

American Institute of Chemical Engineers
Dallas Section

Regular Meeting Minutes
Prepared by José Ramiro Rodríguez
June 4, 2010

Meeting Info:

Date: May 25, 2010

Time: 6:00 to 9:00 PM

Place: Two Guys from Italy Restaurant
11637 Webb Chapel Rd.
Dallas, TX 75229

Attendees:

<u>Name:</u>	<u>Position:</u>	<u>Phone:</u>	<u>e-mail:</u>
Nancy D. Garnett, PE	Vice Chair	972-647-3414	ngarnett@txi.com
Donald W. Abrahamson	Treasurer	972-443-4942	donald.abrahamson@celanese.com
J. Ramiro Rodríguez, PE	Secretary	940-725-0493	jrodriguezperazz@aol.com
Marshall W. (Neal) Abernathy	Director		NealAber@aol.com
Frederic S. Eisen, PE	Director		thefeisens@earthlink.com
James D. Meier, P.E.	Director	972-969-3930	james.meier@pxd.com
Derek White-Stevens	Director	972-235-1958 x208	dwhite-stevens@appliedconsultants.com
Bobby L. Short, PE	Director	972-820-7450	blshort@verizon.net
Fernando J. Aguirre	Member		FJA@HTRI.net
Leo Faciane	Member		lfaciane@txi.com
Ragu Khetan	Member		elkeck123@att.net
John Spessard			

Excused:

Keith Miller, PE	Chair	214-206-2711	keithmiller@atmosenergy.com
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Officers and Directors Meeting

The Chair called the meeting to order at 6:10 PM.

Copies of the minutes of last meeting, which had no quorum, were available from the Secretary.

The following subjects were discussed in the Directors Meeting:

- a. Elections:
 - a. The Vice Chair, acting as Chair, indicated that for tonight's elections, the candidates are: for Chair – Nancy D. Garnett, PE; for Vice Chair – José R. Rodríguez, P.E.; for Secretary – Daniel U; for Treasurer – Donald W. Abramson, and for Directors: Marshall W. (Neal) Abernathy, Frederic S. Eisen, PE, James D. Meier, PE, Bobby L. Short, PE, Derek White-Stevens, PE, and Keith Miller, PE, as past Chair.
 - b. There is one candidate for each position except for the directors' positions, where there are five candidates for the positions and, as per the Bylaws, only three openings. A vote would be required at least for the Directors positions.
 - c. Director Eisen was commissioned to conduct the elections.

- b. Low attendance to meetings: The Secretary presented a chart (attached) showing the distribution of the members as to grade. Most members are senior members. The membership distribution makes one question if the topics presented are attractive to the majority of the membership. We agreed to try to think of subjects that would be of interest to the members of the section. Director Abernathy suggested finding out how many PE's that need Professional Development Hours are members of the Section and, if the number is significant, look for subjects that would be of interest to them. The subject was tabled for discussion in future meetings.
- c. Membership: The membership information supplied by AICHe is in two lists, one of paying members, another of non-paying members. According to the current lists there are 97 paying members and 265 non-paying members, for a total of 362 members. The Vice chair indicated that our current e-mail database must include everyone in the lists, as it includes over 300 e-mail addresses.
- d. Bylaws: The Treasurer indicated that the Bylaws reflect that annual dues are \$10.00, while the actual amount being charged is \$20.00. Director Eisen recalled that there was a change in the dues, but it was apparently never reflected in the Bylaws. This and other possible amendments will be considered in the June meeting. The Chair asked all members of the Executive Committee to review the Bylaws for any amendments that they might deem necessary.
- e. Recognition: the Executive Committee unanimously agreed to recognize the outgoing Chair for his dedicated service to the Section and the Institute.

Upon no further business, the Meeting was adjourned.

Section Meeting

The Vice Chair announced the elections and Director Eisen conducted the procedures. The Chair, Vice Chair, Treasurer and Secretary were elected by acclamation, as there were no other candidates presented. The Directors positions were voted upon and three Directors were elected. The new Executive Committee is as follows:

Chair:	Nancy D. Garnett, PE
Vice Chair:	José R. Rodríguez, PE
Treasurer:	Donald W. Abramson
Secretary:	Daniel U
Directors:	Marshall W. (Neal) Abernathy Bobby L Short, PE Derek White-Stevens Keith Miller, PE, as immediate past Chair

Upon no further business the meeting was adjourned.

The acting Chair announced that the speaker of the night would be Dr. Brian Stump, who would be speaking about Historic Earthquakes and the Recent DFW Earthquakes. She made a brief summary of Dr. Stump's extensive CV and qualifications.

Presentation

Speaker: Brian Stump

Biography:

Brian Stump received his B.A. from Linfield College (1974), his M.A. and Ph.D. from University of California, Berkeley (1975, 1979), where he held a UC Regents Intern Fellowship. Immediately following his graduate education he spent 4 years on active duty with the US Air Force as a staff seismologist and ultimately as Chief of the Geological Siting and Seismology Section. He joined the faculty of Department of Geological Sciences at Southern Methodist University in 1983 and now holds the Albritton Chair of Geological Sciences.

Recent work in collaboration with the Korean Institute of Geosciences and Mineral Resources has focused on the acquisition and utilization of combined data sets of seismic and low frequency acoustic (infrasound) data for characterization of events at or near the solid earth atmosphere boundary. He and his research group have designed, constructed and now operate a set of innovative seismo-acoustic laboratories that provide observations from man-made events such as mining and construction explosions, as well as natural events such as earthquakes and bolides.

Summary of presentation:

Topic: Historic Earthquakes and the Recent DFW Earthquakes – 1 hour CEUs

During 2008 and 2009 there were unusual earthquakes near the DFW area, apparently originating near the Barnett shale. In this area, water residue from oil and gas extraction was being injected into the earth crust at a depth of 4.4 to 4.8 km. USGS seismographs had shown the origin of the earthquakes in the general area where injection was being conducted. The distance of these seismographs from the location of the epicenters was such that triangulation was not sufficiently accurate for precise location of the epicenters.

Dr. Stump and his team installed portable seismographs near the apparent location of the epicenters. These measurements permitted plotting of the epicenters more accurately. They located the epicenters along a fault near the DFW airport where water was being injected. The closest injection point was shut down after Dr. Stump's work was made public, and the earthquakes have apparently subsided.

Dr. Stump described the methods and the equipment used by his team, demonstrating the accuracy of the methodology.

The presentation ended with a short questions and answers period. Vice Chair Garnett presented Dr. Stump with a token of our appreciation.

AIChE Dallas Section Membership Distribution - May 2010

