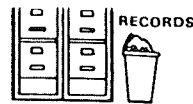


"WRITE IT"

Memo



TO John Sanders

BLDG. 75

DATE 10-25-83

SUBJECT East Tennessee AICHE Diamond Jubilee Celebration

I am glad to report that our Diamond Jubilee Celebration was an outstanding success! We had approximately 220 people attend the Chemical Engineering Symposium and 100 attend the banquet. Five charter members and over half of the past Chairmen attended the banquet. Attached is some information from the celebration (A copy of the local section history and my opening comments). Additional information will be in our next newsletter!

DEPT. _____ SIGNED Dan Bensing BLDG. _____ EXT. _____

TEC 4756 (4-82)

(A TRANSIENT RECORD)

This document was found in AICHE HQ archive - produced by your section around 1983.

It may be helpful in your efforts to distill a section history summary.



SEVENTY FIVE YEARS OF PROGRESS

A Brief History of the
East Tennessee Section of the
American Institute of Chemical Engineers



East Tennessee Section

KINGSPORT, TENNESSEE

The East Tennessee Section of the American Institute of Chemical Engineers (AIChE) traces its origin back to the TEC Junior Chemical Engineers' Club which was organized on December 7, 1943. The membership of this group was limited to employees of TEC. It had as its purpose, in addition to technical advancement, the acquainting of its membership with the operations of various departments and divisions of TEC. Most of the members of this club were also Junior members of the AIChE.

After about a year, interest in forming a local section of the AIChE was expressed. Therefore, on Wednesday evening, February 14, 1945, a group of twenty-seven chemical engineers met in the Research Library (then in Building 95) of TEC. Members of the Tennessee Eastman Junior Chemical Engineers' Club, as well as members of the national AIChE, were represented in the group. The purpose of the meeting was to consider organization of a local section of the AIChE. Dr. R. L. Hasche presided at the meeting and reported on his contacts with the National Committee on local sections. He learned that the successful operation of the Junior Chemical Engineers' Club could be used as the one-year probationary period necessary to obtain a local section charter. This would enable the group to obtain a charter immediately. After considerable discussion, it was moved and seconded that if it were agreeable with the Junior Chemical Engineers' Club, steps would be taken to organize a local section of the AIChE. The motion was passed unanimously and the meeting declared open for nomination of officers. At this first organizational meeting, the following officers were elected:

Chairman: R. L. Hasche
Vice-Chairman: C. L. Fletcher
Secretary-Treasurer: Jack J. Gordon
Directors: M. B. Convisor
R. B. Hickey

It was also moved, seconded and adopted that the Executive Committee "be instructed to study sample By-Laws and make recommendations thereon, pending final adoption."

On April 4, 1945, a business meeting was held. Dr. Hasche read the correspondence with the TEC Junior Chemical Engineers' Club and the letter of petition for charter to the AIChE. The proposed By-Laws for the Section were discussed and passed after a minor amendment. Plans for the first regular meeting were then discussed. The meeting concluded after a resolution was passed giving Dr. Hasche "a vote of thanks for the way in which he handled the organization of the Section."

The presentation of the charter to the East Tennessee Section was made at its first general meeting on April 10, 1945. With 45 members enrolled at this time, the Section became the 19th local section to receive a charter. (The Junior Chemical Engineers' Club eventually evolved into the TEC Professional Development Club.) About 100 members and guests were present at the meeting. Dr. Bass, then National President of the AIChE, was the principal speaker. He spoke on the subject "Regional Development Through Industrial Research."

During the first ten years, there were a number of highlights in the history of the East Tennessee Section as its membership grew to 91. There were field trips to area industries, technical meetings and meetings devoted to professional development. Two national officers spoke at local meetings. One of the most ambitious undertakings was the co-sponsorship of an Intersectional Meeting with the Northeast Tennessee Section of the American Chemical Society. This meeting was held May 7 and 8, 1948, at the General Shelby Hotel in Bristol, Virginia. With a total registration of 326, the meeting was the largest local scientific meeting in the South. The program included 17 technical papers presented in five sessions, two plant trips, and a banquet.

On October 14, 1955, the Section held a special Tenth Anniversary Meeting at Ridgefields Country Club in Kingsport, Tennessee. In attendance were 110 members and guests. Mr. Andrew Scott, Chairman of the Section, presented certificates to the ten past chairmen in recognition of the work they had done. The speaker for the evening was Dr. B. F. Dodge, Chairman of the Chemical Engineering Department of Yale University and 1955 President of AIChE.

The East Tennessee AIChE has grown in many ways since then and it now has close to 280 members. The section has continued to bring in prominent speakers for its meetings. The attendance at meetings is currently experiencing an upswing these past several years. In 1982, the section became incorporated in the State of Tennessee. At the same time, the highly successful newsletter was begun. Also, a member of the local section, John Sanders, was elected Vice-President of the National AIChE.

Several members have been awarded the grade of Fellow of the AIChE. they are listed in Appendix A. All members who have held elected offices in the local section are listed in Appendix B. Many others have joined with these people to contribute to the success of the local section.

The future of the local section looks bright. More members are involved in local section activities than any time in the recent past. The section has won national membership awards the past two years for recruitment of new members. There are now eight standing committees working on programs and activities for the section. These committees are:

Accommodations	Professional Development
Government Interaction	Programming
Membership	Public Relations
Newsletter	Student Affairs

In 1983, the East Tennessee Section is joining with the national AIChE to celebrate the 75th anniversary of the Institute. The successful local Diamond Jubilee Celebration with its Chemical Engineering Symposium and special banquet will provide an additional boost in momentum as the section plans its future activities. Next year, several members will be serving the national AIChE in leadership positions. In addition to John Sanders serving as National President, local section members will hold elected positions in the Environmental Division and Marketing Division. Others will serve on several national committees. After 38 years of service to chemical engineers in East Tennessee and Southwest Virginia, the East Tennessee Section is continuing to build on its past accomplishments and seek ways to help its members, profession and community more in the years ahead.

Dan Bensing

Appendix A - Fellows of the AIChE

George A. Akin

Thomas W. Booth

Robert C. Petrey

Michael A. Piazza

John H. Sanders

H. Andrew Scott

William H. Seaton

William S. Shaw

Carl L. Wilson

Add Jeff Sirolo

SKS

9.1.98

Appendix B

List of Officers and Directors
East Tennessee Section AIChE

	1945	1946	1947	1948
Chairman	R. L. Hasche	C. L. Fletcher	W. E. Gift	G. I. LeMaster
Vice Chairman	C. L. Fletcher	W. E. Gift	G. I. LeMaster	C. A. Marshall
Secretary-Treasurer	Jack Gordon	G. I. LeMaster	Ed Grayson	E. L. Gustafson
Director	M. B. Conviser	M. B. Conviser	R. B. Hickey	W. L. Campbell
Director	R. B. Hickey	R. B. Hickey	W. L. Campbell	W. G. Grubb
Director	C. O. Butler	W. L. Campbell	W. G. Grubb	T. W. Doub
	1949	1950	1951	1952
Chairman	C. A. Marshall	W. L. Campbell	R. H. Morrison	T. W. Doub
Vice Chairman	W. L. Campbell	W. G. Grubb	R. J. Schrader	E. L. Gustafson
Secretary-Treasurer	P. H. Schneider	R. H. Morrison	J. Knox Pannill	Ben Thompson
Director	W. G. Grubb	T. W. Doub	E. L. Gustafson	R. E. Bevington
Director	T. W. Doub	E. L. Gustafson	R. E. Bevington	H. A. Scott
Director	E. L. Gustafson	R. E. Bevington	H. A. Scott	R. C. Burton
	1953	1954	1955	1956
Chairman	E. L. Gustafson	R. O. Hubbard	H. A. Scott	T. F. Reid
Vice Chairman	R. O. Hubbard	Carl Wilson	T. F. Reid	P. C. Underwood
Secretary-Treasurer	T. F. Reid	M. L. Gernert	P. C. Underwood	R. C. Hunt
Director	H. A. Scott	R. C. Burton	J. H. Jensen	C. B. Mather
Director	R. C. Burton	J. H. Jensen	C. B. Mather	R. C. Petrey
Director	J. H. Jensen	C. B. Mather	R. C. Petrey	R. G. Schultz
	1957	1958	1959	1960
Chairman	P. C. Underwood	J. L. Williams	M. L. Gernert	J. A. Mitchell
Vice Chairman	J. L. Williams	M. L. Gernert	J. A. Mitchell	C. O. Wimbish
Secretary-Treasurer	A. J. Peacock	-	-	H. J. Lewis
Director	R. C. Petrey	-	-	A. J. Peacock
Director	R. G. Schultz	A. J. Peacock	A. J. Peacock	M. B. Convisor
Director	C. C. Hyatt	-	M. B. Convisor	G. A. Akin
	1961	1962	1963	1964
Chairman	C. O. Wimbish	W. S. Shaw	J. H. Jensen	F. A. Kays
Vice Chairman	W. S. Shaw	J. W. Clapp	F. A. Kays	H. E. Rule
Secretary-Treasurer	R. C. Yantz	F. A. Kays	S. D. Neely	W. B. Robertson
Director	M. B. Convisor	J. L. Williams	T. F. Reid	H. A. Scott
Director	J. L. Williams	T. F. Reid	H. A. Scott	J. C. Stras
Director	T. F. Reid	H. A. Scott	J. C. Stras	C. C. Hyatt

	1965	1966	1967	1968
Chairman	H. E. Rule	S. D. Neely	W. B. Robertson	A. E. Lewis
Vice Chairman	W. B. Robertson	J. Bearden	A. E. Lewis	W. E. Dunn
Secretary-Treasurer	J. P. Reedy	J. C. Briddell	R. L. Boys	L. J. Lilly
Director	J. C. Stras	C. C. Hyatt	R. C. Petrey	T. W. Booth
Director	C. C. Hyatt	R. C. Petrey	T. W. Booth	J. H. Jensen
Director	R. C. Petrey	T. W. Booth	J. H. Jensen	H. A. Scott
	1969	1970	1971	1972
Chairman	W. E. Dunn	H. J. Lewis	L. J. Lilly	A. M. McConnell
Vice Chairman	H. J. Lewis	L. J. Lilly	A. M. McConnell	G. M. Stevenson
Secretary-Treasurer	W. Crawford	A. M. McConnell	F. W. Crabtree	H. E. Pryor
Director	J. H. Jensen	H. A. Scott	J. L. Williams	C. B. Mather
Director	H. A. Scott	J. L. Williams	C. B. Mather	G. K. Finch
Director	J. L. Williams	C. B. Mather	G. K. Finch	W. S. Shaw
	1973	1974	1975	1976
Chairman	G. M. Stevenson	R. C. Yantz	W. M. Crawford	E. W. McConnell
Vice Chairman	R. C. Yantz	W. M. Crawford	E. W. McConnell	F. H. Shuler
Secretary-Treasurer	A. L. Norrell	E. W. McConnell	J. A. Gust	W. J. Litz
Director	C. D. Cottrell	W. S. Shaw	W. H. Seaton	M. A. Piazza
Director	W. S. Shaw	W. H. Seaton	M. A. Piazza	H. E. Rule
Director	W. H. Seaton	M. A. Piazza	H. E. Rule	F. F. Chen
	1977	1978	1979	1980
Chairman	F. H. Shuler	W. J. Litz	D. W. Lane	J. V. Smith
Vice Chairman	W. J. Litz	D. W. Lane	J. V. Smith	C. N. Sittel
Secretary-Treasurer	Sam Dortch/ D. Davis	D. M. Haseltine	L. C. Treece	E. F. Herrington
Director	H. E. Rule	F. F. Chen	J. E. Tackett	T. D. Parish
Director	J. F. Chen	J. E. Tackett	T. D. Parish	R. C. Yantz
Director	J. E. Tackett	T. D. Parish	R. C. Yantz	T. H. Parham
	1981	1982	1983	
Chairman	C. N. Sittel	D. P. Folk	D. L. Bensing	
Vice Chairman	D. P. Folk	D. L. Bensing	D. T. Hodge	
Secretary	D. L. Bensing	D. T. Hodge	B. W. Overturf	
Treasurer	M. S. Knight	M. S. Knight	S. V. Ervin	
Director	R. C. Yantz	T. H. Parham	J. W. Litz	
Director	T. H. Parham	J. W. Litz	D. W. Lane	
Director	J. W. Litz	D. W. Lane	E. W. McConnell	

Opening Comments
East Tennessee AIChE
Diamond Jubilee Banquet
October 20, 1983

Tonight, I would like to provide you with a brief history of the American Institute of Chemical Engineers (AIChE) and of our East Tennessee Section. But before I do that, it would be helpful to look at the origin of the chemical engineering profession.

Throughout history, man has been practicing chemical engineering. The ancient Egyptians, according to historical records, practiced filtration 5,000 years ago. The first recorded description of a batch distillation occurred in Cleopatra's time in Egypt around 50 B.C. However, because of other, older historical descriptions of products, such as essential oils, perfumes, medicines, beverages, etc., it can be deduced that distillation in some form was known probably as much as 1,000 to 2,000 years before that time.

For ages, practitioners experienced a sort of identity crisis. The profession had no name until the latter part of the 1880's and there was no fixed course of study. Most of the early chemical engineers were trained as chemists or mechanical engineers. The term "chemical engineer" made its first appearance in Great Britain and the United States around 1880. The basis of the profession's technology was developed around the same time in Germany and the Scandinavian countries.

However, chemical engineering soon became an American phenomenon as a result of the relatively young country's industrial development and demand for new materials and products.

American colleges began offering chemical engineering courses around the turn of the century. By 1888, MIT was offering a course in chemical engineering. Other colleges, including the University of Pennsylvania, Tulane University and the University of Michigan, soon followed.

However, it took the founding of AIChE in 1908 for the profession to truly coalesce as an accepted engineering discipline. In June of that year, forty charter members gathered in Philadelphia to dedicate themselves to the advancement of chemical engineering technology and thus was launched 75 years of progress.

From its beginning, the AIChE has made a significant contribution to the development of the profession through its insistence on quality chemical engineering education. In fact, in 1925, when the society was only 17 years old, it became the first technical society to accredit college curricula.

Early chemical engineering curricula consisted mainly of industrial chemistry courses, some physics and mathematics and a general knowledge of other engineering studies. No attempt was made at that time to integrate subjects. This resulted in a very disjointed course of study.

The breakthrough in chemical engineering education came with the development of the concept of "unit operation." The term was coined by A. D. Little in 1915. The classic textbook, Principles of Chemical Engineering, by William H. Walker, Warren K. Lewis, and William H. McAdams, published in 1923, became the basis of this new phase of chemical engineering teaching.

World War II produced the next significant breakthrough. Chemical engineers were instrumental in a number of key technological advances. A major American coup was the marshalling of technology and resources to mass produce penicillin; chemical engineers took the discovery of a chemist, Alexander Fleming, and helped mass produce the needed drug.

Chemical engineers were also involved in the Manhattan Project, which produced the first atom bomb. The technology generated from this research is now being explored for peaceful and safe applications of nuclear energy.

A third wartime development which led to positive peacetime results was the establishment of a synthetic rubber industry.

At about the same time, the chemical engineering profession was growing in Kingsport, Tennessee, along with the growth of Tennessee Eastman Corporation. On December 7, 1943, the TEC Junior Chemical Engineers' Club was organized. It had as its purpose, in addition to technical advancement, the acquainting of its membership with the various departments and divisions of TEC. Most of the members of this club were also Junior members of the AIChE.

After about a year, interest in forming a local section of the AIChE was expressed. Therefore, on Wednesday evening, February 14, 1945, a group of twenty-seven chemical engineers met in the Research Library (then in Building 95) of TEC. Members of the Tennessee Eastman Junior Chemical Engineers' Club, as well as members of the national AIChE, were represented in the group. The purpose of the meeting was to consider organization of a local section of the AIChE. Dr. R. L. Hasche presided at the meeting and reported on his contacts with the National Committee on local sections. He learned that the successful operation of the Junior Chemical Engineers' Club could be used as the one-year probationary period necessary to obtain a local section charter. This would enable the group to obtain a charter immediately.

After considerable discussion, it was moved and seconded that if it were agreeable with the Junior Chemical Engineers' Club, steps would be taken to organize a local section of the AIChE. The motion was passed unanimously and the meeting declared open for nomination of officers. At this first organizational meeting, the following officers were elected:

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R. B. Hickey

It was also moved, seconded and adopted that the Executive Committee "be instructed to study sample By-Laws and make recommendations thereon, pending final adoption."

The by-laws were adopted at a business meeting on April 4, 1945. At its first general meeting on April 10, 1945, the National President of the AIChE, Dr. Bass, presented the charter to the East Tennessee Section. With 45 members enrolled at that time, the Section became the 19th local section to receive a charter.

The TEC Junior Chemical Engineers' Club continued for a few more years and then evolved into the Eastman Professional Development Club.

Here is a photograph of the original minutes of the first meeting. It is interesting to note the starting time - 9:15 p.m. I would hate to see what kind of attendance we would have starting that late!

During the first ten years, there were a number of highlights in the history of the East Tennessee Section as its membership grew to 91. There were field trips to area industries, technical meetings and meetings devoted to professional development. Two national officers spoke at local meetings.

One of the most ambitious undertakings was the co-sponsorship of an Intersectional Meeting with the Northeast Tennessee Section of the American Chemical Society. This meeting was held May 7 and 8, 1948, at the General Shelby Hotel in Bristol, Virginia. With a total registration of 326, the meeting was the largest local scientific meeting in the South. The program included 17 technical papers presented in five sessions, two plant trips, and a banquet. It received extensive coverage in local papers and national magazines such as Chemical & Engineering News, and this article in Chemical Engineering Progress.

On October 14, 1955, the Section held a special Tenth Anniversary Meeting at Ridgefields Country Club in Kingsport, Tennessee. In attendance were 110 members and guests. Mr. Andrew Scott, Chairman of the Section, presented certificates to the ten past chairmen in recognition of the work they had done. The speaker for the evening was Dr. B. F. Dodge, Chairman of the Chemical Engineering Department of Yale University and 1955 President of AIChE. Here he is shown with Hal Morrison, Andy Scott and ~~P. C.~~^{Carol} Underwood.

The East Tennessee AIChE has grown in many ways since then and it now has close to 280 members. The section has continued to bring in prominent speakers for its meetings. The attendance at meetings is currently experiencing an upswing these past several years. In 1982, the section became incorporated in the State of Tennessee. At the same time, the highly successful newsletter was begun. Also, a member of the local section, John Sanders, was elected Vice-President of the National AIChE.

Developments in the field of chemical engineering continue to occur. Recent areas where chemical engineering has had a great impact include:

1. Space, and in particular propulsion systems, fuel cells, and materials of construction.
2. Ultra-pure materials for integrated circuits in computers.
3. Advances in better utilization of our natural resources. A good example of this is the Eastman "Chemicals from Coal" project.

After 38 years of growth, the future of our local section looks bright. I just learned last week that we have won a national membership award for the second year in a row. This means our recruitment of new members is in the top five percent of all local sections. More members are involved in local section activities than any time in the recent past. We are expanding into new areas to better serve our members and the local community. These areas include professional development, government affairs, and career guidance for students. The success of today's Chemical Engineering Symposium (which attracted over _____ participants) and tonight's banquet are two other indicators of a new enthusiasm among our members. This enthusiasm has carried over into national activities as well. Several members will be serving national AIChE in leadership positions in 1984. In addition to John Sanders serving as President, local section members will be serving in elected positions in the Environmental Division and Marketing Division. Others will be serving on national committees.

We in the East Tennessee Section are proud of the heritage and history of the AIChE, and we are glad you are here to celebrate it with us tonight. Several of our members will be going to Washington, D.C., the first week in November to join the national celebration. The highlight of the week will be a special banquet at which President Reagan is scheduled to attend. I invite you to join us if you can. That meeting will complete a year of celebration, but the AIChE is not content to rest on its past accomplishments. It is constantly searching for new ways to better serve its members and society. With your help, the East Tennessee AIChE will also grow and build on these past 75 years of progress!

Dan Bensing
1983 Chairman