"NEW WELDING PROCEDURES"  
MAY 9 - NEW MEETING PLACE

Mr. Victor H. Lyon, Divisional Sales Manager, Eutectic Welding Alloys Corporation, Tulsa, will be the guest speaker at our next Chapter meeting on May 9th. He will give a talk on "New Welding Procedures" and show a documentary film of time and money savings made available to every industry by scientific advances in metal joining and related techniques.

Mr. Lyon joined the Eutectic Welding Alloys Corporation in 1950 as District Engineer. His background in engineering and his ability to solve industrial problems were such that his services were in constant demand.

In July 1952 he was promoted to Divisional Sales Manager for the southwestern division with headquarters in Tulsa. This position gives much more scope to his undoubted ability to solve the many complex problems encountered in the joining and fabrication of metal. His knowledge of all phases of welding stems from his wide experience in this field.

Prior to joining Eutectic Alloys, Mr. Lyon was engaged in engineering at the Bell Telephone Laboratories. He studied electronics at Rutgers University, is a member of the A.W.S., and a former member of the S.A.F.

We sincerely hope that all members will make it a point to attend this meeting, and we want to emphasize that the meeting place has been changed. The date is Monday, May 9th; the place is PATRICK'S RESTAURANT at 23rd and Western; the usual time schedule will prevail -- Greetin' 6:30, Eatin' 7:00, and Meetin' 8:00 PM. As usual, guests are welcome. Return your reservation card today -- now!

REGIONAL MEETING A SUCCESS

Over 240 members and guests of the American Society of Heating and Air-Conditioning Engineers attended a Regional Meeting of the Society in Oklahoma City April 14-16. Council and Committee meetings and the Technical Sessions were interspersed with special events for enjoyment and entertainment. That the meeting was a success will not be contested by any of those present. Approximately one-half of the Chapters in the Society were represented by people from 18 States, the District of Columbia, and Canada.

This issue of THE SOU'WESTER is primarily devoted to reporting on this meeting, so that those who were present may have something to recall fond memories, and those who didn't attend will have a little insight into what they missed. Prints of all pictures taken at the meeting will be available at the May 9th Chapter meeting, so that you can look them over and order any that you may wish.
New Members

Since the last Chapter meeting, Floyd Denham, Chapter secretary, has received notification that two new members have been admitted into the Society. They are:

Glen E. Lockwood - O'Connor Oklahoma Co.
Floyd E. Merryman - Toole & Cunningham

Welcome to ASHAE, Glen and Floyd, and welcome also to membership in the Oklahoma Chapter (your dues will start July 1st).

June Barbecue

The tumult had hardly died down from the Regional Meeting before one question started to fill the air - "Are we going to have a June Barbecue?" This event has become a perennial favorite, and President Gordon Ervin advises us that this year will be no exception. The date is set for June 13th; Roy Edwards has promised to do his usual good job of catering; and the location has been set at Mike & Nell's on NE 24 Street, just west of Oklahoma Avenue. We hope a goodly number of members from over T-town will join us again as they did last year. This is one function where we don't find it necessary to encourage attendance—the turnout keeps growing every year.
REGIONAL MEETING REPORT

One of the nice things about being General Chairman of a meeting is that you get letters from some of the visitors in which they express their opinion of the meeting. In this case we are more than glad to pass on some of the comments we have received.

The following letter was received from Mr. A. V. Hutchinson, Executive Secretary of the Society, in which the Chapter is commended for an excellent meeting:

"I'm sure that you and the Oklahoma Chapter members will look back on the 1955 Regional Meeting with a lot of satisfaction. The response to your invitation was excellent and you can now claim the largest Regional Meeting in Society history.

"The outstanding and novel program or entertainment will long be remembered by the visiting members, who were greatly impressed with the warm greeting and the hospitality that was provided.

"You are to be congratulated on the fine work of your Committees, and I hope you will extend to them the hearty and sincere thanks of the Officers and Council of the Society for a job well done."

Mr. John H. Fox, Council member from Toronto, Ontario, also had some kind words which should be passed on as shown in the following extracts from his letter:

"I think you are to be more than congratulated on the success of the regional meeting, and on the way that everybody turned in to make the visit so enjoyable.

"I hope it's not too long before you chase in Oklahoma City catch up on some of your lost sleep and then maybe we can plan and look forward to having a return engagement with you in Oklahoma."

As General Chairman of the meeting, your Editor wishes to take this means to thank all the people who helped make the meeting a success; because it truly required the united efforts of everyone to make it the outstanding meeting that it was. To acknowledge by name everyone who worked on this effort would be like listing the Chapter roll plus a few prospective members. However, not to pay tribute to the committee chairman would be improper. Arnold Shelley and the members of his finance committee did an excellent job in handling the tickets and other financial matters of the meeting. John Carnahan and his workers on the transportation committee provided a very interesting sightseeing trip for people from twelve visiting cities. Earle Gray, in addition to being banquet toastmaster, handled well the photography and other publicity items under his publicity committee. Lewis Wickline and his ladies committee provided an exceptional luncheon and fashion show for the ladies. Joe Patten and his crew on the sessions committee provided all the necessary assistance so that the technical sessions were well handled. Marion Cohencour and his registration committee discharged their duties well. Gordon Ervin and Floyd Denham, Chapter president and secretary, respectively, acted as ex-officio members of all committees with preference toward none. And last, but by no means least, Frank X. "Bud" Loeffler, Jr., and his banquet and entertainment committee really did themselves up proud. Frank was responsible for both the Oklahoma Roundup and the Banquet, and both proved to be smash hits.
OKLA. ROUNDUP

The Oklahoma Roundup, held Friday night in the Balinese and Crystal Rooms of the Skirvin Hotel was the first organized welcome to our many visitors. Starting with a social hour, to break down inhibitions and help get acquainted, this event attracted 215 people. After everyone was well uninhibited, a barbecue supper in buffet style provided a true Oklahoma flavor to the evening. After the barbecue, everybody gathered around the campfire and listened to some young people from the Student Entertainers group from Oklahoma A & M College. The group, consisting of students, prospective students, and past students, under the able direction of Mr. A. Frank Martin, presented an entertaining and hilarious 75-minute program that had the audience laughing and cheering in appreciation. An accordion player, a cowboy duet (really half of a quartet), an Irish tenor, a lad with phonetic punctuation (this had the folks in the aisles; in fact we saw some who were laughing so hard they were crying), and finally the young lady playing the marimba; this was the program they presented. Some of the hidden musical talent in our Oklahoma Chapter was brought to light when Carl Jansen was taught to play the marimba in one easy lesson. All had an enjoyable time, and our "opening night" had gotten the meeting off to a good start.

PRESIDENT'S REPORT

At the opening session on Saturday morning, ASHAE president John E. Haines reported on his activities since assuming the presidency in January. Following are extracts from Mr. Haines' report:

"I hope this is the beginning of many Regional meetings, because it is a means of reaching more of our members, perhaps on a more intimate basis. Certainly more of our members can attend regional meetings than are able to attend our national meeting. In general, there is about 10% of our membership who attend a national meeting, and we can reach so many more members through the regional meetings.

"Since their appointment this year, the National committees have been very active. There have been twenty-two national committee meetings attended by over 200 men in the Society.

"I think this year the attendance at these committee meetings has been better than ever before, and I'd like to add that this is voluntary effort on the part of so many men - for the most part they pay their own expenses, they give their time and their advice and their assistance toward the advancement of the arts and sciences of heating, ventilation, cooling, and air conditioning. The benefits will be seen for years to come. This great industry has advanced only because of the many hundreds of men who have given their time freely for this purpose, and many of those men are here in this room."
The reports from everywhere indicate that the attendance at chapter meetings this year is at an all-time high. If we include the applications for membership, I am very pleased to announce that for the first time Society membership has exceeded ten thousand. I have had the very distinct pleasure of visiting 40 chapters in the last three and a half years. Everywhere, without exception, the chapters are more active; they are growing; the attendance is higher; and they are providing greater benefits for their members and for their communities. The chapters, basically, are the life-blood of the Society, and we are glad to see the numbers of chapters grow and the numbers of members in the chapters grow.

The Council yesterday approved two new chapters, one at Baton Rouge, Louisiana, and one at Springfield, Massachusetts. There are three or four other cities which are preparing to petition for chapter charters, and perhaps before the year is out there will be more than these two additional chapters. We now have 59; these two new ones make 61.

As our membership and the number of chapters grow, we face additional problems, and I am going to mention a few of these.

There are many who believe the programs at our Annual and Semi-Annual meetings can be improved so that they are more interesting and valuable to a greater percentage of our membership. This is being studied by the Program and Papers Committee.

The vote at the Annual Meeting on the by-law change affecting the Journal indicated that many members believe that we should eventually publish our own Journal. This is being studied by the Long Range Planning Committee.

We must do something about the Guide, because it is becoming too bulky to permit the addition of some very valuable information. Should the material be condensed? Should it be published in two volumes? Should it be a textbook; should it be a handbook? This is being studied by the Guide Committee and Long Range Planning Committee.

Should we have an abstracting service; should we have a library? This is also being studied by the Long Range Planning Committee.

We need more usable codes and standards. The Chapters require advice and help in assisting governmental and other agencies in writing codes. This is being studied by the Standards Committee.

Our headquarters in New York is going to need more space one of these days, and more personnel. This is being studied by the Building Committee.

The Membership Committee is working on a plan to obtain more qualified members and reduce the percentage of resignations. We estimate there are at least 100,000 people in our industry who qualify for active membership in the Society.

We all know that many inadequate heating, ventilating, cooling, and air conditioning systems are being installed in homes and commercial buildings in all parts of the country. There are a number of reasons for this. Perhaps it is mostly due to a lack of understanding and appreciation of adequate heating and air conditioning by, in some cases, architects, and certainly by the general public, and in some cases a lack of desire on the part of our own industry to do a good job.
The Society has a responsibility to educate the industry and the general public through publications, definitions, codes, standards, and public relations on — first, the purpose and importance of adequate heating, ventilating, and air conditioning; second, what constitutes an adequate system; and third, how an owner can ask for and receive the results which he has every right to expect. This is a long range prospect and is being studied by the Long Range Planning Committee. In the meantime, as engineers and Society members, let's insist that we give the general public what they have every right to receive, and that the heating and air conditioning systems which we design and install meet the requirements, whatever they may be.

The air conditioning industry certainly has a great future. As most of you know, the volume of business last year was about two billion dollars. It has been estimated that in ten years it will reach five billion dollars. The demand for heating and air conditioning is likely to become overwhelming, and somehow we must meet that demand.

This afternoon Mr. Kaiser is going to talk to you on the research program, and I don't want to take anything away from his talk, but I do want to say that research is probably the most misunderstood part of our organization. It leads and it follows other things. In the Society we cannot do testing of commercial devices. We can't do a lot of so-called anticipatory research which requires lots of money and lots of time and gadgets and people.

Our real purpose in research is to take those things which have become reasonably well established in the field (and there the information is confusing and conflicting as it always is) and pull this information together and put it out in such a form that it can be used by the industry in such a way that they know that it is proper to use it."

TECHNICAL SESSION

Technical sessions, held Saturday in the Crystal Room of the Skirvin Hotel, were well attended by members and guests of the Society assembled to hear several distinguished engineers and educators present four papers. Written and oral discussions followed each presentation. Peter B. Gordon, ASHAE second vice-president, and Prof. Burgess F. Jennings, Northwestern University, were chairman of these sessions at which the following papers were presented:

"Pressure Losses of Divided-Flow Fittings" by Stanley F. Gilman, Carrier Corporation research engineer, in which he stated the theory of pressure losses and compared expected results with existing and experimental data, explaining that many apparent discrepancies are not so when they are properly analyzed.

"Panel Cooling for a Residence," by Prof. R. R. Irvin, Oklahoma A & M College, in which he described how cooled water from a backyard air cooling tower circulated through pipes embedded in residential walls and ceilings produces the effect of chilled walls and ceilings.
"Weather Data Analysis for Cooling System Design" by Gene E. Sullivan, Carrier Corp. Sales Engineer; George V. Parmalee, senior research supervisor and A. N. Garny, research mathematician, both of the ASHRAE Research Laboratory, is a report of combining air temperature with sun heat to arrive at a temperature for determining summer air conditioning loads. Figures used are based on New Orleans weather data compiled for several years.

"An Analysis Method for Predicting Behavior of Solid Adsorbents in Solid Sorption Dehumidifiers", by Profs. W. L. Ross and B. R. McLaughlin, Pennsylvania State University, described an analytical and mathematical study arriving at equations for using silica gel in removing moisture from the air, which is important to industrial application.

At the beginning of the afternoon session, Mr. Elmer R. Kaiser, Director of Research of ASHRAE, acquainted the gathering with the why's and wherefor's of the Society's research program. The current research program, which will be the largest undertaken in the 61 years of the Society, will cost over $245,000. According to Mr. Kaiser, there are about 23 active research programs now in operation at the Society's Research Laboratory in Cleveland or in cooperating institutions. Projects cover such fields as odor perception, air cleaning, and comfort. Research being done on human comfort is to determine what conditions of temperature, humidity, air motion and radiation are most favorable to comfort and efficiency. Mr. Kaiser mentioned that although engineers know how to provide any air conditions the public wants, particularly for comfort, they need to know more about the best air conditions for productivity and ideal working conditions.

BANQUET

Saturday night, in the Persian Room of the Skirvin Tower, the meeting was brought to a suitable climax with the banquet, followed by a program and dance.

"This banquet closes a fine three-day meeting of the Society; a meeting which has been the greatest event in the history of the Oklahoma Chapter since that day 20 years ago when a small group, under the leadership of Frank X. Loeffler, was granted a charter as a Chapter by the American Society of Heating and Ventilating Engineers.

"We are highly honored by Council's decision to hold a Regional Meeting here. I recall that soon after our Chapter was organized, one enthusiastic individual suggested that we should try to have a National Meeting of the Society here. This week that ambition has been realized. That year, 1935, there were approximately 350 people in attendance at the Annual Meeting. Tonight our registration numbers in excess of 240 at a Regional Meeting. The growth of this fine Society is shown in the comparison of those figures."

These were the opening remarks of Mr. Earle W. Gray, banquet toastmaster, as the program got underway following the banquet at the largest Regional Meeting in the annals of the Society.
At the head table from left to right: G. F. Ervin, chapter president; Rev. T. C. Davies; Mrs. Davies; A. V. Hutchinson, Exec-Sec'y; Mrs. W. F. Hildebrand; P. B. Gordon, ASHAE 2nd VP; Mrs. E. W. Gray; John E. Haines, Society president; Tom Collins; E. W. Gray, toastmaster; Mrs. J. E. Haines; J. W. James, ASHAE 1st VP; Mrs. W. J. Collins, Jr.; E. R. Queer, Society treasurer; W. J. Collins, Jr., general chairman; W. F. Hildebrand, OSPE president.

Following the introduction of the parties at the head table, Mr. Gray introduced an Indian Ceremonial saying that "it is only fitting that we bring a bit of old Oklahoma to this meeting. The noble redman has played a large part in the history of Oklahoma, and at this time we are pleased to have Chief Jasper Sawkeah of the Kiowa Tribe take part in this meeting."

The houselights were turned out and a spotlight picked up Chief Sawkeah and his wife in their colorful Indian regalia as they descended the stairs from the mezzanine, then followed them as they proceeded across the banquet hall up to the center position at the head table. Over the public address system came a voice ---

"Chief Jasper Sawkeah, of the Kiowa Tribe, has come here tonight to join with the Oklahoma Chapter of the American Society of Heating and Air-Conditioning Engineers, to pay honor to a great man in the heating and air conditioning industry. The Indian is reverent and thankful for all things bountiful, and by honoring this man, they give thanks for an industry that has enabled man to progress far beyond the dreams of our forefathers. This white brother has done much to promote an industry which has brought comfort, convenience, and health to all mankind.

"The Indian's friendship for his white brother is as warm as the glowing embers of the council fire, and as constant as the mellow glow of the moon. The friendship of the Kiowa is not decreed of men - but is joined in the realm of the great spirit - it is extended only to those who have exemplified their friendship to mankind by valor and deed. This friendship cannot be bought - it must be earned.

"President John E. Haines - will you please take your place beside Chief Sawkeah ---"

(A genuinely surprised president Haines took his place beside the Chief.)

"John E. Haines - honored among men - leader of a great society - the people of Oklahoma are proud to pay you a fitting tribute in appreciation for the contribution you have made,
and are continuing to make, as a leader in the heating and air conditioning industry, and as President of the American Society of Heating and Air-Conditioning Engineers. You have given unselfishly of your time and you have been a constant source of inspiration to those who have had the pleasure of working with you. Chief Jasper Saunkeah welcomes you into the Kiowa Tribe. Your name shall be Chief Gome-Pau-Toa-Keah, which in the language of the Kiowa means "Men Who Controls the Weather."

"Now Chief Saunkeah will place on your head the emblem of Chief. This is an Indian war bonnet, for untold years a mark of achievement. Every feather has a meaning. Keep it always as a sign of the high regard held for you by your brothers in the Kiowa Tribe.

"And now, as a sign of your acceptance of adoption into the Kiowa Tribe, you will clasp hands with Chief Saunkeah.

"And now, Chief Gome-Pau-Toa-Keah, may we wish you every good fortune in your new role as Chief and brother in the Kiowa Tribe."

After President Haines was seated, toastmaster Gray opined that the preceding ceremonial was very fitting inasmuch as "our research department tells us that Mr. Haines has some Indian blood in him - five generations back his great, great, great-grandmother was an Indian princess."

Mr. Tom Collins, publicity director of the City National Bank & Trust Co., of Kansas City, was introduced as speaker of the evening. Speaking on "Two and Two Aren't Always Four", Mr. Collins lived up to his reputation of "30 jokes in 30 minutes, and a moral to every joke." A photographer took several pictures during Mr. Collins' address and it wasn't necessary at all to ask the audience to smile.