January 31, 1986

To: Chairs and Treasurers of Divisions and Groups

The financial statement for your division or group for the period January 1, 1985 to December 31, 1985 is enclosed.

Only the charges affecting your division allocation are shown.

If you have any questions please don't hesitate to call me.

Sincerely,

Stacy Oldfield

Xcopy: George Coulbourn
Sharon Kerrick
Rod Clemmons
DIVISION: Thermal Hydraulics

<table>
<thead>
<tr>
<th>Budget Funds:</th>
<th>Total allocated to Budget Funds</th>
<th>Reference (see page 2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1985</td>
<td>$1,004</td>
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<tr>
<td>Carry forward from 1984</td>
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<tr>
<td>Other Budget Funds</td>
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<td>$3,012</td>
</tr>
<tr>
<td>TOTAL BUDGET FUNDS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Expenses:                                         |                                 |                       |
| Society Services                                  |                                 |                       |
| Staff Labor & Overhead                           |                                 |                       |
| Mailings, Letterhead                             |                                 |                       |
| Annual Division Ballot Expenses                  |                                 |                       |
| Printing                                         | 100                             | (1)                   |
| Distribution                                    | 151                             | (2)                   |
| Division Newsletters                             |                                 |                       |
| Printing                                         |                                 |                       |
| Distribution                                    |                                 |                       |
| Awards                                           |                                 |                       |
| Plaques & Certificates                           |                                 |                       |
| National Meeting Expenses                        |                                 |                       |
| Meeting Luncheons                                |                                 |                       |
| Invited Speakers                                |                                 |                       |
| Division Officers Expenses                       | 33                              | (3)                   |
| Other Expenses                                   |                                 |                       |
| TOTAL EXPENSES                                   | 284                             |                       |
| EXCESS (OR DEFICIENCY) OF BUDGET FUNDS OVER EXPENSES | 2,728                           |                       |
**DIVISION:** Thermal Hydraulics

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</table>
October 9, 1985

TO: Executive Committee Members of Thermal Hydraulics Division

The Executive Committee will meet on Sunday, November 10, 1985, from 5:00 p.m. to 7:00 p.m. at the Terrace Room of the San Francisco Hilton Hotel. The preliminary agenda for the meeting will be as follows:

✓ Secretary's Report and Approval of Minutes
✓ Treasurer's Report
✓ Program Committee Report
✓ Membership
✓ Honors and Awards
✓ Newsletter
✓ Nominating Committee
National and International Heat Conferences Liaison
✓ Long Range Planning
Other Topics

M. L. Corradini
W. L. Kirchner
T. Theofanos
R. Stover
V. Schrock
J. Chao
Y. Y. Hsu
S. Levy
G. Dix

S. Levy
**THERMAL HYDRAULICS DIVISION**
**TREASURER'S REPORT**
**November 10, 1985**

**ACTUAL**

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<thead>
<tr>
<th>Item</th>
<th>Item</th>
<th>Bal.</th>
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<tbody>
<tr>
<td>Funds (9/30/85)</td>
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<tr>
<td>1985 Membership Allocation</td>
<td>$1004</td>
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<tr>
<td>1984 Carry Forward</td>
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<td>Expenses (9/30/85)</td>
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<tr>
<td>Meeting - Boston</td>
<td>$ 14</td>
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<tr>
<td>Best Paper Award - Newport</td>
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<tr>
<td>Technical Achievement Award/Brochures - Newport</td>
<td>350</td>
<td>$ 464</td>
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<td>$2548</td>
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**ESTIMATED 1985/1986**

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<tr>
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<td>$1900</td>
<td>$4448</td>
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<tr>
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<tr>
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<td>$1800</td>
<td>$2648</td>
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</table>

*Estimated 20% of $5000 profit.*
September 30, 1985

Dr. Don Rowe
Suite 208
14400 Bellevue-Redmond Road
Bellevue, WA 98007

Dear Dr. Rowe:

Pursuant to Dr. Walter L. Kirchner’s request, enclosed are two checks, each in the amount of $50.00, payable to Dr. Christopher N. Amos and Professor Virgil E. Schrock, for their Best Paper Awards to be presented at the Thermal-Hydraulics Topical Meeting in Newport, Rhode Island, on October 15, 1985.

The certificates for the Best Paper Awards, the plaque, and the program will be sent to you at the above address under separate cover. Those items will be sent by Federal Express to ensure their delivery prior to your departure for the meeting. Shipment will be accomplished by the end of this week.

If you should need anything further, please call again.

Sincerely,

Elaine Zeman
Administrative Assistant
Honors & Awards

ez
encls. - 2 checks
xc: W. L. Kirchner
October 24, 1985

To: Chairs and Treasurers of Divisions and Groups

Enclosed is the financial statement for your division or group for the period of January 1, 1985, through September 30, 1985.

Please review the information. Call me if you have any questions.

Sincerely

[Signature]

Stacy Oldfield
DIVISIONAL STATEMENT OF BUDGET FUNDS & EXPENSES
January 1, 1985 - September 30, 1985

DIVISION: Thermal Hydraulics

<table>
<thead>
<tr>
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<td>$1,004</td>
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<tr>
<td>Other Budget Funds</td>
<td>2,008</td>
</tr>
<tr>
<td><strong>TOTAL BUDGET FUNDS</strong></td>
<td><strong>$3,012</strong></td>
</tr>
</tbody>
</table>

**Expenses:**
- Society Services
  - Staff Labor & Overhead
  - Mailings, Letterhead
- Annual Division Ballot Expenses
  - Printing
  - Distribution
- Division Newsletters
  - Printing
  - Distribution
- Awards
- Plaques & Certificates
- National Meeting Expenses
  - Meeting Luncheons
  - Invited Speakers
  - Division Officers Expenses
  - 14

**Other Expenses**

**TOTAL EXPENSES**

**EXCESS (OR DEFICIENCY) OF BUDGET FUNDS OVER EXPENSES**

$2,998
**AMERICAN NUCLEAR SOCIETY**

**DIVISIONAL STATEMENT OF BUDGET FUNDS & EXPENSES**

January 1, 1985 - September 30, 1985

**DIVISION:** Thermal Hydraulics

<table>
<thead>
<tr>
<th>Reference</th>
<th>Amount</th>
<th>Comments</th>
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</thead>
<tbody>
<tr>
<td>(1)</td>
<td>14</td>
<td>Refreshments - Boston Mtg</td>
</tr>
</tbody>
</table>

**PAGE 2 of 2**
Ms. Elaine Zeeman
American Nuclear Society
555 North Kensington Avenue
La Grange Park, IL 60525

Dear Ms. Zeeman:

This letter is to authorize drawing two $50 checks against the Thermal-Hydraulics Division account for best paper awards to be presented at the Thermal-Hydraulic Topical Meeting, Newport, Rhode Island, on October 15, 1985. The checks should be made out to Christopher Amos and Virgil Schrock. Please forward checks, plaques, certificates, and brochures, as soon as possible before the meeting to:

Don Rowe
Suite 208
14400 Bellevue-Redmond Road
Bellevue, WA 98007.

Regards,

Walter L. Kirchner
Treasurer
ANS Thermal-Hydraulics Div.

WLK:rhm

Enc. a/s
Cy: CRM-4 (2), MS A150, w/o enc.
    D. Rowe, Rowe Associates, w/o enc.
    N. Todreas, MIT, w/o enc.
    S. Levy, S. Levy Inc., w/o enc.
    File, w/enc.
AMERICAN NUCLEAR SOCIETY
REQUEST FOR DISBURSEMENT OF DIVISION FUNDS

INSTRUCTIONS:
1. Complete a separate form for each disbursement
2. Send forms to headquarters, Information & Liaison Services
   Department
3. State any special mailing instructions
4. Attach receipts or other documentation

REQUEST DATE: 9/26/85

PAY TO: Christopher Amos

SEND TO: Don Rove

ADDRESS
Suite 208, 14400 Bellevue-Redmond Road
CITY
Bellevue, WA 98007
STATE ZIP CODE

AMOUNT: $50.00

REASON FOR DISBURSEMENT: TH Division Best Paper Award
To be presented at Newport Topical Meeting
October 15, 1985

APPROVED BY: Walter Kircher / THD Treasurer

DIVISION NAME / DIVISION POSITION

NAME / DIVISION POSITION

FOR ACCOUNTING DEPARTMENT VERIFICATION:

_____ BUDGET    _____ NON-BUDGET

DATE FUNDS PAID Check Number
AMERICAN NUCLEAR SOCIETY
REQUEST FOR DISBURSEMENT OF DIVISION FUNDS

INSTRUCTIONS:
1. Complete a separate form for each disbursement
2. Send forms to headquarters, Information & Liaison Services
   Department
3. State any special mailing instructions
4. Attach receipts or other documentation

REQUEST DATE: 9/26/85
PAY TO: Virgil Schrock
NAME: Don Rowe
SEND TO: 
ADDRESS: Suite 208, 14400 Bellevue-Redmond Road
CITY: Bellevue, WA 98007
STATE: 
ZIP CODE:  
TELEPHONE: 

AMOUNT: $50.00

REASON FOR DISBURSEMENT: TH Division Best Paper Award
   To be presented at Newport Topical Meeting
   October 15, 1985

APPROVED BY: [Signature] TH Treasurer
August 21, 1985

Dr. Walter L. Kirchner
Los Alamos National Lab
PO Box 1663, MS-K551
Los Alamos, NM 87545

Dear Dr. Kirchner:

Dr. Salomon Levy, Chair of the Thermal Hydraulics Division, has informed me the division will be presenting some monetary awards. When you have determined the recipient and amount of the awards, please prepare a request for disbursement of funds and send it to my attention. A copy is attached.

For your information it takes about three weeks for a check request to be received, a check to be prepared and mailed to the recipient.

Sincerely,

Sharon Kerrick

Enclosure
August 14, 1985

Dr. Walter L. Kirchner
Los Alamos National Laboratory
Q-12, MS K551
Los Alamos, NM 87545

Dear Dr. Kirchner:

This is to confirm that we have received the Thermal-Hydraulics Division's proposed 1986 budget. The information has been forwarded to Rod Clemmons, Business Manager, who will present it to the Finance Committee. Comments about the budget will be made directly to you.

The Society's 1986 budget will be presented to the Board of Directors in November for its approval. You'll be notified of their decision.

Sincerely,

Sharon Kerrick

SK:com

cc: Rod Clemmons
W. L. Kirchner  
Q-12, MS K551  
Los Alamos National Laboratory  
Los Alamos, NM  87545

July 26, 1985

Finance Committee  
American Nuclear Society  
555 North Kensington Avenue  
La Grange Park, IL  60525

REGARDING PROPOSED 1986 BUDGET

This is to submit the proposed budget for the Thermal-Hydraulic Division for 1986 as required by Executive Committee action during their meeting on November 18, 1970.

Attached are copies of the worksheet detailing anticipated income and expenses for CY 1986 and an estimated budget for the remainder of CY 1985. Persons authorized to approve the disbursements of funds for the period June 1985 to June 1986 are identified.

Regards,

Walter L. Kirchner  
Treasurer  
Thermal-Hydraulics Division

WLK/11h  
Att. Worksheet  
1985 estimated budget

Cy: S. Levy, THD-Chairman  
G. Dix, THD-Chairman-Elect  
M. Corradini, THD-Secretary  
File
ANS THERMAL-HYDRAULIC DIVISION

Estimated Budget CY 1985

Funds (as of 4/85): $3012

Anticipated Income:

    Newport Topical Meeting (est.)* 2500

TOTAL FUNDS $5512

Expenses:

    Thermal Hydraulics Division Survey (est.) $1200
    Newport Topical Meeting Awards (est.) 700
    National Meeting Expenses (est.) 50
    Student Support – Scholarships (est.)** 500

$2450

Carry forward to CY 1986 (est.): $3062

*Based on $5,000 profit (from N. Todreas, 7/18), 50-50 split with ANS Headquarters
**Based on past averaged expenditure
**Division/Group:** Thermal-Hydraulics

**BUDGET FUNDS:**

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1986 Membership Allocation (est.)</td>
<td>$900</td>
</tr>
<tr>
<td>Carry forward from 1985 (est.)</td>
<td>$3062</td>
</tr>
</tbody>
</table>

**Other Budget Funds:**
- Topical Meeting Income
- Luncheon Income
- Other

**TOTAL BUDGET FUNDS**

$3962

**EXPENSES:**

**Division/Group Newsletters**  
(expenses for printing more than two newsletters or more than 8 pages)

$_______

**Awards/Plaques/Certificates:**

- Best Paper Awards  
  $250

**National meeting expenses:**

- Meeting Functions; i.e. refreshments  
  $50
- Invited Speakers
- Papers
- Other

**Officers and Committee members expenses:**


**Student support:**

- Scholarships  
  $1000

**Other expenses:**


**TOTAL EXPENSES**

$1300
S. Levy
J. Chao, EPRI
H. Fenech - UC, Santa Barbara
A. Levin, COMO, Naperville, IL

Gentlemen:

This note is to inform you that a survey will not be contracted for at the 3rd International Thermal Hydraulics Topical Meeting. The group that would perform the survey is not being hired for other conference services so that they will not be in place to perform the survey as a supplemental effort as originally envisioned. Thanks for volunteering to help define the scope and contents of the proposed survey - your help won't be needed now however.

Sincerely,

Neil E. Todreas
July 5, 1985

Dr. Roger L. Stover
Westinghouse Hanford Company
P.O. Box 170, W/B-18
Richland, WA 99352

Dear Roger:

At the last meeting of the Professional Division Committee, it was agreed that each Division would assign a representative to the Student Member Reception (Mixer) to be held at the ANS National meetings. Each Division is expected also to prepare posters, brochures, and to contribute $30.00. As Chairman of our Membership Committee, you should assume responsibility for implementing this decision. In terms of money contribution, you should contact our new Treasurer, Dr. Walter L. Kirchner of Los Alamos, for funds.

Sincerely yours,

Salomon Levy

cc: W.L. Kirchner

SL/bom
July 3, 1985

Ms. Sharon Kerrick
American Nuclear Society
555 N. Kensington Avenue
La Grange Park, Illinois  60525

Dear Sharon:

At its last Executive meeting, the Thermal Hydraulics Division agreed to confer its Best Paper Award, and its Technical Achievement Award at the Third International Thermal Hydraulics Topical Meeting, Newport, R.I. I am writing you this note to request your release of funds to pay for such awards. Please notify our new Treasurer, W. Kirchner, from the Los Alamos National Laboratory. If you need more specific information, please contact him directly at (505) 667-4097.

Sincerely yours,

Salomon Levy

cc: W. Kirchner  LANL

P.S. W. Kirchner: You may want to call N. Todreas of MIT to find out exact amount needed.

cc: Y.Y. Hsu

SL/bom
May 25, 1985

TO: C. Chiu  
S. Levy  
S. Banerjee  
Y.Y. Hsu  
Program Committee Members  
Executive Committee Members

FROM: Jason Chao

SUBJECT: 1984 Spring Newsletter and Result of a Survey

The Division Newsletter for Spring 1984 was issued in late March. The following articles are included in the Newsletter:

- International Topical Meeting in 1985, by Chong Chiu
- ANS Annual Meeting, New Orleans, June 3-7, 1984, by Jason Chao
- ANS Winter Meeting, Washington, D.C., by Jason Chao
- Publication in Nuclear Science and Engineering, by Sanjoy Banerjee
- Honors and Awards, by Neil Todrea
- Call for Papers (Taiwan International Meeting), by Jason Chao
- Questionnaire, by Alan Levin

The results of the Questionnaire sent with the THD Spring Newsletter are summarized below. This information will be included in the next issue of Division Newsletter.

JC:vcc
Attachment
Questionnaire Results - Thermal Hydraulic Division

I. Total number of responses 40.

II. ANS Meeting

   - 8 Two ANS National Meetings per year
   - 29 One ANS National Meeting per year

III. Survey on the "Full Paper"

Did you attend the 1983 ANS Winter Meeting in San Francisco?

   - 25 Yes
   - 15 No

If so, did you attend any of the sessions sponsored by THD?

   - 23 Yes
   - 4 No

For the first time papers were required for a number of the THD sessions. Do you think that this requirement improved the quality of the oral presentation at these sessions?

   - 18 Yes
   - 9 No

Did you purchase a copy of the Division Proceedings containing the full papers?

   - 19 Yes
   - 14 No

Should the Division, in an effort to improve the quality of presentations, continue to require full papers for some of its sessions at future ANS meetings?

   - 36 Yes
   - 3 No

Should this be done:

   - once yearly (Annual or Winter Meetings?)
   - twice yearly (Annual and Winter Meetings?)

   - 29
   - 5
TO: PROF
FROM: Sharon
SUBJECT: PROPG

It is time to set groups. Because the August 1 is the current office.

Instructions and proposed budgets. The ANS business in September. The divisions and groups 1985. The people extension is neces.

Questions about you to Stacey Oldfield,

Enclosures: Guidelines Workshops Form Le Disburse
cc: Professional Di John Graham David Rossin Octave J. Du Tem Rod Clemmons/Sta

ADDITIONAL EXPENDITURES OVER NORMAL YEARLY EXPENSES for 1985-86

$1000-1500 for survey on THD refs.

$500-700 for awards and plaques on NEWPORT TH INT'L MTG.

Mike Casdin 6/1/85
May 24, 1985

TO: PROFESSIONAL DIVISION AND TECHNICAL GROUP OFFICERS

FROM: Sharon Kerrick

SUBJECT: PROPOSED BUDGET FOR YEAR 1986

It is time to start planning the 1986 budgets for your divisions and groups. Because there are less than 60 days between the June meeting and the August 1 submittal date, I am forwarding the information to you, the current officers. Please advise the new officers of this project.

Instructions and guidelines for preparing the budget are enclosed. The proposed budgets must be received at ANS headquarters by August 1, 1985. The ANS business manager presents the budgets to the Finance Committee in September. The Finance Committee's comments will be sent to the divisions and groups officers before the Society's meeting in November 1985. The people submitting the budgets should contact my office if an extension is necessary (beyond the August 1 date).

Questions about your budgets and other financial matters can be directed to Stacey Oldfield, Accounting Supervisor, or me at 312/352-6611.

Enclosures: Guidelines
Worksheet
Form letter
Disbursement of funds form

cc: Professional Divisions Committee
John Graham
David Rossin
Octave J. Du Temple
Rod Clemmons/Stacey Oldfield
DIVISION: Thermal Hydraulics

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<tr>
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<tr>
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</table>

EXCESS (OR DEFICIENCY) OF BUDGET FUNDS OVER EXPENSES

$3,012
March 11, 1985

Dear Division Member:

The Honors & Awards Committee of the Thermal-Hydraulics Division has established an award for outstanding technical achievement. We would like to make the first award at the Newport Topical meeting. To accomplish this goal we need to have nominations finalized prior to the Annual ANS Meeting in June.

Since you have been an active participant in the affairs of the division, I am personally asking for your help to develop nominations. To assist you I have enclosed the procedures and criteria for the award. I have also enclosed a list of recipients of a similar award made by the Heat Transfer Division of the ASME. We are seeking to have the ANS Thermal-Hydraulics Division Technical Achievement Award be of comparable high caliber.

I will need your nominations by May 24 to be timely for the June meeting. Please feel free to solicit help and ideas from your associates and other division members as several nomination letters are required. I look forward to your help. Please call if you need assistance or if you have questions.

Sincerely,

[Signature]

Dr. Donald S. Rowe
Honors & Awards Committee

Rowe & Associates #208
14400 Bellevue-Redmond Road
Bellevue, WA 98007

(206) 643-1620