



DISTRICT HEATING

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STATEMENT OF POLICY

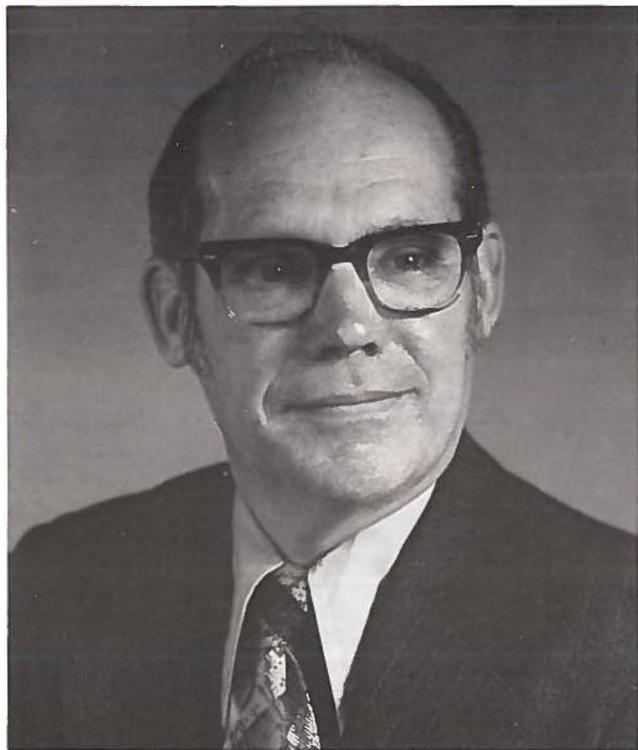
The International District Heating Association represents those companies and individuals engaged in the concept of supplying thermal energy in the form of steam, hot water, and chilled water for heating, cooling and process use in organized communities. It represents the industry throughout the United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

The President's Message



District Heating, the Spirit of '76 and International Relations

Much is being said these days about our nation's role in the world as our Bicentennial celebrations move into high gear. There are many who feel that our true patriotic fervor, indeed our cherished freedom itself, lies in strengthened international relations, perhaps to a greater extent than ever before in our history. Certainly as one reflects upon the lessons of history, it is obvious that there never has been a time when we could exist in a vacuum. Yes, isolationism has had its moments, but by and large as a nation we have always found ourselves in the very thick of things internationally.

It should be no surprise, therefore, that a mundane industry such as district heating finds itself enmeshed in international dealings, and lately even, to some degree, in controversy. Elsewhere in this issue you will find evidence of this. First there was the UNICHAL Congress held during September in Paris. Mr. Visseq, a member of IDHA, tried hard to get us to participate, but unfortunately we were unable to. His cordial letter (in

French!) as well as our official greetings, appear on Pages 12-13. Possibly, this correspondence might mark the beginning of a new era of meaningful exchange between ourselves and this important European Association. Then on Page 7, you will see that a challenge was issued in the widely circulated *Energy International* magazine. The "conflict" of steam vs. hot water as related to combined, large scale electric generating/district heating networks, is really no conflict at all unless one wishes to argue foolishly about it. At any rate, your Board of Directors felt that a moderating response by the President was in order. My effort in this regard appears on Page 8. Your comments are, of course, more than welcome.

While we certainly have no desire whatsoever to be drawn into any international debate, I can't help but feel that like it or not, there are many who for some reason or another, want to do just that. Recent mail received at Headquarters indicates that the "issue" is not over. Our job, therefore, seems to be one of cooling off those who want to argue, and get down to a more useful technological exchange. To be sure, we have much to learn from others. Indeed there are differences, even among the members of the IDHA and also within our various national agencies. Yet it is important that we never permit opposite viewpoints to interfere with our ability to communicate with each other.

It is in this same spirit of unity of purpose which I mentioned in an earlier "Message," that we must seek ways to cooperate with other nations and societies abroad. At this very moment we are being urged to attend not one, but two International District Heating Conventions, one in Warsaw and one in London, on exactly the same dates next April! Still another group plans to meet in Copenhagen next October. These various agencies are clearly competing with each other, so our attempt to maintain a position of interest while remaining neutral, requires not a small amount of diplomacy, particularly if we are to become welcome visitors. And if we are to be a truly International body as our name states, then travel we must.

Which brings us to the question of sponsorship of such travel. More specifically, said sponsorship really means financing. Your Board of Directors feels that the matter is important enough that they are investigating various alternatives. Government sponsorship of a task force is one method being considered. In fact, ERDA's National Energy Plan provides for international cooperation to formulate the most effective use of the world's resources. I am in the process of expressing our desire to be a part of this effort. This would not be unlike several foreign exchanges now being planned "in reverse." Specifically, as this is being written, the German Government, with the guidance of Battelle Institute, is planning a visit to five or six major systems in the USA, including at least one college campus. This is the very group which is deeply involved in nuclear powered, regional or grid type systems. Obviously they feel there is something to be learned here. Likewise, the Swedes

are evaluating the possibility of having a bilateral exchange with us, similar to the one which was carried out so successfully last April with the Canadians. The government of Finland is also sponsoring an appraisal of U.S. practice. And so it goes. We shall try to keep you posted as these various exchange plans unfold.

In the meantime our domestic activities continue unabated. The MIUS plan seems to have gained some new life and we should be hearing more about it before too long. Other Government agencies are showing more and more interest in and awareness of district heating, although the National Energy Plan proposed to Congress by ERDA last June failed to mention it. A commentary is being prepared which hopefully might result in some recognition of our industry's potential in a planned second ERDA report which will be aimed at implementation. And a recent NSF report urges use of

combined electric/steam plants to conserve energy! Interestingly, the newly appointed Assistant Administrator of FEA, Mr. Rosenberg, who was one of the directors of this study, states that, "several Gulf Coast and California utilities have expressed interest!" Obviously our Public Affairs Committee has quite an educational task before it.

But that goes for each one of us. After decades of relative calm and seclusion, our comfortable niche as a mere drop in the energy bucket seems to be blossoming into not only a national concern, but an international issue as well. We had better rise to the occasion. With your dedication and support I'm sure we will.


President

Report of IDHA Representative on American National Standards Institute Committee B87

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Since my appointment as the representative of the IDHA on the ANSI Standards Committee B87, "Decimalized Measure," it has prepared and submitted for approval a fifth draft of a new "Decimal Inch" standard. This draft was first subjected to public review by ANSI in October of 1973. Following this examination it was returned to the committee for revision. In a meeting at the Society of Manufacturing Engineers Headquarters in Dearborn, Mich., on May 1, 1975, the full B87 committee approved revisions to this draft and are now ready to resubmit the proposed new standard to ANSI for what, hopefully, will be final acceptance.

One of the original purposes of this Standards Committee was to promote the conversion of American industry to the metric system. It was felt that this best could be accomplished, if industry could be persuaded to abandon its fractional measurement system for a new decimalized measurement system. It was also believed, a committee whose members represented a broad cross-section of industry would assist in this promotion. The committee's first task was to formulate an acceptable decimalized standard. The fifth draft, if accepted, will be the culmination of this effort.

In recent months the move toward conversion to the metric system has gained new emphasis and popularity in this country. As a result, the push for acceptance of this standard is very high at this time. Also, ANSI has added new responsibilities to the committee's activities as can be noted by the following revision of the committee's scope.

Scope of B87, 1975

To define and present preferred systems for expression and use of decimalized units of measure, in US-Customary and SI units, intended primarily for the engineering and manufacturing of products requiring interchangeable parts; and to define preferred graduations for linear measuring devices, such as tapes, rules and scales for all decimal measure in both systems.

Currently, a sub-committee has been working on new standards for the graduations of metric tapes, rules and scales. At a meeting held on June 25, 1975, it was recommended, because of the diverse applications of each of these measuring devices, that a separate standard be developed for each. The ANSI B87.2 designation is to be used for a graduation standard of "Metric Drafting and Engineering Scales," the designation ANSI B87.3 for a graduation standard of "Metric Shop Rules," and the designation ANSI B87.4 for a graduation standard of "Metric Engineering Tape Rules." It is hoped that all of these proposed new standards will be ready to submit to ANSI by the end of 1975 or early 1976. *

Front Cover

The Statement of Policy on the Front Cover of this issue was approved by the IDHA Board of Directors at its meeting on September 11, 1975. The Statement will be included in each issue of *District Heating*, and it will be attractively printed on cards which can be used as enclosures with appropriate mailings sent out from the Headquarters Office.