President

1969

Ray Roby





CERTIFICATE OF APPRECIATION

Awarded to

Ray L. Roby President, South Dakota Chapter

1968-1969

in grateful recognition for devoted service to the growth and progress of the

American Society of Heating. Refrigerating and Air-Conditioning Engineers, Inc.

Executive Secretary



whiteladay President

UNITED ENGINEERING CENTER, 345 EAST 47th STREET New York, N. Y. 10017 PLaza 2-6800

REPLY TO: Bridgers and Paxton 213 Truman Street NE Albuquerque, New Mexico 87108

November 20, 1969

Mr. William Robinson, President South Dakota Chapter - ASHRAE Girton Adams P. O. Box 897 Sioux Falls, South Dakota 57101

SUBJECT: 1971 Region IX Annual Meeting

Dear Mr. Robinson:

mark and P

We are hopeful that your plans for the Regional Convention in 1971 have not progressed to the point where it would be inconvenient for you to allow the New Mexico Chapter to host the 1971 Regional Convention. The reason for this request is that the New Mexico Chapter would like very much to host the convention during the tenure as President of our own Frank H. Bridgers. Will you kindly present this request to your membership and let us know if it is possible for our two chapters to exchange your 1971 Annual Convention for our scheduled 1972 convention?

Obviously, it is urgent that we have your answer as soon as possible.

Very truly yours,

Secretary

PL:ba

cc: Mr. Ray R. Goodwin, Jr. Mr. Barclay K. Barnett

UNITED ENGINEERING CENTER, 345 EAST 47th STREET New York, N. Y. 10017 PLaza 2-6800

> Mr. LeRoy E. Petersen Membership Committee Region IX ASHRAE 1724 Hollywood Avenue Salt Lake City, Utah 84108 October 22, 1969

Mr. W. S. Robinson, President South Dakota ^Chapter P. O. Box 897 Sioux Falls, South Dakota 57101

Dear Mr. Robinson:

I want you to know how very much I appreciated your letter of October 18 indicating your chapter had taken action on the Lincoln Boullion Award. Even though you do not have a candidate, your indication to me of activity in this regard is most appreciated.

Yours very truly, LeRoy E. Petersen

LEP/ic

cc: Mr. C. L. Fleming Vice Chairman, Membership Committee 6840 Japonica Houston, Texas 77017



1969-1970 COMMITTE MEMBERS

Membership Len Krumrie, Chm. Bill Menzel Fred Monick

Program James J. Foy, Chm Bob Larson Bob Quintal Reception Daniel H. Grider, Chm Lou Baete Morton Slight Dick Graff

Technical Daniel T. Woldt, Chm Art DeWit Frank Farkas Lyle Johnson

Attendance Jim Bjorklund, Chm Bruce Everson Frank Nelson

Publicity Harry Greenslate, Chm. Len Thalhuber

Special Events Chuck Neller, Chm Bill Hall Irish O'Connor

Internal News Jim Kelm, Chm. Jim Hill September Meeting 1969-1970 BOARD OF GOVERNORS Ray Roby Chairman W. F. Robinson President Milton Berg Vice Pres. Bob Howe Asst. V.P. Jim Olson Secretary Bill Moser Asst. Secy. Dick Jameson Treasurer Member @ Lrge. Dick Graff Bill Hall Member @ Lrge.

> 75th Anniversary Meeting September 10, 1969 Westward-Ho Country Club Cocktail Hour 6:00-6:45 Dinner 6:45

Board of Governors and Committee Chairman 5:15

Program: Dave Rosenstein -Memories 75 years in Engineering

> Technical Committee Annual program Subject: Sound Levels.

All the Chapters of ASHRAE were requested to meet on the 10th of Sept. to recognize the 75th anniversary of the organization. A plaque will be awarded to the chapter with highest attendance percentage.

Any member desirous of assignment or reassignment please contact the members of the Board.

Educational Committee Ken Bastian



Frank H. Bridgers, Vice-President c/o Bridgers & Paxton Cons. Engrs. Inc. 213 Truman Street, N.E. Albuquerque, New Mexico 87108

August 22, 1969

UNITED ENGINEERING CENTER, 345 EAST 47th STREET New York, N. Y. 10017 PLaza 2-6800

TO: All Chapter Presidents

RE: September 10th 75th, Anniversary Meeting

Dear Chapter President:

We hope that your Chapter is planning to have your regular September meeting on September 10th to commemorate the Anniversary date of ASHRAE's 75th Anniversary.

There is a lot of interest in the attendance contest. You will remember that a plaque will be given to the large chapter (membership of over 150) having the highest attendance percentage, and also one to the small chapter (membership 150 and less).

There will be many ASHRAE members attending Chapter meetings other than their own Chapter. Some will be speakers, others will be on business trips. For example, long before we had set up the contest between Chapters, Southern Union Gas Company had announced a 3-day industry meeting in Atlanta, which will affect many ASHRAE members in Texas, Oklahoma, Arkansas, Mississippi, Georgia, and Alabama. Many ASHRAE members have made arrangements to attend this meeting.

An ASHRAE member attending another meeting may receive home club attendance credit by having his visitors' card signed by the Secretary of the Chapter visited and turned in to his own home Chapter's Secretary. In other words, this would be similar to the way many civic clubs work regarding attendance credit.

I hope that you will increase your effort to get a good attendance at this important Anniversary meeting. Have every member bring a prospective member. This can also be a membership promotion meeting.

Sincerely yours,

leno

Frank H. Bridgers, Chairman (75th Anniversary Committee

FHB:ba

A. S. H. R. A. E. Anniversary

The South Dakota Chapter of the American Society of Heating, Refrigerating, and Air Conditioning Engineers celebrated the 75th Anniversary of the Society at the Westward Ho on September 10, 1969.

Fourty-four Members and guests were present.

Mr. Dave Rosenstine of Spitznagel Partners, Inc. spoke on memories of 75 years in Engineering.

The Technical Committee of Daniel Woldt, Richard Jamison, and Curtis Sturdevant gave a Slide-Tape presentation of the subject of acoustics in air-conditioning systems----It was pointed out that the study of Sound in Mechanical Systems is a relatively new science.

It is becoming increasingly important because of lighter building construction and more sophisticated occupants.

The South Dakota Chapter was chartered in October, 1969 and has a membership of ninetytwo (92)--including Engineers, educators, contractors, manufacturers, manufacturers agents, physical plant administrators, and students.

Ray Goodwin Co.

MANUFACTURERS REPRESENTATIVE

Heating • Ventilating • Air Conditioning Equipment

4501 SOUTH 96TH STREET OMAHA, NEBRASKA 68127 PHONE (402) 339-2484

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POST OFFICE BOX 2143 DES MOINES, IOWA 50310 PHONE (515) 288-6865

May 12, 1969

4/7/69 155 Fg O Fire guadan Augulan Mr. Ray L. Roby Box 368 Mitchell, South Dakota

Dear Ray:

Please find enclosed a copy of a director's report we will have to make in Denver on June 28. If you have received a request for this information from Mr. Spurlock, please disregard this request. If not, I would appreciate it if you would get to me assoon as possible the information as pertains to your chapter as outlined in this report.

Very truly yours,

RAY GOODWIN COMPANY

Ray Goodwin, Jr.

RG:ca

Enclosure

MITCHELL RE CO1 RLR

ASHRAE

REGIONAL DIRECTORS REPORT, REGION to the RCC Meeting Denver 1:00 P.M. Saturday, June 28, 1969

MEMBERSHIP

1. Progress on membership drives by chapters.

EDUCATION

(1. Use of educational film.)

(2. Reactions to date after use of film.)

(3. Other chapter education activities - continuing education, etc.)

RESEARCH FUNDS

(Solicitation by chapters.)

CHAPTERS MEETING OR CONFERENCE

(1. Brief comments on success of meeting.)

(2. Recommendations for improvements.)

OUTSTANDING PAPERS (IF ANY) FOR RECOMMENDATION TO NATIONAL PROGRAM COMMITTEE

ACTION ITEMS FROM REGIONAL MEETING

OTHER ITEMS

May 14, 1969

Mr. Robert D. Pagliasotti 1440 South Lipan Denver, Colorado 80223

Dear Mr. Pagliasotti:

Enclosed is letter to Honors and Awards Committee recommending Ben Spurlock for Distinguished Service Award. As you know, it is necessary to include a biographical record and letters of recommendation with this letter.

I am enclosing two copies of biographical record form to be filled out. Please complete this form and secure necessary letters of recommendation and send to Honors and Awards Committee along with enclosed letter of nomination from Region IX Conference.

Very truly yours,

Herbert D. Speyer

Herbert D. Speyer President, Wichita Chapter

HDS:wjg

cc: All Delegates and Alternates

May 14, 1969

Honors and Awards Committee American Society of Heating, Refrigeration and Air Conditioning Engineers, Inc. United Engineering Center 345 East 47th Street New York, New York 10017

Gentlemen:

The delegates from Region IX at the 1969 Regional Conference voted to recommend that Benjamin H. Spurlock, Jr. be given the "Distinguished Service Award" in appreciation of his fine work as Regional Chairman, Region IX, and also in appreciation of his other outstanding work in the Society.

Enclosed are biographical record and letters of recommendation.

Very truly yours,

Herbert O. Speyer

Herbert D. Speyer // Acting Chairman Region IX Executive Committee

HDS:wjg

cc: All Delegates and Alternates

CHAPTER MAY NOT ACT FOR THE SOCIETY

UNITED ENGINEERING CENTER, 345 EAST 47th STREET New York, N. Y. 10017 PLaza 2-6800

March 24, 1969

To: Ray Roby Mitchell, S. Dak.

Reference: Region IX - Regional Conference Wichita, Kansas May 9 & 10, 1969

Gentlemen:

The Annual Region IX Regional Conference is coming up very shortly. This will be held in Wichita, Kansas on May 9th and 10th, 1969. I hope that all of the Education Committee Chairmen are planning to attend along with your delegates.

You must have a written report ready to present regarding the work of your Education Committee during the past year. Please refer to my letters of July 3, 1968 and January 30, 1969 in regard to the various items discussed at the National level by the Education Committee and which you should be following on the Chapter level. Please have this report ready to turn in at Wichita.

I would like to meet with all the Chapter Education Committee Chairmen that will be at the Regional Conference. I may not know who all of you are so please let me know at Wichita.



Yours very truly,

Region IX, National Education Committee Member

Education Committee

Donald E. Whitney P. O. Box 1427 Lincoln, Nebraska

DEW:mjc cc: Prof. Benjamin Spurlock L. V. Appleby

To: Ray Roley

UNITED ENGINEERING CENTER, 345 EAST 47th STREET New York, N. Y. 10017 PLaza 2-6800

February 22, 1969

To: Region IX Chapter Presidents and Education Committee Chairman

Gentlemen:

I am enclosing a copy of a December 19, 1968 letter from William A. Smith, Assistant Professor at the University of South Florida, to Mr. Mark E. Mooney, National Education Committee Member from Region IV, and also a copy of the transmittal letter from Loran Appleby, Chairman of the National Education Committee.

I thought the letter from Mr. Smith was very interesting and probably fairly well outlined the situation as far as recruiting on the campuses. Since this is a good summary, it should be good "food for thought" for all of us.

Yours yery truly,

Donald E. Whitney Region IX Education Committee Representative P. O. Box 1427 Lincoln, Nebraska

DEW:mjc Encls.



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L. V. Appleby, Chairman Education Committee c/o L. V. Appleby, Inc. P.O. Box 11030 Albany, New York 12211 UNITED ENGINEERING CENTER, 345 EAST 47th STREET New York, N. Y. 10017 PLaza 2-6800

February 17, 1969

TO: NATIONAL EDUCATION COMMITTEE MEMBERS

Gentlemen:

Mark has sent me an interesting letter from Bill Smith, an old friend of mine, from the University of South Florida at Tampa.

I thot you would like to read it and comment.

Very truly yours,

pple

L. V. Appleby Chairman National Education Committee

LVA:lwz Enclosure

FER 1 0 1398

UNIVERSITY OF SOUTH FLORIDA

TAMPA, FLORIDA 33620

COLLEGE OF ENGINEERING

AREA CODE 813: 988-4131

December 19, 1968

Mr. Mark E. Mooney K.V. APPLEBM

4525 Gaines Road Tampa, Florida 33611

RE: ASHRAE Student Membership Program

Dear Mark:

You asked me at our recent Chapter meeting if I would contribute a few thoughts concerning ASHRAE's program to interest student engineers in the heating, refrigerating and air conditioning industry. Actually, I am very pleased to do this, since it is a subject that is of concern to me.

In teaching and counseling, I always try to get some idea of where my students think they are heading: their industry goal; their choice of location; their interest in research, design, production, sales, management, consulting, contracting, etc. <u>I have found very few who</u> had any definite idea of where they were heading. Practically all, it seems, depend on "recruitment" to settle the issue for them. They take interviews on campus, with all the nation's largest industrial companies, sift through the resulting job offerings, and pick what they consider to be the best. Generally, major companies offer about the same starting salaries: from \$775 to \$950 a month for a B.S. degree to \$1,100 per month for an M.S. These large companies send trained recruiters who do a good job in getting their story across. Some of our recent graduates have gone to: DuPont, Ford, TVA, Florida Power Co., Tampa Electric Company, Radiation, Inc., Boeing, Frocter and Gamble, U.S. Army, Westinghouse, Shell Oil, I.B.M., etc.

As far as I know, we have not had any recruiters from the heating, refrigerating and air conditioning industry. This may be because we are a new and small school and don't turn out too many graduates (about 25 per year). But it could also be because our industry does not do much competitive recruitment. If, indeed, there is a shortage of new engineers entering our industry, then why aren't the companies who need these young men actively, competitively seeking them? Unless they do recruit, they probably won't get any young men. As it is now, each graduate receives about three offers from the large companies and has no need to go out looking for a job. He receives his offers in the mail (competitive bids?) and then evaluates them leisurely over his morning coffee. Youth, today, is spoiled rotten. If an industry refuses to come to the campus then their only recourse is to recruit men already working in the industry (which doesn't add to those in the industry) or to recruit men working outside the industry. This later method can be somewhat wasteful of experience, especially in those cases where almost complete retraining is required to acquaint the new man with our industry. Also, it is usually difficult for a mature person, with family responsibilities, to change industries and accept a lower starting salary, commensurate with his status as a partial trainee. Another comment here would be that really good men would not accept these lower starting salaries, since they can usually change jobs within their own industry at a salary increase, by moving up rather than sideways and downward.

It would seem, therefore, that the future health of our industry is best assured by competitive recruitment on campus. If this means disruptive higher salaries all up the line, then the question arises as to whether salaries in our industry are now and have been too low. The large companies do offer challange, opportunity and financial rewards. This fact cannot be ignored. If the profitability of our industry is not high enough to provide similar financial rewards, then it is difficult to sustain any argument for advising a man to enter it, regardless of age. If only the starting salaries are low, but future salaries to the "right man" are high, then we have a selling point that will not be missed by these young men, if we establish communication with them. However, they cannot be fooled. Any failure in delivering on recruitment promises will backfire. Word travels fast on campus.

As to ASHRAE's part in this program, I would say that it is doing all that any industry can expect of its Society. We do have desirable, cut-rate student memberships and the contacts with key professors on campus to make known this fact. There are chapter scholarships, and Society research grants available to help young men. The Journal is sent to the student members and this is a means of communication of employment opportunities, however, weak compared to a visit and an interview. Unless the Society wants to take over actual campus recruitment, I don't see that it can do much more. I believe the responsibility for recruitment now lies with the individual companies in our industry and that their success depends on their willingness to compete with the large companies for the employment of young engineers.

In summary, if our industry is in need of more young engineers, we will have to communicate with them on campus - the young engineers will not seek us out looking for a job. <u>Once communication is established</u>, we will have to <u>offer them as much personal challenge and financial reward as other industries</u> <u>are, indeed, offering</u>. Offering the challenge is easy; but if offering the financial rewards is a problem then we should take a long, hard look in the mirror. If we are selling ourselves and our services too cheaply, then have we the right to recommend ourselves to anyone, student or non-student? I certainly hope this is not the problem. If not, the task, then, is to get our story across to where it counts - into the young engineers' hands in the form of an employment offer. This is made after properly describing the nature of the challenge that lies before him and the dollar amounts of the rewards he can reasonably expect to receive for successfully meeting these challenges. I hope, Mark, that these comments help to give you a view of the recruitment situation as seen from the campus.

. .

Sincerely,

Bill

William A. Smith Assistant Professor

WAS/ab

UNITED ENGINEERING CENTER, 345 EAST 47th STREET New York, N. Y. 10017 PLaza 2-6800

January 30, 1969

Mr. Ray Roby Box 368 Mitchell, South Dakota

Reference: National Education Committee

Gentlemen:

The National Education Committee held a regular meeting on Saturday, January 25, 1969, at the Conrad Hilton Hotel in Chicago. I had the good fortune of attending this meeting as the National Education Committee Representative from Region IX. The following items were discussed by the Committee. Some of these items will require action on your part and I would like to suggest that your Education Committee Chairman go to work on these promptly.

Please send me a list of all the schools in the area covered by 1) your Chapter that offer any courses in Air Conditioning Technology. This list is needed by the Admission and Advancements Committee so that it can use the information in regard to the proper classification of applicants and, also, so that the National Education Committee will have a composite list of schools which offer courses of this type. The list of schools should include the following:

> Four-year Colleges Junior Colleges Community Colleges Vocational Institutes

Also list the type of degree which is offered, such as:

Baccalaureate Associate Two-Year Certificate Vocational Institute Certificate

You should also list a description of the type of graduate, such as:

Engineer Technician Service Man

Please send this list to me within the next thirty days as the Chairman of the National Education Committee wants to have this information assembled as soon as possible.

January 30, 1969 Page = 2 =

- 2) If any school or training session in your area is planning on using the Fundamentals Handbook for a classroom text or reference book, and if the students in the class will signed up as Student Members, then the instructor of the course can request a supply of Fundamental Handbooks to have on hand when the class starts. The instructor would then sign up the Student Members and forward the application along with the \$5.00 membership fee to the New York Office, noting on the application that the student had already received the Fundamentals Handbook. This could avoid any delays in procurement of the Fundamental Handbook for your classroom purposes. For further information, contact Steve Singleton in the ASHRAE Office in New York City.
- 3) Send me a list of the Scholarship Awards offered by your Chapter. The list could include cash awards, gift publications, student memberships, etc. Please include the number and the dollar amounts of these awards. Please send me this list as soon as possible so that I can forward it to the Chairman of the National Education Committee. I would suggest that each Chapter consider a Scholarship Award in their next year's program, if you do not already have one now.
- 4) It is suggested that the Chapter Education Committee have a budget to work with. One method would be to supply the Education Committee with a number of "free dinners" to be used when students or high school counselors are invited to attend regular meetings.
- 5) It was noted that some Government Trainee Programs are available to help finance part-time student employees. Check with your local authorities if interested in programs of this type.
- 6) California State Polytechnic College at San Luis Obispo will offer courses starting in the fall of 1969 leading to a degree of Bachelor of Science in Engineering Technology. This degree would be slightly more technician-oriented than the regular Bachelor of Science in Engineering Degree. If you know of anyone interested, contact Professor James McGrath or Professor Rodney Keif at Cal. - Poly.
- 7) Articles by two members of the Education Committee will be appearing in future issues of the ASHRAE Journal. One will be an article on Student Motivation by Jack Everetts and the other will be an article of Results on Manpower Surveys conducted not only by ASHRAE but also by ARI and others. This article will be by Ron Caffrey from Region VIII.
- 8) The Committee discussed the project of the Michigan Chapter of ASHRAE in their Air Conditioning Fundamentals Program. A copy of this Program is attached. For further information, contact Mr. J. B. Olivieri, J. B. Olivieri and Associates, Inc., 29111 Harper Avenue, Saint Clair Shores, Michigan.

9) The Committee discussed the role of ASHRAE in regard to courses of

January 30, 1969 Page = 3 =

> instruction in "Building and Construction Inspection". We did not reach any conclusions. If you know any courses of instruction of this type in your area, please advise.

10)

Please report back to me on Item No. 1 and No. 3 as mentioned above within the next thirty days. If you do not have any information on either of these items, please advise me of that. Also, as part of your regular duties, a written report on the activities of your Chapter Education Committeee for the current year must be ready and given to me at the Region IX Conference in Wichita on May 9, 1969 or sent to me prior to that time so that I can in turn report the activities of the Region at the annual meeting in Denver, Colorado in June.

I want to thank you in advance for your attention to these items. I will look forward to seeing you at the Regional Conference in Wichita.

Yours very truly,

Region IX Education Committee Representative

Donald E. Whitney

P. O. Box 1427 Lincoln, Nebraska

DEW:mjc Encl.

cc: L. V. Appleby Prof. Benjamin Spurlock

<u>ASHRAE BLUE PRINT</u>





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Bud Robinson Girton-Adams 738 South 1st Avenue Sicux Falls, South Dakota 57104



DATE: July 11, 1969

PLACE: Minnehaha Country Club, Sioux Falls, South Dakota

ACTIVITIES: Golf and Bridge: 1:30 p.m. Trap Shoot: Practice at 2:30 p.m. Program at 3:00 p.m.

The Trap Shoot will be held at Crooks Gun Club. The club is located 2 miles north of the Ramada Inn on I-29, turn east at junction of 38A for 1/2 mile, then north on gravel road for 2 miles and then turn west for 1/4 mile to clubhouse.

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HEATING REFRIGERATING AND AIR CONDITIONING AMERICAN SOCIETY OF Olson Oar U OFFICIAL PUBLICATION SOUTH DAKOTA CHAPTER ENGINTERS 4610 W Thee 30 BLOCK Girton-Adams 738 South 1st Avenue Sloux Falls, South Dakota Bud Robinson 22JOT 6 Marly Holden Hule To 1-4-1 and Olin PaH Joo Celu 409 1145K 60 262 00 262 00 96 200 sect Box 1076 51101 55 pares 4500

TRAP SHOOT IZAAK WALTON CLUB GROUNDS I MILE EAST ON HIGHWAY 16 1½ MILES SOUTH 3/4 MILE OFF TURN-OFF TO CACTUS COUNTRY CLUB * WHEN * PRACTICE 3:00 PM TROPHY SHOOT 4:00 PM (50 TARGET TOTAL) ZES! * SHELLS AVAILABLE \$2,50 BOX BRING YOUR OWN GUN 16 YARD SCORE (25 TARGETS) HIGH HDCP SCORE (25 TARGETS) HIGH HIGH OVERALL SCORE (50 TARGETS) NO SHOOTER CAN WIN OVER ONE PRIZE \$1.00 25 TARGET PRACTICE \$ 1.25 25 TARGET TROHPY SHOOT