



THE BRINE

ISPE-SALTCREEK.ORG

SALT CREEK CHAPTER

SPRING 2019

VOLUME 44 ISSUE 10

SAVE THE DATES

MAY 15, 2019

[WHITE FENCE FARM](#)

JULY 25-26, 2019

[ISPE Convention in Lisle, IL](#)

NOMINATIONS FOR 2019-2020

President: Gilbert Goodman
 President-Elect: *VACANT*
 VP Operations: Dan Grecco
 VP Professional: *VACANT*
 VP Public Relations: Damir Stasic
 Treasurer: Cindy Gustafson
 Secretary: John Eisele
 Chapter Representatives:
 John Eisele
 Dawn Brook

A vote to elect the nominees to their respective offices will be taken at the May dinner meeting.

MAY DINNER MEETING

WEDNESDAY, May 15, 2019

[White Fence Farm \(Romeoville\)](#)
Installation of Officers

Scholarship Award

Presenter:
 ISPE President
[Kristin Timmons](#), PE
 "The State of ISPE"

Gathering: 6:00 PM

Dinner: 6:30 PM

Program: 7:30 PM

Cost: \$35 (for steak add \$10)

RSVP:

[CLICK HERE](#)

OR EMAIL:

DGreccoD@netscape.net

President: Gilbert Goodman
GGoodman717@yahoo.com

President-elect: **VACANT**

VP Professional: **VACANT**

VP Public Relations: Damir Stasic
PEsparky@aol.com

VP Operations: Dan Grecco
DGreccoD@aim.com

Treasurer: Cindy Gustafson
c.gustafson@sbcglobal.net

Secretary: John Eisele

ISPE Chapter Representatives:
 Dawn Brook, DawnCBrook@gmail.com
 John Eisele, John.Eisele@qza.com

MATHCOUNTS Chairs:
 Dawn Brook, DawnCBrook@gmail.com
 Dan Grecco, DGreccoD@netscape.net

Engineers Week Chair: Dirk Krueger
dirkrueger@comcast.net

Scholarship Chair: Rich Pocius
RichJPo@aol.com

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AND NOW, A WORD ABOUT OUR SPONSOR...

Bud Hurley received the Illinois Award, the highest award conferred by I.S.P.E., for his many years of service to the profession and to the society at the national, state, and chapter levels.

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APRIL 4 MEETING MINUTES

The meeting of ISPE Salt Creek Chapter was held on April 4, 2019, at the Bohemian Crystal Restaurant in Westmont. The meeting was called to order by Dan Grecco at 7:30 pm. In attendance were 11 PE members and three guests.

Treasurer's Report –No report

Committee Reports

Operations – Dan Grecco reported that the next Chapter meeting will be on April 24th at Sawa's Old Warsaw in Broadview. The speaker will be David Alvarez of ComEd. The May meeting will be on May 15th at White Fence Farm in Romeoville for the Chapter installation with Kristin Timmons ISPE President. Dan Grecco also reported that Mathcounts went very well and that next year, BP will again be the location for the event. It was thought that this year was the final year at their location.

Dirk Krueger reported that the Engineer's Week event at IIT was successful with a large number of students and parents. He reminded everyone that younger members need to be taking over some of these events.

State Representatives - John Eisele reported that at the March 6, 2019 Board meeting the following items were discussed:

1. A priority for the Executive Committee will be to finish the development of a new App for ISPE. The app is intended to provide easy monitoring by members along with hopefully, attracting use by students for information. They are trying to have it available for download by the July convention.
2. The EC needs feedback regarding the type of seminars that would be useful to the members.
3. From the government affairs review, there are about 175 bills in Springfield that the Board is following. Most of the bills are design and build appropriations.
4. The Engineering Practice act is up for renewal this year. It is normally just extended.
5. The convention is set for July 25 & 26 at the Lisle Hilton.
6. Boot camp will be available this October. Speakers are needed.
7. The salary survey update is now available.
8. The Chapter by-laws need to be revised to include the NSPE portion. Although there are no hard and fast deadlines, but the EC would like the adoption before the July convention if possible.
9. The Foundation is being updated to include a mission to retain the engineering talent from Illinois to stay in Illinois. A number of students that have received scholarships have not stayed within the state to work after college. None of the existing sponsorships will change with the update.

Old Business; No old business

New Business

The speaker for this evening was Jim Huff of Huff & Huff/GZA who spoke about the History of Huff & Huff. The main items of the presentation are as follows:

The background of both Jim and Linda Huff is from chemical engineering and a desire to start their own engineering consulting firm. With background at the EPA, it was a business choice for this young firm to help clients with the new EPA regulations. Serving as Engineer for the Galesburg Sanitary District which has lasted 35 years, moved the firm into more wastewater design projects. Early in the history of the firm, remediation of leaking underground storage tanks was about 30% of the business. Now it is less than 2%. An EPA rule change allowed for an oxygen infusion project in Galesburg, which was extremely cost effective for the Sanitary District. The firm expanded to agriculture storage facility hazardous waste remediation. The work with IDOT and the Illinois Tollway for wetland and noise reduction has increased over the years. Early clients were law firms and their referrals for the firm's expertise. The retention of staff and qualified staff has helped continued retention of clients. In order to continue to grow, all firms must have diverse areas of expertise. When one area is slow, other areas will maintain the volume of work. A major business decision that has helped the firm greatly is to keep the overhead costs as low as possible. This also helps with the lower billable rates compared to other engineering firms. The Huff & Huff firm was sold to GZA about five years ago.

Meeting adjourned at 9:15 pm. – John Eisele, P.E.



ENGINEERS CREED

As a Professional Engineer, I dedicate my professional knowledge and skill to the advancement and betterment of human welfare.

I pledge to:

Give the utmost of performance.

Participate in none but honest enterprise.

Live and work according to the laws of man and the highest standards of professional conduct.

Place service before profit, the honor and standing of the profession before personal advantage and the public welfare above all other considerations.

In humility and with need of Divine Guidance, I make this pledge.



Beginning in 2007, the late [Andrew Tallon](#) worked at [Vassar College](#) in the Department of Art.^[4] Tallon described himself as "obsessed" with [Notre-Dame de Paris](#). He used laser scanners to map the interior and exterior of the Notre-Dame, as well as 45 other historical buildings.^[5] Tallon began scanning Notre-Dame in 2010 with Paul Blaer, going over the interior and exterior of the building. All told, they repositioned the scanner fifty times for comprehensive detail, resulting in over one billion points of data.^[5] After the [Notre-Dame de Paris fire](#) in 2019, Tallon's work mapping the building's interior was cited as a potential resource for planned reconstruction.

APRIL 24 MEETING MINUTES

The meeting of ISPE Salt Creek Chapter was held on April 24, 2019, at the Sawa's Old Warsaw Restaurant in Broadview. The meeting was called to order by Gilbert Goodman at 7:45 pm. In attendance were 11PE members and three guests members from the North Suburban Chapter.

Treasurer's Report –No report

Committee Reports

Gilbert Goodman reviewed items from the last meeting.

1. The next meeting is on May 15th at White Fence Farm
2. The Convention is scheduled for July 25th and 26th at the Lisle Hilton.
3. The By-laws need to be revised to include the appropriate provisions for NSPE. There is a template from ISPE that can be used as a guide for the revisions.

Old Business; No old business

New Business

The speaker for this evening was David Alvarez of Commonwealth Edison who spoke about the Grande Prairie Gateway Project. The main items of the presentation are as follows:

1. The Grande Prairie Project consists of providing a 345 KV transmission line from the Byron Substation to the Wayne Substation. This is a distance of about 60 miles.
2. The \$300 million project cost was the largest single project for ComEd is about 30 years.
3. The new transmission line is estimated to reduce carbon emissions by 473,000 tons over a 15-year period.
4. The easement needed for the route is 120 feet wide and the new transmission poles are about 155 feet high.
5. Routing studies were required and all property owners for an area 10 miles wide by 60 miles long were notified of the project.
6. An alternate route for the transmission line was required for the study.
7. The design of the poles included the possibility of future lines on the poles.
8. There were nine open houses and nine stakeholder meetings held to obtain comments during the permitting process.
9. The major concerns raised at the meetings included pole design, EMF generation, noise, farm operation and vegetation.
10. Of the 1800 people who attended the meetings, most were satisfied with the final routing and the impact that it would have on the land values.
11. Along the route, about 40% of the land had to be acquired. The other 60% of the land was already owned by ComEd.
12. The major lesson learned was to keep the open houses informal to avoid the large meeting format where individuals can "grand stand".
13. The project came in at about \$30 million under budget.

Meeting adjourned at 9:00 pm. – John Eisele, P.E.