



DISTRICT HEATING

OCTOBER-NOVEMBER-DECEMBER 1975

VOLUME 61-NUMBER 2

STATEMENT OF POLICY

The International District Heating Association represents those companies and individuals engaged in the concept of supplying thermal energy in the form of steam, hot water, and chilled water for heating, cooling and process use in organized communities. It represents the industry throughout the United States and Canada, and has affiliates throughout the world.

The membership is involved in and greatly concerned with the most efficient use of energy, the planning and development of central cities and other high density areas, the conservation and encouragement of investment in the industry, and the protection of the environment in an intelligent and rational manner.

The IDHA, by the very nature of the industry, supports clean air and protection of the urban sector because these efforts are best achieved by central energy distribution methods. It is opposed to an emotional atmosphere in environmental matters resulting in unnecessarily costly, constrictive or ambiguous governmental controls. It supports safety programs that are proven concepts with economically justified benefits.

The Association's objectives are to collect, coordinate and disseminate ideas and information on efficient methods of producing, distributing, marketing and utilizing central energy systems, and on the accounting and administrative methods employed in the industry; to advance knowledge and learning, and to stimulate invention and research; and to cooperate with other organizations and agencies by interchange of ideas and information.

President Clymer's Official Greeting to UNICHAL

The Union Internationale des Distributeurs de Chaleur (International Union of Heat Distributors) met in Paris, France on September 17-19, and the President of IDHA sent the following letter of greeting to the President of UNICHAL.

July 15, 1975

Mr. A. Visseq, President
Union Internationale des Distributeurs de Chaleur
185, Rue de Bercy
Paris 12eme, France

Dear Mr. Visseq:

As president of the International District Heating Association, I wish to offer our official greetings to all of the 1975 UNICHAL Congress delegates, with our very best wishes for a most successful meeting.

In keeping with our expressed mutual desire to establish a close relationship toward understanding and valuable exchange of information, may I offer a brief word about ourselves and some of our problems.

The IDHA dates back to before 1910. The industry itself had already existed for two decades or more, but it was not until this time that real growth started, as building heating became a convenient means to dispose of waste steam from non-condensing electric power generation equipment. The privately owned electric utility companies subsidized most of the expansion of district heating in those early years, largely as a means of replacing on-site direct current lighting with centrally generated alternating current power. Heating service, therefore, became a necessary adjunct to shutting down individual building boiler plants. Since most of these older buildings were steam heated, the district heating systems were steam also.

As the industry grew, our Association also flourished. Today it is a broad body representing every phase of the business in the U.S.A., Canada, and, more recently, including our good friends in Europe and Asia. Traditionally, the bulk of our activity has been within the privately owned utility companies serving the more highly populated downtown districts of our larger cities. In addition to straight steam plants, many of our systems have for many years used combined electric and steam operations to good advantage. But we are only now beginning to utilize refuse for power generation, which admittedly places us somewhat behind in this area.

In recent years, some of our most dynamic growth has occurred within government agencies, as well as on our college and university campuses and other institutional types of developments. Many of these newer

systems use high temperature hot water (some combined with chilled water), a development which reflects a growing awareness of certain advantages over straight steam distribution. The organization is gradually changing in response to this transition, although the utility companies will no doubt continue to be most influential for the foreseeable future. As a result, there occasionally arise some differences of opinion among our members. Fortunately, we have always been able to settle our differences in the freedom of an open forum, where healthy debate and honest sharing of experience and knowledge leads to solutions in the best interest of all.

While remaining firmly committed to the principle of freedom of enterprise, as practiced in the United States, we are well aware that technologies exist beyond our borders and throughout the world which we can put to good use. Likewise, we feel that there is much we can offer to others, particularly in matters of energy conservation, economic operations, environmental improvement, and prudent utilization of natural resources. These, of course, are world-wide concerns, familiar to each one of us. But these problems of today are really challenges, in whose solutions lie our greatest hopes for tomorrow. Furthermore, as you are well aware, these matters have their greatest impact in our cities and other densely populated areas. With urban renewal occurring throughout the world, our seemingly mundane industry, district heating, naturally assumes a prominent role in shaping our cities of the future. I have every confidence that, working together, we can meet that challenge successfully.

And now, as we approach the 200th anniversary of our Nation's freedom, we extend to you a cordial invitation to join us in our celebration. More importantly, though, in the true "Spirit of '76," let us unite in the purpose of improving the quality of life on our planet. Hopefully, future meetings might be arranged where meaningful dialogue and sharing of technology can take place. In the meantime, and within the limitations of our capabilities, let us mutually dedicate ourselves to resolving these universal problems in the best ways that we can. Let us strive, at this moment in history, to kindle a flame of international cooperation whereby our highest goals can be achieved.

With kindest personal regards, and on behalf of the members of IDHA, I again wish you and your delegates every success in your endeavors at the 1975 UNICHAL Congress.

Sincerely,

Ellwood A. Clymer, Jr.
President of IDHA

Mr. Visseque's Reply

28 Aout, 1975

Monsieur Ellwood A. Clymer, Jr., Président
International District Heating Association
Pittsburgh, Pennsylvania

Cher Monsieur Clymer,

Je vous remercie de votre lettre du 15 Juillet 1975 et de vos bons voeux pour la réussite du Congrès UNICHAL de Septembre prochain.

Je regrette vivement qu'aucun représentant de votre Association ne puisse venir à Paris.

J'espère que d'autres occasions se présenteront dans le futur de resserrer les liens entre IDHA et UNICHAL.

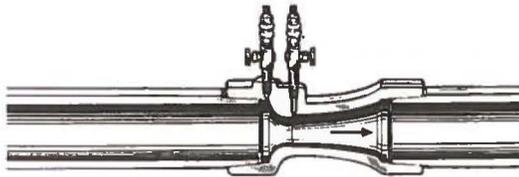
Je suis tout à fait d'accord avec votre aimable proposition de me faire parvenir en tant que Président un message officiel dont je pourrai donner lecture à la tribune à l'ouverture du Congrès et une note sur les buts et les problèmes actuels de l'IDHA, que je diffuserai aux congressistes.

Veuillez agréer, Cher Monsieur Clymer, l'expression de mes sentiments les meilleurs.

A. Visseque, Le Président de l'UNICHAL

(Readers: How is your French? If you need the English translation of Mr. Visseque's letter, please turn to Page 15.)

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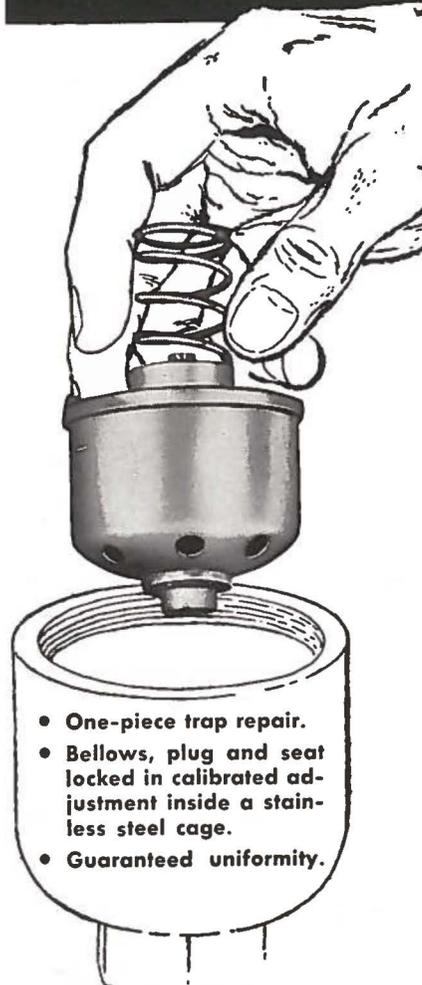
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Conferences on District Heating in Europe

April 6-9, 1976

Warsaw, Poland

Third International District Heating Convention

Registration information may be obtained from the IDHA Office.

Authors of papers from approximately 15 countries will present reports on four main themes:

- Role of district heating and heat supply in relation to the world fuel and power situation
- Development of district heating from the viewpoint of protection of the environment
- Methods of combined heat and power production
- Locating district heating distribution centers to give the optimum efficiency

On April 9, the final day of the Conference, visits have been planned to some nearby district heating installations.

October 4-7, 1976

Copenhagen, Denmark

International Total Energy Congress

Three days of technical sessions, plus visits to district heating installations in Denmark and neighboring countries.

A general call for papers has gone out, and the subjects for discussion will include:

- Legislative framework for the promotion of district heating
- Role of combined heat and power production as a counter to energy cost inflation
- Transport of heat and distribution to consumers
- Nuclear district heating and process heat supply
- Diesel and gas turbine total energy systems
- Incineration of refuse and design of systems
- Role of heat pumps

Eric Jeffs, Editor of *Energy International Magazine*, one of the original organizers of this Congress and now working on plans for the program, has expressed the hope that American authors will support the Congress. IDHA Members, in particular, have been invited to participate. Please contact the IDHA Office, if you wish to be kept advised about any phase of this conference: instructions for authors, registration, etc.

Unwin Chart

Chart, for determining, according to Unwin's Formula, pressure drop in pipes transmitting steam ($\frac{1}{4}$ to 24-in.). Every steam heating engineer should have one! Price: \$1.50 each; orders for 10 or more, \$1 each.

UNICHAL

(Translation of Mr. Visseq's Letter on Page 13.)

28 August, 1975

Dear Mr. Clymer,

I thank you for your letter of July 15, 1975, and for your best wishes for the success of the UNICHAL Congress next September.

I am quite sorry that no one will represent your Association nor be able to come to Paris.

I hope that other occasions will present themselves in the future for tightening the bonds between IDHA and UNICHAL.

I am in full agreement with your kind proposal of having me, acting on behalf of you, the IDHA President, to read your official message from the podium at the opening of the Congress, and to mention the aims and actual problems of IDHA, which I will pass along to all the attendees at the Congress.

Please accept, dear Mr. Clymer, this expression of my best wishes.

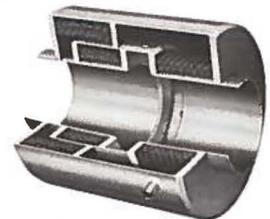
A. Visseq

President of UNICHAL

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