction began in early June 1999. The plant started commercial operation on 31 December 2001, and has a 730MW output. The plant's main fuel is natural gas. Although it has also dual fuel capability to burn distillate oil, it has never been used.

The lead equipment supplier is Siemens Westinghouse. The plant consists of two Westinghouse 235 MW, W501G combustion gas turbine generators and ancillary plant. It also has the last Westinghouse Lester Designed 230 MW steam turbine generator with side condensers. The generation is connected to the existing N. Lebanon - S. Lebanon 230 kV line in the GPU Energy system. AES Ironwood generates power sold to the Pennsylvania-New Jersey-Maryland markets.

AES Ironwood and The Pennsylvania Fish and Boat Commission (PFBC) are working together to maintain and improve stream restoration, habitat enhancement, and recreational enhancement activities on streams located in the Tulpehocken and Quittapahilla Creek watersheds.

Due to limited supplies at Ironwood, if you are planning on attending and have a hard hat and/or safety glasses, it would be appreciated if you bring them to the tour. Also, if you are planning on attending the tour, steel tips are not required, but sneakers are prohibited. Also this is a tour only meeting; however there are many places to eat around the plant if you would want to grab a bite either before or after the meeting.

Directions: Ironwood Plant telephone number is: 717-228-1328

From Harrisburg and York Areas: (allow from 1 to 1.5 hours travel time)

Merge onto I-76 E/PENNSYLVANIA TURNPIKE E toward PHILADELPHIA

Take the PA-72 exit- exit number 266- toward LANCASTER/LEBANON.

Turn LEFT onto LEBANON RD/PA-72.

Continue to follow PA-72 N into the city of Lebanon

Turn RIGHT onto WALNUT ST/US-422 E.

Turn RIGHT onto E CUMBERLAND ST/US-422.

Outside of the city, the Ironwood Plant will be visible on the right side, across from the Pennsy Supply quarry.

After approximately 2.3 miles, turn RIGHT onto PRESCOTT RD. at the traffic light.

From Lancaster Area: (allow 1 hour travel time)

Merge onto PA-72 N toward MANHEIM/LEBANON

Continue to follow PA-72 N into the city of Lebanon

Turn RIGHT onto WALNUT ST/US-422 E.

Turn RIGHT onto E CUMBERLAND ST/US-422

Outside of the city, the Ironwood Plant will be visible on the right side, across from the Pennsy Supply quarry.

After approximately 2.3 miles, turn RIGHT onto PRESCOTT RD. at the traffic light.