

INSTITUTE OF DOMESTIC HEATING AND ENVIRONMENTAL ENGINEERS

CONFERENCE REPORT

WELL ATTENDED — FIRST RATE PAPERS — STIMULATING DISCUSSION

The Institute's Annual Conference lived up to the reputation it has established with another first rate day on Friday the 8th of June at the City Conference Centre.

Conference Chairman Geoffrey Granter MA, FIDHE set the scene for a full house of close on 150 delegates and laid the ground rules for the day's debate.

First speaker, David Sales, MIDHE, MIE, MIP, AMInstR, MASHRAE, caused some degree of apprehension with his futuristic paper on 'Microwave Heating for Environmental Comfort'. A real eye opener of a paper which led to more than one delegate wondering what might happen if the controls went wrong. The full paper, from which David condensed his presentation, contains the answers to this and even more details of this fascinating subject.

'Underfloor Heating Systems' was the subject of Phil Shannon FIDHE, S.Eng, FInstSMM, MBIM, MIP who went a long way to prove that the old image of underfloor heating as a grossly extravagant and inefficient method was no longer true. He raised a chuckle when he said that the reaction to the words underfloor heating might be 'That's no good - my Aunt Clara died in poverty with swollen-ankles' or 'Poverty and Hyperthermia'. His presentation left no doubt that methods had advanced a good deal since those days.

Bryan Cheney BSc, CEng, MICHE of British Gas, Watson House similarly dispelled a number of myths associated with 'Appliance Flueing' in his paper on 'Flues - Theory and Practice'. From a discussion of open flues and brick chimneys, through pre cast block flues to balanced flues his presentation gave clear guidance in both the 'how' and the 'how not to' and the many aspects of flues. Supported with a profusion of slides and diagrams the paper led to an interesting question time.

Following on from the morning session delegates and speakers retired to refresh themselves with aperitifs in the exhibition room, where the conference sponsors (listed below and to whom many thanks) were displaying some very nicely set out exhibits. It is not always appreciated just how much work goes into the exhibition and this is the place where so much of the business and discussion of the conference takes place. A word of thanks then to the sponsors representatives - many of whom travel quite a distance to set up and remove the displays.

The photographs show the evident enjoyment of the social part of the day which continued over a banquet lunch before delegates reassembled for the afternoon session.

First item on the agenda for the afternoon was a special presentation by Institute President Norman Bailey FIDHE, SEng, FInstSMM, MInstM to G.R. Claudio, Managing Director of G.R. Claudio (Heating) Ltd of the Warrant of Corporate Membership. Norman, in making the presentation, referred to the enthusiasm of 'Claud', as he is usually known, for upholding high standards and said that by so doing he would continue the traditional requirement for Institute membership. Claud in an ebullient reply said that he held in high regard the fact that his organisation had been recognised and honoured with Corporate Membership and that they would continue with their policy of product training for customers with even greater zest.



G.R. Claudio, Managing Director of G.R. Claudio (Heating) Ltd, being presented with their Warrant of Corporate Membership by Institute President Norman Bailey at the Annual Conference.

An Invitation

Your newly elected President Bill Keegan and his wife Margaret look forward to the pleasure of your company on the occasion of the

ANNUAL DINNER DANCE

to be held on **FRIDAY THE 26th OF OCTOBER** at Bucklersbury House, Cannon Street, London EC.

Individual or group bookings with tables of up to ten can be accommodated and company reservations are welcome.

A splendid evening can be anticipated, with good food, good service, reasonably priced wine and the same excellent band that kept us dancing 'til late last year.

Tickets £17.50 per head are obtainable from the Institute at 37a High Road, Benfleet. Your early reservation is requested to avoid disappointment - there is a maximum of 120 and last year was an early sell out.

IDHE

INSTITUTE OF DOMESTIC HEATING AND ENVIRONMENTAL ENGINEERS

PLEASE NOTE OUR NEW

ADDRESS - TELEPHONE UNCHANGED

37a High Road south benfleet 54266
Benfleet Essex std code 037 45



Tim Reynolds (1) enjoying a lunchtime discussion with Past President Don Hayes

The concluding open forum session had all of the speakers on the platform answering questions of every type, some far removed from the original subject, until with time long gone, Conference Chairman Geoffrey Granter had to call a halt.

A brief summary of the day by Geoffrey and then Conference Organiser Eric Farrow, IDHE Chairman, moved a vote of to the Chairman and all of the Speakers for their contribution to a highly enjoyable and successful day.

The Conference concluded with the traditional Tea and Conversation, with much informal discussion continuing in the exhibition room. Those who were by then, not too exhausted, managed to haul themselves to an adjacent hostelry to sit outside and sup ale in the sunshine (or G & T) before departing.



Speaker John Winnett TI Creda Chairman & M.D. (L) with Conference Chairman Geoffrey Granter



Bill Fleming (1) talking with John Beer

Following on the presentation, Martin Searle BSc, PhD of British Gas, Watson House gave a most appreciated technical discourse on 'Condensing Boilers' with an appraisal of combustion requirements, burners, materials and design of equipment. In his concluding remarks he made the point that improving efficiency was the aim of condensing boilers but stressed that the designer must ensure that there is sufficient return on the customer's investment to justify his choice of such equipment.

The Symposium session entitled 'Low Energy Heating - Gas or Electricity' was in essence a straight confrontation between two of the most persuasive advocates in the industry. For the Gas industry, Fred Hall, BA, MIM - Sales Director of Baxi Heating and in opposition John Winnett BSc - Chairman of TI Creda Ltd. And what excellent presentations the delegates enjoyed. Both speakers giving a whole host of good clear, factual information, interspersed with good humoured, lively and pithy remarks which had the audience enjoying every moment. As may be imagined, the ensuing question session was one of the liveliest ever recorded.



Irvine Barr-Sim (L) and colleague with new President Bill Keegan, Ted Field and new Vice President Marion Moldon



Phil Shannon answers one of the many questions put to the panel in the open forum

SOUTHEND COLLEGE COMPUTER COURSE

Next session, commencing September 1984, the college is offering an evening only course on Computer Programming for Heating Engineers.

The course will be centred around the techniques of program writing for the design of domestic central heating installations and will concentrate on 'basic' as the programming language. No previous knowledge of computer programming is required for the course, although those enrolling will be expected to have reasonable knowledge of heating system design. Micro computing equipment will be available for use but in order to allow as much practical application as possible, the number of students will be restricted to 14.

The course is expected to run on Monday evenings between 7.00 and 9.00 p.m. and enrolment will take place from 5.30 to 8.30 p.m. on Monday and Tuesday September 3rd and 4th.

A reasonable response is expected for the course which will be filled on a first come, first served basis. If you wish to book a provisional place, contact Derek Howe on 0702 353931.

INSTITUTE OF DOMESTIC HEATING & ENVIRONMENTAL ENGINEERS

ANNUAL REPORT

by : The Chairman

At the City Livery Club

Good Morning, Ladies and Gentlemen,

Welcome to the Annual General Meeting, held today in this historical building, the Sion College, one of the premier theological institutions of the world - and home of the City Livery Club. We are privileged to have the facilities of the Club, both today and for our Executive Council meetings.

INTRODUCTION

We have today the special event of Investiture of our new President and also the Investiture of a new Vice-President. They will be addressing you later and thus I shall endeavour to keep my report reasonably brief. I realise that this is rather optimistic as there is much to report on the events of the year.

I believe that you will be particularly pleased with the election of our new Vice-President. However I do not propose to say more at this stage and will leave the pleasure of the announcement to our President Elect.

ANNUAL CONFERENCE

I am sure that you would not wish me to let this report pass without reference to the Annual Conference. This year a full capacity house of 150, with 140 actually attending. The biggest conference we have had since the series recommenced in 1979.

The Papers were excellent and we are indebted to each of the speakers for their dedication and knowledge in giving of their time to make this a very worthwhile day. In mentioning speakers I also include naturally, our Conference Chairman, Geoffrey Granter, whose skilful handling knitted the day together so well.

All of this augurs well for the Institute, particularly in the aspects of publicity and, more especially, professional standing. It is not surprising that stemming from each conference we invariably receive enquiries from members of other professional bodies, searching for information about the IDHE and the services of members.

You may perhaps wonder how the format of the subject matter is compiled each year. Quite frankly, I regard it as a small miracle that so many very busy people respond to the invitation with such alacrity. However, I must say that offers of papers are always welcome and if any member has a technical or commercial subject he would like to air then his contribution would be very welcome. Incidentally it must be easily a record - I already have an offer of a paper for 1985.

Before leaving the subject, I must also record thanks to those companies who sponsor the conference. Without their valuable assistance it would be impossible to mount such an event at a fee which is laughably low in current terms.

And a final note. Hats off to the Institute member who, without previously booking, travelled down from Skelmersdale on the morning arriving only a little late and enquired if there were any places. That is both enthusiasm and optimism - luckily a place was found as a guest delegate had to call off at the last minute.

MEMBERSHIP

Of major significance in the last year is that a number of past members are returning. Some will have re-applied in response to the invitation sent almost two years ago, when our President took office. Others however have of late read in the trade press the recent comments concerning the Powers of Trading Standards Officers under Section 14 of the Trades Descriptions Act.

I am certain that this has caused a rethink about claiming membership, knowing that subscriptions for the years past are still owing. The logical conclusion must be that it is better to become reinstated by paying arrears than to risk the weight of legislation and the heavy cost, both in time and money, which will be incurred.

There are a considerable number of lapsed members, all will be aware of their indebtedness to the Institute for subscriptions, as the practice is for reminders to be sent regularly. It is perhaps easy to overlook one reminder, but it takes effort to ignore a shoal.

The message for those who falsely claim membership is clear. Stop riding on the backs of the subscribing member. If you wish to be reinstated then say so. Pick up the phone, dial 03745 54266 and you will be advised of how much you owe. You will then be sent a direct debit for the amount due. And if that amount is considerable then, subject to a minimum initial payment it can be spread over three or four months direct debit payments.

I don't think there can be a fairer opportunity than that to resolve the problem. It must certainly be better than risking prosecution by the Trading Standards Department.

During the year the number of members elected was somewhat less - total of around 50. There was an increase in the number of members upgraded - some 40 applications of which 80% were granted.

Members are entitled to apply for upgrading, after a reasonable period of membership. Advancement may be granted on the basis of academic achievement, further experience, or projects undertaken. The Executive Council are anxious that members should be of the correct status to reflect their knowledge and would encourage you to advancement if you feel that this is appropriate.

Currently membership stands at around 1750 and with the vast amount of publicity we have achieved of late and the enquiries for membership I am hopeful that this year will see a better rate of growth.

This brings me to a problem which is not uncommon - one which members themselves could do much to alleviate. A prospective member will often say 'I can't remember all those dates and the information you ask for on the form'. Thus he will delay the application until a later date. I am sure we all do the same at times especially with those HMSO & official looking documents.

Where you are sponsoring a member please help him. Remember that we don't really need to know every little detail of his earliest days - although we do need to know his technical background and training, courses taken etc. We also need good clear references - not glowing perhaps, but concise. So with the help of members to guide applicants we should see a better response to all those forms which are sent out.

MEMBERSHIP SERVICES

Last year the Institute introduced a most valuable membership benefit. The free accident insurance scheme which covers all subscribing members, without cost, from the moment of acceptance of membership. You will know from previous comments that the value of this is around £29.00 per annum on an open market basis. It effectively is worth far more than the cost of the annual subscription.

Many members have also taken up the optional extension to cover, which can be gained at a very low premium. For only £16.00 per annum cover for £20000 accidental death etc and £100.00 per week disability can be gained. The open market rate for this is about £90.00.

The renewal date for the extension is September. The form enclosed with the Newsletter should be completed and returned, by mid September to effect coverage from that date. You can be added on at any time, but to gain cover for the full year that is the set date.

MEMBERSHIP PUBLICITY

Membership publicity takes many forms. From the discreet wearing of a lapel badge or tie pin to the display of educational posters.

There is now a further method which comes after a long time demand. Full colour copies of the Institute's logo, for use on Site boards, vehicles or any other place where membership ought to be proclaimed. These logos are 22cm dia; self adhesive and extremely eye catching and attractive.

A number of members are already using them and I understand that one has even thought of using them on wheel hubs as an unusual application - certainly different! They are available in sets of three - which means you need two sets if you do want to put them on wheel hubs - unless you own an old Morgan three wheeler. For the modest cost of £2.50 a set, inc p & p they are first rate publicity.

CORPORATE MEMBERSHIP

You will have noted the number of Corporate Members of the Institute is increasing at a steady rate. Our outgoing President Norman Bailey, has expressed the hope that, before his term of office terminates we should have ten such members. I can say that this has now been achieved as both Stelrad Group Ltd and Selkirk have just joined.

The value of Corporate Members is considerable, not only in financial terms, but particularly in the more direct contact which is offered to members. Most especially in that being members of the same professional body and thereby upholding the same standards must lead to a good deal of mutual respect.

I am sure that members will find this common ground to be a valuable asset. Examples of this have already been quoted from those in technical representation and applies equally in other directions. An appreciation of the other man's view goes a long way to fostering better business relationships.

Incidentally, many members in technical representation do sponsor quite a number of new members. Many have a supply of membership literature which they keep topped up with current publications. I shall be pleased to supply any such member with up to date information, forms, posters etc. on request.

HEVAC EXHIBITION

Members will no doubt have read in the trade press of the presentation of this years International Award of Excellence. There were fewer entries than usual, although I suspect that this really reflects the Exhibition which was smaller than usual.

Nonetheless both the exhibition and the Award gained in quality and interest anything which may have been lacking in quantity. Certainly the exhibition was still too big to get round in one day, although much of this is because it is not only an exhibition - it is the meeting place of the industry. Where else can you meet and talk to so many people at the same time? I know that even spending three days there was not long enough.

Our Award Panel comprised of the usual band of stalwarts led as we always are by Eric Hart as our advisor, mediator and Sherpa. He always knows the best way round - it's all those years of experience.

We inspected virtually every item and eventually made the decision over lunch - where we were again the guests of Vic Gould and his H & V Review team. Many thanks Vic.

The decision finally gave the Award to the Trisaver condensing boiler. Upon imparting the news to their man on the spot, Peter Farley, a hasty phone call produced their Managing Director, Dr. Jim Firby in almost minutes from the works, to be the highly delighted recipient.

The Panel were also impressed with the Mark 8 programmer of Randall Electronics Ltd and their Sales Director, Institute member Alan King, beamed even more jovially than usual when advised of the distinction of High Commendation for this yet again improved item of equipment.

I cannot leave the subject of Hevac without recording our very grateful thanks to the Organisers, Industrial & Trade Fairs Ltd - in particular John Legate and Fran Foster and the whole team for their assistance and hospitality which makes the Award and the whole week a most pleasurable occasion.

EDUCATION

There is a slow change of emphasis in the education scene and one which appears to be in the right direction. The change indicates that certain colleges will now be able to undertake Institute courses, whereas previously they only offered C & G courses.

This is almost certainly due to the changes which have taken place, with TEC units replacing complete courses. Students will undoubtedly benefit by having a better choice of options and I can see a gradual return of facilities for those who need to keep up to date in heating matters.

The full list of colleges where the courses are held - or have previously been, or are likely to be held has been compiled. Members should advise potential students to approach colleges at an early date to indicate their interest in taking part in a course. The greater the potential student list then the more chance there is of the course being offered. You will probably know that nowadays the absolute minimum to start is 15 Students.

There are also further developments on the correspondence courses. Devised by Ted Stewart of Salford College, the Associate Membership correspondence course starts the next session on 1st of October. It will culminate with an IDHE approved examination, for which there will be more than one centre. Please contact Ted Stewart for further details.

Another development is that of an additional computer course devised by Derek Howe and to be run at Southend College.

The number of places will be limited and early reservation is essential. A coupon will be in the Newsletter to respond to this course which starts in October.

The Papers for this years examinations have recently arrived and show some highly encouraging results. The level is as high as ever and much credit is due to both the students and the tutors who encourage them in their work. As yet the educational awards have not been decided, thus the presentations will take place later in the year, after a detailed look at all the high marked scripts.

NEW COURSES

Being aware of the need to keep abreast of the field and following on discussions with DOE, the Institute are to introduce a special course primarily on insulation. We are fortunate in that member Phil Shannon is undertaking the task of compiling the syllabus and his experience in the teaching field, coupled to practical knowledge will ensure a valuable course.

He has also undertaken the task of updating the course which was run many years ago for those in the merchant sector. You may recall that this was operated at Twickenham by the late and very much missed colleague Leo James.

Further details will be released on progress at an early stage. Meanwhile members views are sought on both topics.

COMPUTER PROGRAMMES

I have just mentioned computer courses. Derek Howe, who spoke at the conference last year, has now written three programmes especially for the Institute and which we are marketing particularly for members and others who need to save time.

The programmes are available for either the BBC-B or the Commodore 8000 computer and can be supplied on tape, disc or as program listings. They come complete with full instructions and those who have already purchased them tell me they are invaluable.

The programmes are; No. 1 Heat Loss Calculations, No. 2 Two Pipe Heating System Sizing and No. 3 Gravity Primary Sizing. Program No. 2 also has the option of costings as an adjunct from the information entered on the sizing.

Cost of the programmes are respectively £25.00, £35.00 and £20.00 and they represent excellent value, especially compared to commercial programmes in other fields.

BRANCH ACTIVITIES

First news is that we should in the coming months see the inauguration of both a Scottish Branch, based in Glasgow and also a South West Branch. Final details have to be worked out, but in Glasgow member J.A. (Iain) Simpson of Scottish Gas is involved as also is Bill Fleming. Members could usefully establish contact to indicate interest prior to notification of the first event.

In the South West, member Brian Wren should be contacted as he has indicated that he will undertake the liaison of Secretary.

Our President Norman Bailey has had the pleasure of attending a number of branch functions this year. The most recent being the visit of the Northern Ireland members to Stranraer for the annual Golf and Curling match.

The Northern Ireland branch also held their very successful Annual Dinner and have a full programme for the year ahead. Congratulations to their Chairman Brian Page and all the members on their achievements.

Norman and his wife Audrey also had the pleasure of attending the Yorkshire branch Dinner Dance, which he reported as being highly enjoyable. Thanks are due to Eric Morris and all the members who made this such a successful evening.

The branch has re-elected Eric for a further period as Branch Chairman and our congratulations to him for the honour and to the members for their wisdom in so doing. I have no doubt that they will continue to flourish and understand that they already have a programme of events for the next year underway. Plus the promise of support from a number of local merchants and manufacturers for these functions.

The Irish branch are continuing with their progress and I anticipate that they will now be in the middle of arranging details of the 1985 convention. Their new Chairman, Gerry Griffin sent me some information recently concerning publicity which they had received through involvement with the Irish Institute for Research and Standards and they are becoming ever more involved in the decisions at high level on the energy scene. Harry Paterson their hard working and enthusiastic Hon. Secretary has been a great influence in their development especially with his own contact with the IIRS.

I am looking forward to discussing matters with him soon and will keep members advised of the 1985 arrangements.

DINNER DANCE

You will have seen the report of the 1983 event in the Newsletter. It was a first rate evening and much of the thanks are due to the organising genius of President Elect Bill Keegan who, this year will be able to relax at the top table, with his wife Margaret and enjoy the evening without working.

The date for this year is Friday the 26th of October, the venue is the same as last year, Bucklersbury House, Cannon Street, London EC4. The same excellent band has been booked, the food, service and company promise to be just as excellent and, all in all, a highly delightful evening may be confidently anticipated.

DO BOOK EARLY. Last year was a sell out. This year the tickets are only slightly increased in cost and at £17.50 per head represent very good value. Group bookings of up to ten per table can be taken and if you reserve early, then you will have first choice. Send to the Institute as I have promised our President that he can relax from the outset. I would solicit your applications by the 20th of September.

PUBLICATIONS AND PUBLICITY

The two items of Publications and Publicity are closely allied in that each requires a considerable amount of writing to generate response.

In the past year many hours have been spent in reply to requests for information, for articles and for comment on particular aspects of the industry. Similarly in preparation of material for the Press about Institute activities or views.

Another part of publicity - an important part I believe - is the updating and presentation of technical data. To this end the Tables of U Values have again been reprinted and the pads of Heat Loss Calculation sheets have also been reprinted.

The Standard Specification, which should be used by every member, but most especially those in contracting and consultancy, has also had another reprint. I am pleased to say that more members in contracting are making it their practice to provide a copy to their client's with a quotation. It is almost unarguably the best and most economical way of making a first class presentation. Furthermore one which will impress the client by virtue of presentation. At the ridiculously low cost of from 80 pence per copy, overprinted with members business name and address I am surprised that anyone can afford not to use them - and the associated Standard Quotation forms/Schedule of Material forms.

LIASON SERVICES

Each year I include the heading of liason services. The list of organisations with whom we liase and to whom we provide services and information grows longer each year. It is impossible to mention them all, but one of the most important must be mentioned. The British Standards Institution.

The BSI is sometimes thought of as a remote government body. That could not be further from the truth. The BSI draws information from members of bodies such as ourselves. The involvement of IDHE members on BSI Committees is considerable. They represent the collective views of the Institute on a variety of subjects. In essence that means that they represent YOUR views, through their appointment by the IDHE onto those BSI Panels.

You may wish to represent a particular view on the BSI. Through the Institute this can usually be arranged - always provided that we do not already have too many representatives on the same Committee.

Corporate Members too can put forward the names of suitable qualified persons who we can sponsor for BSI work. This is a valuable privilege of your IDHE membership and every member is entitled to play a part in our BSI work. If you have expert knowledge in a special field then let that be used for the good of all. It is a rewarding experience to know when the BSI Standard is published that your Institute's name is recorded as 'Represented on the Committee'.

My thanks then to all those who have given of their time to be on the BSI in this past year for the Institute. Gentlemen, more power to your collective elbows.

I mentioned earlier the many calls on our time for articles etc. Many of these are from Journalists preparing special features and quite often are extremely time consuming. The reward is in seeing an acknowledgement or favourable mention of members services. Unfortunately such courtesy is lacking from some quarters and it is all too common to spend good time answering queries and not receive any mention whatsoever. Thats life I guess !

DIRECT DEBIT SCHEME

Thanks to all those members who have responded to the invitation to change to the direct debit method for

subscription collection, we now have the scheme fully operational and, almost trouble free. If those members who are not yet taking advantage of this method would do so before their next subscription renewal date it will even further enhance the advantages.

From the Institute's view the scheme has been costly to set up, the long term advantages considerable. Primarily it is impossible, once the entry is correctly processed to have the case of duplicated subscription payments. The bank will only pay the amount of the subscription as requested and authorised. This saves the lengthy amount of correspondence necessary with a members' bank if they make the wrong payment.

The major advantage to members is that, should their bank ever pay a wrong amount or an amount in error, under the terms of the scheme the banks guarantee to repay that amount without question. We in turn indemnify the bank for that amount.

So the D/D method has everything in its favour. If you have not yet completed a form to change over then the form enclosed in the Newsletter could be completed and returned to the Institute. Even if your subscription is not due for some while. It will be entered for the correct date. If you're not certain if you have already completed a form then no need to worry - the computer rejects duplicate entries with the message 'Entry already exists'. Amazing these new fangled goodies aren't they!

EXECUTIVE COUNCIL

My traditional thanks to the Executive Council is meant as warmly as ever this year. Each member has advanced your interests by their assistance and co-operation, both at our own functions and those attended on the Institute's behalf.

A special tribute to our outgoing President, Norman Bailey. He has been tireless in his pursuance of the aims which he set at his inauguration. However his great efforts on behalf of the Institute have earned him the respect and admiration of all those he has met during his Presidential term. To Norman then our gratitude for those efforts which will long remain in our memories. I am sure that he too will savour the pleasure of these past two years for a very long while.

Norman will shortly be investing our new President, Bill Keegan with his Collar of Office. His enthusiasm is equally boundless and I am sure we shall enjoy his period of presidency.

I am sad to say that one of our original Executive Council Members, Harry Randall, has decided that due to his no longer being involved with the teaching side of heating he should step down from the Executive Council. I cannot let this occasion pass without recording our grateful thanks to Harry for all his past services to the Institute, which have been of such tremendous help in establishing the standards as they exist today.

To fill the situation of educational advisor on the Executive the Institute has been fortunate enough to coopt Phil Shannon. Phil's enthusiasm is well known to members and he has already commenced the task with alacrity. I know that he will be a tremendous asset in keeping abreast of the current changes in the educational scene.

I will leave further comments on the Executive Council to our new President and conclude by saying that each member looks forward to meeting you whenever possible in this coming year and to advancing the Institute's influence to the benefit of all members.

CHANGE OF OFFICE

I expect that you will by now be aware of the Institute's new address, but felt it advisable to print it in this report so that it would not be overlooked. The old premises never were very convenient, nor particularly salubrious. The Landlords decision to first, more than double the rental and then terminate the lease at short notice caused many problems.

We finally moved one month before the Conference. You may imagine that it could have been at a better time, but all went well. Not too much has been misplaced but a good deal of ancient paperwork has been discarded.

Now we are fully operational at 37a High Road, Benfleet. The telephone number remains the same.

FINANCE

Due in considerable measure to the recent move of office, even as I write this report I am not certain if the accounts will be available in time for presentation at the same time.

Nonetheless one thing is apparent. That the vastly increased expenditure, particularly on printing and publicity, will necessitate a modest increase in subscriptions.

Subscriptions have remained constant since 1980 - and in these days of inflation that is somewhat of a miracle. However the time has come when it cannot be staved off any longer, indeed to do so would be foolish and not be welcomed in the long run.

Accordingly the Executive Council have approved that, with effect from the 1st of January 1985 subscriptions should be :-

Fellows	£30.00
Members	£24.00
Technical Sales Members	£24.00
Associate Members	£20.00
Affiliate Members	£20.00
Technician Member	£20.00
Graduates 23 and over	£20.00
Graduates up to 23	£15.00
Students	£10.00

SUMMARY

In my summary I endeavour to take a point which has been raised by a member and bring it to the attention of the meeting in the hope that by so airing it there may be some useful outcome.

In the past week a point has arisen which must be of great concern to several members. I refer to the statement by MARC members concerning their limitation of liability claims for faults in radiators. Pinholing of radiators is not a new phenomenon. It does occur far more frequently nowadays. Looking back a few years it was rare. So rare that I recall one job where the system had been connected in error to the highly corrosive well water supply and it still took seven years for the radiators to leak. Stelrad insisted on supplying free of charge replacement radiators for the whole of the site - and that was no small job. You may guess that they have gained much from that unprecedented action since those days - I may well be their best salesman since then.

So is it that the quality of steel used now is inferior? Is it that the system design entrains air? Is it, as I noted, more correctly attributable to the wrong flux? Or is it shoddy craftsmanship?

Well in the case of system design, I know of four or five occurrences in systems that have been designed by a member who has not only qualified by examination to full Member, but additionally has practical experience on site. He thus appreciates the problem. In three of those cases the same make of radiator was at fault and a different fitter was on each job. I have not yet asked if he always specifies the same flux

every time. The answer may be interesting and I feel that if MARC know which fluxes should be avoided then it would be helpful if they specified which to use - by name for preference.

I cannot conclude without recording grateful thanks to our friends of the trade press for their coverage of Institute activities and functions. Gentlemen - keep up the good work.

Finally in conclusion, congratulations on behalf of all members to our new President and Vice President. May you both thoroughly enjoy your terms of office.

Thank you.

ORDER FORM FOR PUBLICATIONS

To: I.D.H.E., 37a HIGH ROAD, BENFLEET, ESSEX.

Standard Specification for Heating Installations

Please send mecopies of PART 1 — PIPED HEATING SYSTEM. I enclose remittance of £
STANDARD SPECIFICATION PART 1

1 pad for £3.00 (2.00 to members) plus 50p p. and p.
5 pads for £13.50 (9.00 to members) plus £1.50 p. and p.
10 pads for £24.00 (£16.00 to members) plus £2.50 p. and p.

Heat Loss Calculation Pads

Please send mepads of the Institute's heat loss calculation sheets. I enclose remittance of £

1 pad for £2.30 (1.40 to members) plus 50p p. and p.
5 pads for £10 (6.25 to members) plus £1.50 p. and p.
10 pads for £18 (11.50 to members) plus £2.50 p. and p.

Tables of U Values and Infiltration Factors

Please send me copy/copies of the Institute's tables of U values and infiltration factors, for which I enclose remittance of £

1 table for £2 (1.25 to members) plus 30p p. and p.
5 to 9 copies less 10% plus 70p p. and p. to 6
10 or more copies less 15% plus £1.50 p. and p. to 10

PRINTING BLOCKS £3

VEHICLE LOGO STICKERS £2.50 per set of

CAR BADGES three inc p & p

£5 inc p & p

NAME

ADDRESS

ORDERS WITH
REMITTANCE SHOULD BE SENT TO
THE INSTITUTE AT
37a HIGH ROAD, BENFLEET, ESSEX.

PRESIDENTIAL ADDRESS

To The Annual General Meeting

by: William C. Keegan TECH(CEI)FIDHE,MIP,MIEC

It is both a great honour and privilege to be elected your President and I will endeavour to maintain the very high standard set by my predecessors.

I would particularly like to thank Norman Bailey for the sterling work he has put in over the last two years. He has ably represented our interests throughout the country for which we are all most grateful.

It has usually been the custom for each President to set himself an aim within the Institute that he would like to achieve during his term of office.

Our past President appealed that every member try and nominate a friend or colleague within the industry for membership, so that we could quickly and effectively double our membership.

We have not yet reached this target so I ask you to redouble your efforts to help fulfil Norman's ambition and I intend to carry this theme forward as part of my aims for the Institute during 1985 and 1986.

I do not however believe that this is enough. In these times when the CEI, the Government and EEC are looking to quantify both the ability and status of engineers in general, the greater number of qualified people we represent the more the various factions will be likely to listen to us.

Already through the efforts of our Founder Chairman Eric Farrow and your officers on the Executive Council we are highly regarded as a technical Institution - with concern for the protection of our industry and the general public from the unscrupulous, untrained, mis-informed and just plain dishonest that prey on the unfortunate, - because this country of ours has no regulations or registration that says you must be proficient in your craft before you sell that service to others.

The present Government is opposed to doing anything about this, so we the membership must be ever striving to raise the standards and let people know we are concerned for their welfare and that they in turn should protect themselves by making use of the services of our members and like minded professionals. So where do we go from here, what can you do to help in the next two years? Put aside your apathy join in become a part of the Institute not just a member.

Did you study and qualify for membership just to sit back and pay your annual subscription to put a few letters behind your name? If that's the case then SO BE IT!! Keep sending the money because you're only entitled to use them as long as you're fully paid up.

I do not however believe this is the object of the majority. We must do our utmost to retain any member whose interest may be waning and encourage those who have lapsed to rejoin or bring their subscriptions up to date.

How to go about this? You should not expect the Executive Council or Central Secretariat to continually wet nurse you. Already much of our time is taken up in the day to day organising, the Annual Conference and AGM. Were you at either. Will you be at the annual Dinner Dance in October?

Yorkshire has run its own branch for many years, has its own Conference, Dinner Dance and Trade events. Why can't other areas find enough members to band together and do likewise? It only needs a couple of enthusiastic people to motivate the rest.

Those of you have taken courses at technical colleges for associate or full membership already have a nucleus in your area ripe for development. So step forward, help me with my aim of a more involved membership and more branches or groups throughout the country.

Scotland and the South West are getting underway and when set up and running I will be delighted if invited to attend the official inaugural meeting.

Finally I now have the pleasant task of investing our new Vice President and here we are breaking new ground as I am pleased to announce that Executive Council have elected what as far as I am aware the first lady Vice President of a Technical Institute - Miss Marion Molden TEng(CEI), MCIBS, MIDHE. A lady Vice President precludes me from mentioning the number of years I have known her - sufficient to say that we have been friends for a long time and I consider it a great privilege to have her as my deputy and hope she will enjoy her term of office.

Thank you for attending this AGM please remember our Dinner Dance on the 26th October where I look forward to seeing you all again.

