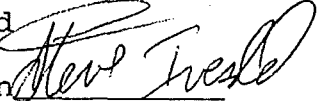


ASHRAE  
HISTORY FOR KANSAS CITY CHAPTER

Submitted by: E.F. "Cass" Cassing  
Roland M. Spencer

Received and Approved

Regional IX Historian

  
STEVE IVESDAL

DATE 9-27-89

Region IX Chairman

  
LARRY JENKINS

DATE 89-10-3

1904

The American Society of Refrigeration Engineers (ASRE) was formally organized, also in New York City, in 1904, separately from ASHVE. This group was incorporated August 30, 1905, under New York state law with John E. Starr of New York City as first president. Like ASHVE the objectives of the founders were to advance and improve their technical skills and extend knowledge of refrigeration science and practice.

Until 1959 ASRE and ASHVE functioned separately with similar objectives. Each published an annual book of transactions and a journal, usually monthly, containing the record of technical presentations and activities of each society. Many business and educational leaders and innovators were active members of both societies because they were involved in both refrigeration and heating/ventilating work. In the early Nineteen Hundreds few systems were installed that included mechanical cooling for comfort. The early systems of refrigeration were installed in ice making and cold storage plants for food preservation. Comfort air conditioning appeared first in theatres and other public gathering places. In the early thirties the complete air conditioning of hotels became common, especially in the sun belt states. The growing market for air cooling equipment forced more and more members of the two societies to become proficient in both heating/ventilating, and in refrigerating work, leading

eventually to the combining of the two societies. Both approved a formal merger which took place in 1958 under the present name ASHRAE. A few "High-lights" of the separate lives of the two parent societies prior to the 1958 merger follow:

#### ASHVE 1914

About this time a group of 20 or 25 Kansas City area people engaged in the heating and ventilating trade started to meet periodically in Kansas City. Several of these men were ASHVE members. By 1914 local ASHVE chapters had been organized in Chicago (1906), New York City (1911) and Boston (1912), Cleveland, Detroit, and Philadelphia followed in 1916 and Society membership reached 637.

#### ASHVE 1916

The Kansas City group, led by seven men who were ASHVE members (see list below) elected Herbert H. Whitten President in 1916 and applied for an ASHVE chapter for Kansas City, Missouri. Their application was approved in January, 1917. Some of the members who signed the application were from nearby cities because ASHVE required ten members to form a chapter and Kansas City had only seven at the time. The list follows:

John H. Kitchen 06L\*45 - Kitchen Co.

Benjamin Natkin 07M\*40 - Warren Webster Co. (Strn. Htg. Eqmt)

Herb W. Whitten 08M\*? - Chamberlain Metal Strip Co. (member since 1908)

F.A. DeBoos - Underfeed Stoker Co.

E.A. Cline - General Heating Supply Co.

R.F. Taylor - Consulting Engineer \*

Berry A. Broom

Lester L. Byson

F.R. Hull

Linn Millis - Security Furnace Co.

J.M. Kent - Faculty; Manual Training High, K.C. Mo.

J. K. Hoffman

Note (\*) R.F. (Reg.) Taylor became Society President in 1953 after many years practice as an independent mechanical consulting engineer in Texas. John H. Kitchen began his AHVE service about 1906 and continued active for many years. Only six chapters of the society are older than the K.C. Chapter.

They are: Chicago, New York City, Boston, Detroit, Cleveland, and Philadelphia.

ASHVE 1919

By 1919 Kansas City had a strong and growing ASHVE Chapter of 50 members. They held dinner meetings with technical programs and discussions on the first Thursday of each month. Programs for the coming year were printed in a well edited roster. Frank Sheppard of Johnson Controls was President. In the early years there were few independent consulting engineers. Most H & V systems were designed by manufacturers sales engineers at no cost

to the architect. This system did not properly protect the owners interest. Competition was limited, design standards were not maintained and quality construction was not enforced. However, by 1919 consulting engineers Walter Gillham and Herman Henrici of Kansas City were in business and were active in the society both locally and nationally. Gradually, over many years, consulting engineers took over the design of mechanical systems for most major buildings.

ASRE 1904-41

Numerous K.C. area people were active members of the parent organization without benefit of regular local meetings.

Including: Roderick H. Tait, St. Louis, ASRE president, 1910, and Robert M. McCandlish, Kansas City, ASRE Director, 1914-15.

ASRE 1905

The first ASRE yearbook was published in 1905 containing proceedings of meetings, technical papers and information about members. In 1914 publication of the "ASRE Journal" was begun as a bi-monthly magazine superceeding the annual "TRANSACTIONS" yearbook. After 1922 the published information on ASRE activities was issued monthly in the official magazine of the Society, "REFRIGERATIONG ENGINEERING." In 1958 "Refrigerating Engineering" became the 'ASHRAE JOURNAL" to serve the combined societies.

ASRE 1917

Branch associations (sections) were first formed beginning in 1917 with New York City (52 members) and St. Louis (12 members). Chicago and Milwaukee local chapters followed shortly.

ASRE 1941

The Kansas City Section received its charter from ASRE May 28, 1941. The 50 charter members, including leaders of all facets of the industry, are listed below. Most of these men had actively supported the parent organization for many year.

<sup>FF</sup> E.M. Dodds	M.W. Pehl
James C. Irwin, Jr.	John W. Sylvester
Earl G. Morgan	E.L. Tramposh
Benjamin F. Cook	Frank K. Biggs
Herbert L. Trask	R.F. Cox
Howard A. Middleton	Vernon Hugmann
O.C. Hageman	Lewis P. Heaven
W.L. Kartzebonn	C.E. Huff
Charles E. Cowdery	L.A. List
C.K. Litman	Bert Lovel
Nathan Baraban	O.K. McCullough
C.A. Smith	Elmer H. Meyer
Berry E. Allen	V.J. Ralston
Edward H. Donnelly	R.F. Richardson
A.J. Harton	L. H. Roberts
Leslie F. Huvner	W.A. Schade

L.J. Krause

J.H. Schmall

W.W. Mason

George E. Willis

M.C. Reefer

Norman Wilson

E.A. Thompson

U.M. Scurlock

William A. Zunow

Max McCallister

C.P. Bugen

Louis A. Mendlenhall

R.E. Meeker

L.H. Roberts

George Collister

C.W. Via

ASHVE 1924

Kansas City Chapter was host for the semi-annual meeting of the Society June 10, 11 and 12 at the Hotel Muehlebach. Consulting engineer Walter E. Gillham was Chapter President and John H. Kitchen was general chairman for the meeting arrangements. E.K. Campbell of K.C. presented one of the many technical papers. Local members "fell to" with a will to welcome and entertain their out of town guests who were wined and dined at the then-brand new Kansas City Club building and at Hillcrest Country Club. Golf facilities were made available at Mission Hills and Meadow Lake Clubs. Jesse Clyde Nichols planned tours of his developing Country Club Plaza to help display the beauty of Kansas City-Gateway to the West. Membership was growing rapidly-about 2,000 by this time. *NATIONAL*

ASHVE 1925

The membership made a decision crucial to the society's

development. They voted to tax themselves ten dollars each to provide continuous support for the Research Laboratory. Since that time expanding research and the distribution of sound technical information has been the paramount objective of the society. Kansas City Chapter supported the new and stronger commitment to research the following year by giving \$408.86 to donate to research that year to supplement corporate and individual gifts.

#### ASHVE 1941

The 47th Annual Meeting was held in Kansas City January 24-29, 1941 at the Muehlebach Hotel with 418 registered members and guests attending. Society membership was up to 3,000 by this time. Gustav Ottberg of U.S. Engineering Co. was Chapter President. John M. Arthur, Jr. was General Chairman and W. L. Cassell Co-Chairman of the committee on arrangements. This year the ASHVE Research Laboratory, with the cooperation of eleven major engineering colleges completed nine research projects and launched eight new ones meanwhile continuing many "in progress" investigations all aimed at producing and publishing basic fundamental data in the annually updated Guidebooks of the society. Forest H. (Frosty) Dodds at 95 KC chapter's oldest living member at this writing, acted as "MC" for the "get together" luncheon. H. Roe Bartle, later Mayor of KCMO gave an inspirational talk in his "inimitable" style.

ASHVE 1954

ASHVE changed its name to The American Society of Heating and Air Conditioning Engineers (ASHAE), recognizing the society's rapidly growing involvement with air conditioning.

ASHAE 1956

This was the first year for Regional Chairmen and Directors (seven of them initially, twelve in later years). Each is a member of the Society board of directors (formerly the "Council") and also leads the chapter activities in his region. Each Regional Chairman presides over an annual Chapter's Regional Committee (CRC) meeting in his region. The CRC consists of 2 representatives from each chapter in a region plus the Regional Director.

ASHRAE 1957

About 1957 the Life Member Club started to function informally under leadership of E.K. Campbell. ASHVE, in its early years decided to honor members reaching retirement age 65 having paid dues for many years (30 or more required) were designated Life Members, and thereafter were exempt from paying dues. By 1963 there were nearly 500 living Life Members, many of them still deeply and actively involved in Society affairs. After preliminary approval by the Society, the club members adopted constitution and by-laws June 25, 1963. The club meets each year during the January meeting of the Society. It promotes

fellowship among the "old timers" of the society and periodically presents the "E.K. Campbell Award of Merit" to a deserving professor for superior achievement as a teacher of HVR and AC subjects at a recognized institution of learning. Professor Linn Helander of Kansas State University received the first such Award in 1957 for his work on the downward flow of heated air from overhead nozzles in heated spaces.

#### ASHRAE 1958

After years of planning ASHAE and ASRE voted to merge and become ASHRAE to eliminate duplication and overlapping by the parent Societies in their closely related fields of endeavor.

Publications were combined. The monthly "Refrigerating Engineering" was renamed the ASHRAE JOURNAL. The annual ASHAE TRANSACTIONS changed it's name to ASHRAE TRANSACTIONS. Volume No. 64 (1958) contains the charter and bylaws of the combined Societies. The membership vote in favor of merging was 93% for ASHAE. 73% for ASRE. The leadership of both societies rededicated themselves to the task of building a profesesional society greater than its component parts whose prime objective would be to benefit the public at large. The membership now - (1959) - 17,800.

#### 1963

#### ASHRAE'S CLEVELAND RESEARCH LAB MOVES TO KANSAS

The Society's research managers decided in 1960 to cut costs by turning over the facilities of their Cleveland research

laboratory to an institution which would undertake to carry on the work already under way there. Dr. Ralph G. Nevins, already engaged in ASHRAE supported work at Kansas State University arranged financing for the construction of a building on the KSU Campus to house the lab, as well as financial backing from Kansas and US Government sources to continue the program. In 1963 Nevins supervised the removal of the Cleveland lab into the newly completed building in Manhattan Kansas. The new Institute for Environmental Research was dedicated November 4, 1963 and became a major research arm of ASHRAE. Work done there provides the basis for much data published and constantly updated in ASHRAE "Guide" books and Handbooks of Fundamentals. Examples follow: The comfort Zone envelope shown on the ASHRAE psychometric chart; information on the effect of mean radiant temperatures, activity, clothing and air movement on comfort, on productivity of workers, and on the elderly.

Over the years the KSU lab facilities have been expanded to handle diverse investigations such as studies of survival shelter environments, worker performance in altered environments, insulation value of clothing and the effect of jet-lag on performance. Hundreds of students have been involved in the lab projects both as test subjects and as researchers. Faculty members and advanced students participate in activities of the Kansas City Chapter. Many of the senior scientists have presented papers containing the results of ASHRAE supported

research at international society meetings and have served on numerous society committees. Among those who served were:

The first recipient was James E. Woods of Iowa State University.

Dr. Ralph G. Nevins, KSU Dean of Engineering until 1973: elected Society M-50, Fellow-72: Honorian, Life Member of KC Chapter (only man ever so honored): Past Director of ASHRAE: Received ASHRAE Distinguished Service Award 1973: Died 1974: ASHRAE created the Ralph G. Nevins award for research in the physiology and human environment field in 1978.

Dr. F. H. Rohles Jr. Associate Director KSU-ASHRAE Institute for Environmental Research 1963-73, Director 1973 to present, elected Society Member 71, Fellow-83: many technical articles: served on TC 2.5.

Linn Helander, M since 48, Retired 71: Received the first annual Merit Award of the Life Members Club Feb. 57 at a KC Chapter meeting: CH Publications Committee 54: CH. Awards Committee 53, 4 & 5: CH. Code Comm. for Testing & Rating Grav. Type Roof Ventilators 56, 7 & 8: Technical Papers "Downward projection of Heating Air" 54, 6 & 7.

Paul L. Miller, Jr., M Since 68, elected Fellow-83.

Dr. P. E. McNall is M since 53. elected Fellow 72. Head of Mech. Eng. Dept. KSU prior to 1971 when he joined Johnson Controls: served on numerous society technical committees since 1963.  
J.E. Woods, M since 63, elected Fellow-71.

1965

The "Kansas City Sparkler" is born! "Sparkler" is the name coined by Dave Dart, one of the originators, and adopted by his collaborator E. F. (Cass) Cassing, for a synchronized slide projector and tape recorder show for presentation at Chapter meetings. Typically "Sparklers" by Cassing were short, light-hearted picture stories of ASHRAE member activities usually (Not always) having a serious, informative technical message between laughs. One of the early ones resulted from a flying inspection trip to view underground storage facilities and the mechanical systems used to dehumidify and air condition them in the Kraft (cheese) caves near Springfield, MO. Al Sneller, consulting engineer Cassing, and his boss Clarence W. Schumacker flew down to the cave site in Schu's plane and brought back the picture story of work done and to be done on the project. All of these men either were or became Chapter Presidents and later, Life Members of ASHRAE, and all were strong supporters of the Society. Thanks to the special talents of Cassing as photographer, humorist and communicator plus the willing cooperation he always inspired in his many collaborators, Kansas

City Sparklers were a hit at Chapter meetings from the very beginning. They became a frequent feature of chapter meetings in KC, usually supplementing a principal speaker and soon were borrowed by other Region seven chapters. Eventually some of them were refined and used by society membership, technical and education committees coast to coast at chapter, regional and international meetings. Special Sparklers telling the story of ASHRAE-KSU research work in Manhattan, Kansas were duplicated and distributed by the Research Committee for Society-wide use to help raise research dollars. By 1985, "Cass" had put together over 200 Sparklers and had received the first annual ASHRAE Presidential Citation Award (1971) for his service to the Society as well as a certificate of appreciation from KSU (1973). His work on SPARKLERS is still going on (1985).

1970

The Society's Annual Meeting was held at the Muehlebach Hotel in Kansas City, Missouri. June 28-July 1, 1970 with approximately 1,000 members and guests attending. Note that since the early nineteen sixties the society has operated on a fiscal and political year ending June 30. New officers and directors are installed at the June meeting. Don Hail was chapter president and Robert L. Kilder was general chairman for meeting arrangements. D.M. Allen was honorary chairman. The keynote of the meeting was "REFRIGERATION'S ROLE IN WORLD FOOD SUPPLY". P.E. McNall, head, Mech. Eng. Dept. KSU chaired one of the

technical sessions. Dr. F. H. Rohles, Jr. of KSU presented a technical paper based on ASHRAE-KSU Lab research. For keeping with the Society's growing international stature the principal Planning Session address was delivered by a prominent chemical and refrigeration engineer Mogens Jul of Denmark. As the meeting "wound down" Society officials repeatedly complimented Kansas City people on their warm hospitality and efficient hosting. Bob Kilker's organizing ability had brought out the "I will" spirit in his strong team of committee members and chairmen-too many of them to give individual credit here!

1978

This is the year OPEC generated oil and gas scarcity and cost escalation began to hurt. The rapid approach of the "empty" reading on the oil gauges of the world's underground fuel reserves became alarming! Kansas City spread the gospel of energy conservation by (1) operating and manning a booth under the direction of Russ DeRigne at the KC Energy Exposition at Bartle Hall February 10, 11 & 12, 1978; (2) Planning and operating the Chapter's first annual seminar on the "Why & How" of energy conservation in buildings November 9, 1979 at the Royals Stadium Club. John A. Fleming was in charge, Clinton W. Phillips ASHRAE V.P. took part, Prof. Dr. Albert A. Bartlett of the University of Colorado was the "Hit" of the show, attended by over 100. Since the start mentioned above the Chapter has worked to promote energy conservation without let up.

1981-1982

This year the Society launched an on-going program of two day professional development seminars (PDS's) each covering a vital aspect of heating, refrigerating or air conditioning engineering design. The instructors selected were recognized practicing experts in their fields and the meetings were held in widely scattered cities to make the program accessible to as many as possible. Each course was reviewed and approved in advance by Society technical and professional development committees. By 1984-5 the program had expanded to serve two people in ten cities.

A Society PDS on water system design was held November 8 & 9, 1984 at the Hilton Airport Plaza Hotel in Kansas City. Another, on simplified energy calculations was held at the Americana Hotel in KC April 11 & 12, 1985 and yet another on testing and balancing at the KC Radisson Muehlebach Hotel October 14-15, 1985.

1985

In addition to supporting the Society PDS program KC chapter has sponsored professional development seminars too numerous to describe in detail both independently and in cooperation with educational institutions and related engineering organizations.

1982

KC was host for the Region 9 Chapters Regional Committee (CRC)

meeting May 6-8, 1982 at the new Hyatt Regency Hotel, 150 attending. Gerald G. (Jerry) Squibbs was chairman for arrangements.

1984

The Society's annual (summer) meeting was held June 17 to 20, 1984 at the Radisson Muehlebach Hotel in Kansas City, Missouri under the leadership of Robert H. Graham, general chairman for arrangements and Fred Witteborg, Chapter president. Kansas City members carried out their hosting in proper "Heart of America" style according to our most welcome guests. In addition to technical and work sessions our guests toured a 500 acre underground mechanically air conditioned and refrigerated cold storage facility, visited our well known Nelson-Atkins Gallery and Museum; also the Harry S. Truman Library and Museum and other Kansas City Highlights.

ASHRAE growth continues apace! In 1983-4 (1) membership topped 50,000 including about 7,000 students: (2) total income was \$7,383,000 including contributions of \$705,430 for research from 6,850 sources (mostly individual members) (3) accumulated balances in the various Society funds reaching a new high of \$4,283,000.

1985

In September a new STUDENT CHAPTER at Kansas State University, Manhattan, Kansas was launched. Region 9 Director and Chairman Lawrence S. Staples, KC Chapter Member, presented the charter with about 100 in attendance at the initial meeting.

In October 1985, Larry Staples was principal speaker at the first meeting of OZARKS Chapter of ASHRAE, Springfield, Missouri, a "Satellite" of KC Chapter. Forty-two members and prospective members attended the auspicious debut of the new chapter.

ASHRAE is rapidly becoming truly international with five thousand overseas members. ASHRAE actively cooperates with twenty-five technical societies around the world working to establish international standards and share fundamental technical knowledge. A new twenty-five point strategic plan for the Society's future has been formulated, adopted, and implementation started. Key points of the plan follow:

(A) RESEARCH will continue to be the care of ASHRAE activities.

Budget for 85-6 over \$1,000,000: for 89-90-\$2,000,000.

Co-operating institution and agencies will supply supplementing funds about equal to ASHRAE expenditures as they carry out ASHRAE sponsored programs.

(B) Promotion of Energy Conservation in buildings will continue to be a primary target.

(C) Development by the private sector of industry standards and codes along with government acceptance of such standards and codes will be actively sought.

I would like to end my part in this story by pointing out that there is no way this society could have grown from small beginnings to become a highly respected world wide organization of some 50,000 members without the continuing dedication of its

leaders and members to high standards of professional excellence and ethics plus a long range plan to find out the engineering facts through research and to make those facts known to members and all others through publication of the "Guide Books" and "Refrigeration Data" books. The quality of these publications and the research that provided the facts contained in them have made ASHRAE pre-eminent among engineering societies. An Honor Roll of KC chapter members who have rendered exceptional service in Society by their special talents and sustained effort follows. We know the list is incomplete. For instance, past Chapter Presidents as listed in the roster almost without exception gave generously of their time and talents year after year doing committee work and serving in other offices both before and after serving as President. To all who served - a warm "thank you" is due, and is hereby rendered.



Carl Clegg 22 L \* 82  
Represented American Blower Co. in the early years of KC  
Chapter: President in 1929: Over 50 years service to the  
Society.

E.K. Campbell  
Founded the E.K. Campbell Company which originally  
specialized in design, manufacture and installation of  
large warm air heating and ventilating systems: ASHVE  
Treasurer 1942 and 1943: Council Member 1930 through 33  
and 39 through 43: during the period from 1928 through 1958  
"E.K." was chairman of no less than eight ASHVE and ASHAE  
committees and a member of numerous other committees. His  
contributions to the society were both technical and  
promotional and were constantly sustained for thirty years!  
See 1957 for the story of his part in the founding of the  
Life Member's Club.

N.W. "Nate" Downes \* 71  
Supt. of buildings and grounds for the Kansas City, Missouri  
school district from 1919 to 1949: President of KC  
Chapter 1925: ASHVE national council member 1928, 29, 30.

D.M. Allen  
President of D.M. Allen Co., an HV & AC equipment sales  
company in KCMO from 1940 to 1970: ASHVE national council  
member 1948, 49 and 50: chairman chapter relations committee  
1948 and membership committee 1950: received ASHRAE  
Distinguished Service Award 1966: a much-loved and faithful  
society servant and leader from 1936 to retirement in early  
seventies; president of KC Chapter 1944.

Leon T. Mart  
A founder of the Marley Cooling Power Co. which now (1985)  
continues his tradition of active support for both parent  
organizations of ASHRAE technically, financially and through  
the participation of many Marley employees in ASHRAE  
affairs; member of ASHAE national council 1953, 54 and 55.

Linn Helander 48 M (Retired 71)  
Kansas State University faculty. See 1963 time line for  
more information.

Dr Ralph G. Nevins 50 Ff \* 74  
Kansas State University faculty. See 1963 time line for  
more information.

E.F. "Cass" Cassing 50 L  
Retired (1985) VP of General Heating & Cooling Co. Kansas

City, Missouri: the Cassing record of contributions to the Society spans 35 active years and is too voluminous to capsule! Cass has been the faithful photo-journalist of the KC Chapter and has many additional achievements to his credit: see 1965 time line on "Kansas City Sparklers." His credits include chairmanships: (1) Region 7 Membership 1970-71: (2) Region 7 Energy Conservation 1973, 74, 75 and 76: (3) Society Membership 1971-72 and others. Cass reclined the first annual Presidential award for individual service to the Society in November 1971 for his work in developing an audio-visual presentation for use in membership, education and research promotion work.

Robert L. Kilker 53 M  
ASHRAE director and region 7 chairman 1972, 73 and 74; General arrangements chairman for ASHRAE annual meeting in Kansas June 1970; Received ASHRAE distinguished Service Award 1976; Society Membership Development Committee 1965-66, 66-67; over thirty years of active service to KC Chapter including 3 years as chapter editor, all chapter offices; President in 1965-66.

Paul A. Moreno 51 L  
President of KC Chapter in 1964; Paul Moreno's fame among ASHRAE members in the KC area stems mostly from his 23 year term as chief sponsor, planner and coordinator of fishing trips for KC Chapter members. At least once each spring from 1962 to 1983 Paul invited KC members to hand out the "Gone Fishing" sign for a week-end at one of the Ozark fishing places. Fishermen from St. Louis and occasionally from other nearby chapters also attended. All real fishermen (and some not so real) came back for more, year after year. In 1969 Paul was declared formally to be KANSAS CITY CHAPTER MAN OF THE YEAR!

J.R. "Russ" DeRigne 51 L  
Principal of his own consulting engineering firm J.R.DeRigne & Associates; ASHRAE nominating committee member 1969-70; KC chapter president 1966; Russ has given active support to Society activities for over 30 years.

L.S./ "Larry" Staples, Jr. 69 M  
VP for Field Sales, Marley Cooling Tower Company;. ASHRAE Director and Chairman of Region 9 (Kansas City's Region since 1978) for 1984, 85: Region 9 representative of ASHRE Energy Management Committee 1982; KC Chapter president 1980; a tireless, dynamic activist and believer in ASHRAE.

Robert Graham 69 M  
Kansas City Power & Light Company Director - District Commercial Operations; KC Chapter president 1977; General Chairman Committee for Arrangements for the 1984 Annual Meeting of ASHRE in Kansas City.

Robert E. Hahn 69 M  
Marley Cooling Power Company District Manager; Chairman  
1985-86 and several recent years of the highly successful  
effort by KC Chapter to increase Kansas City contributions  
to ASHRAE research.

Dr. Frederick H. Rohles, Jr. 71 F  
Kansas State University faculty. See 1963 time line for  
more information.

Code: First two digits after name show year joined.  
Next letter-highest or final grade of membership  
(M=member, L=life member, F=fellow, etc.)  
\* - Deceased  
Next two digits show year deceased.

#### Honor Roll Addenda

(1) Editors of our publication, the BTU BREEZE perform an important, time consuming function which chapter members appreciate. Recent Editors: Jerry Squibbs 1965-66, and 69-70, Theron Robinson 1966-67, Burl Gratny 1967-68, Bob Coe 1968-69 and 69-70, Hubert Kent 1970-71, Ralph Martin 1971-72, Ralph Ingefvttsen 1972-73, Gary Sidebottom 1973-74, Jack LaRue 1974-75, Ken Karr 1975-76, Fred Witteborg 1976-77, Jerry Downey 1978-79 through 81-82, Linda Lennon 1982-83 and 83-84, Randy Lennon 1984-85.

(2) Chapter Presidents and their committee members for the years in which KC Chapter earned the Presidential Award of Excellence deserve a special mention here (see Past Presidents list in roster) RECENT PAOE YEARS: 1973-74 through 1978-79, 1983-84 and 84-85.

#### SUMMARY KC CHAPTER 1987-88 MEETINGS

Jerry Richardson, President proclaimed this year one dedicated to PERSONAL INVOLVEMENT. Members participated in record numbers in Chapter Activity.

The KC Chapter completed its 9 continuous years at the Womens City Club managed by Lorraine Buckley.

This year, ALL program speakers and SPECIAL ACTIVITY was pre-announced per the BTU/Breeze for the entire year.

The Research Goal for the year was reached at \$10,000.

The Chapter DESIGN AWARDS was well received this our FIRST year, Gerry Richardson was Chairman of the project. Awarding done in April at Chapter meeting.

An ASHRAE ENERGY Seminar was held this year with Mike McQueeny Chairman.

Numerous awards were made to the KC Chapter by the Society. Among them, was RICHARD HAYTER of our chapter who received the RALPH G. NEVINS AWARD at the annual Society Meeting held at Nashville, Tn.

The 11th Annual Golf Outing sponsored by the Chapter was held with a sellout participation of 92 entrees.

The KSU Student Chapter continues to grow and was the Chapter guest as a body at the October Meeting.

The Chapter viewed two KC SPARKLERS, (Narrated Slide programs with appropriate supporting sounds and tongue in cheek technical conclusions during 1987).

Attendance for the year averaged in the low 70's but highlighted one meeting with 115 attendees.

Excellent budgeting for the year concluded with a surplus for the year.

Past Presidents club was activated with Jerry Downey acting as Chairman. The purpose is to get Past presidents involved in the Chapters future progress, and to get their views on local programs. Also, they are asked to help out in RESEARCH money raising efforts.

Cass/Cassing Historian/87/88.

#### SUMMARY KC CHAPTER 1988-89 MEETINGS

The KC Chapter transferred its "boxes" (archives) of old ASHRAE magazines, papers, and other material that relates to the air conditioning industry. Dick Hayter, KSU, provided space in the Engineering Library with an open access to the KC Chapter. Cass Cassing trucked the boxes to KSU/Manhattan.

Upkeep management will be provided by the local Student Chapter supervised by KSU ASHRAE members including Dick Hayter and Byron Jones.

The Budget Money surplus previously reported by Treasurer Kelley Cramm amounted to \$18,532.52 and will be earmarked for Research ID.

Just for the record Felco prints & mails the BTU/Breeze houseorgan. The October "88" cost was \$551.00.

The Chapter announced the DESIGN AWARDS PROGRAM for 1988/89. Mike McQueeney Chairman.

A Las Vegas night was held for the Chapter to raise RESEARCH funds and was held on February 20, 1988 at the KC Club in Downtown KC.

The chapter established a student chapter at KU with Tom Robert, Education Chairman, spearheading the event.

The chapter established a student chapter at UMKC with Steve Berry being Student Liaison.

The chapter at KSU continues to grow, with Mike Lorenz being the liaison this year.

Larry Staples formed a RADIO HAM RADIO group composed of ASHRAE members. The test ran thru the year on several frequencies including 14,278 and 7,278.5. The year included some 31 stations. The intent was to talk on the air and meet at a meal function at Society and CRC meetings. The test was put on hold by WOAIB, in May.

Society recognition included a 50 year certificate presented to JOHN G. MULLER. John is a leader in Refrigeration techniques and is with the Southeastern Public Service Company. He was President of RETA in 1967.

In March the Chapter presented an Energy Workshop on "Efficient Accountical Design", held at the KC Club. Mike McQueeney was Chairman.

There have been some Chapter members who "slipped" unnoticed but not BOB KILKER who received his LIFE MEMBERSHIP at the January Meeting. Bob is a past Regional Director and has served ASHRAE for over 30 years in various capacities.

Special recognition of the ASHRAE LAB facilities. The chamber was brought to KSU in November of 1963. Some formal activity is expected to note the event. Byron Jones of KSU made the announcement as part of his presentation to the Chapter at the February meeting.

The chapter HVAC design AWARDS were announced at the April

meeting, winners were outlined in the BTU/BREEZE. The significance here is that it is FIRST ANNUAL program of the Chapter. Larry Bauers was Chairman.

The Past Presidents Club continues to be activated and was recognized at the Past Presidents night at the April meeting.

Programs for the entire year were announced and published in the BTU-BREEZE. Members expressed their approval by favorable comments and showing up in larger numbers at meetings.

The Chapter participated in PROJECT WARMTH in November by half-day work donation of time to help insulate low income families homes. It was the first time ASHRAE participated.

The Chapter Board again awarded a \$500. grant to a student in mechanical engineering attending a local engineering college. Participation is thru a joint venture with the Engineers Club of Kansas City.

The Society HISTORICAL COMMITTEE (Mike Woodford/ARI/Chairman) interviewed for historical purposes Larry Staples, Bill Dyer and Cass Cassing. The KC Chapter version was made into a VHS/tape and presented to the Society. Releases for publication were agreed to in the Chapters behalf in Mid-August.

It is expected that Cass's KC Sparkler depicting the work of Dr. Ralph Nevins at KSU will be put to Society use during the coming year. Larry Staples was instrumental in spearheading this achievement and in fact, is Society HISTORICAL CHAIRMAN this coming year.

It should be noted, that the first historian of our Chapter was DM Allen. Other Historians included Carl Clegg, Roland Spencer, Russ DeRigne and Cass Cassing.

In February 1989, the Chapters 2nd Annual Las Vegas night was held at the KC Club.

The KSU Student branch (finally) received its Chapter Banner and Charter. Dr. Tom Dean is liaison.

The Chapters annual Energy Seminar titled "Managing Indoor Air..." was held on March 24th at the KC Club.

The KC Chapter help organize "Topeka ASHRAE", and formerly received its charter on January 11, 1989, about 30 members attended including its first speaker Larry Staples of the KC Chapter.

Roland Spencer received the ASHRAE 50 year certificate at the February Meeting.

Brad Krehbiel, 1989 President enumerates the years achievements: Fantastic increase in membership, and a new loose leaf Roster Format. Successful operation of THREE ASHRAE affiliated branches. A fourth is being considered (Johnson County Community College). We believe NO OTHER ASHRAE Chapter can match this record!

The annual Energy seminars continue to grow and be locally expected. The current seminar is titled "Indoor Air Quality and Sick Building Syndrome."

The RESEARCH goal is higher and near completion for the year netting \$11,500. Research Chairman Jim Allen says the "Par" contributions of \$35.00 a member goal is the reason.

Social Chairman Mark Riscoe says activity included a record attendance golf outing and Las Vegas Night.

President Brad says his personal choice of all Chapter projects was participating in Project Warmth in November.

The Breeze adopted a new format this year and was Chaired by Becky Bromich. Jim Allen was photographer. Expansion to 6 pages allowed for a profile of recognition of Donors to the RESEARCH fund.

At the close of the summer season KC Chapter ASHRAE remains strong, expanded and dedicated to the comfort of Mankind.

Cass Cassing, Historian thru summer 1989  
KC Chapter