DIVISIONAL STATEMENT OF BUDGET FUNDS & EXPENSES

January 1, 1985 - December 31, 1985 84

DIVISION: Thermal Hydraulics

	Total allocated to Budget Funds	Reference (see page 2)
Budget Funds: 1984 Membership Allocation Carry forward from 1983 Other Budget Funds TOTAL BUDGET FUNDS	\$ 921 2,107 \$3,028	
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		
Division Officers Expenses Invited Speakers	25	(1)
Other Expenses	710	(2)
TOTAL EXPENSES	\$ 979	
EXCESS (OR DEFICIENCY) OF BUDGET FUNDS OVER EXPENSES	\$1 4040 \$ 2,050 \$1 5/39/57 NOT CORNER BO	



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DIVISIONAL STATEMENT OF BUDGET FUNDS & EXPENSES

January 1, 1985 - December 31, 1985

DIVISION: Thermal Hydraulics

Reference	Amount		Comments
(1) (2)	244 25	8 17	Charge for twelve pages of news letter Refreshments at National Meetings New Orleans, June Washington DC, Nov
(3)	710	410 200 50 50	Folders, posters, easles, envelopes Student travel assistance University of Florida University of Arizona



555 North Kensington Avenue, LaGrange Park, Illinois 60525 USA Telephone: (312) 352-6611 Telecopier: (312) 352-0499 Telex: 254635

December 20, 1984

SHARON KERRICK Department Manager Information and Liaison Services

> Dr. William G. Vernetson University of Florida Nuclear Eng. Sciences Dept. 202 Nuclear Sciences Center Gainesville, FL 32611

Dear Dr. Vernetson:

The Thermal Hydraulics Division is contributing \$50.00 to your branch for use in the preparation of the Eastern Student Conference to be held April 4-7, 1985 at your University. A check will be prepared and mailed to you within two weeks.

Please advise Mr. Michael Corradini, Treasurer of the Thermal Hydraulics Division when you have received the check.

Best Wishes for the Holidays!

Sincerely,

Sharon Kerrick

SK/hau

cc: Michael L. Corradini Associate Professor University of Wisconsin Nuclear Engineering Dept. 153 Eng. Research Bldg. 1500 Johnson Drive Madison, WI 53706



555 North Kensington Avenue, LaGrange Park, Illinois 60525 USA Telephone: (312) 352-6611 • Telecopier: (312) 352-0499 • Telex: 254635

December 20, 1984

SHARON KERRICK
Department Manager
Information and Liaison Services

Dr. Morton E. Wacks University of Arizona Nuclear Engineering Dept. Tucson, AZ 85721

Dear Dr. Wacks:

The Thermal Hydraulics Division is contributing \$50.00 to your branch for use in the preparation of the Western Student Conference to be held April 12-14, 1985 at your University. A check will be prepared and mailed to you within two weeks.

Please advise Mr. Michael Corradini, Treasurer of the Thermal Hydraulics Division when you have received the check.

Best Wishes for the Holidays!

Sincerely,

SK/hau

cc: Michael L. Corradini
Associate Professor
University of Wisconsin
Nuclear Engineering Dept.
153 Eng. Research Bldg.
1500 Johnson Drive
Madison, WI 53706



UNIVERSITY OF WISCONSIN

Nuclear Engineering Department

.o3 Engineering Research Building 1500 Johnson Drive Madison, WI 53706 Phone 263-1646 Area Code (608)

December 14, 1984

Ms. Sharon Kerrick American Nuclear Society 555 N. Kensington Avenue LaGrange Park, IL 60525

Dear Sharon:

As Treasurer of the ANS Thermal Hydraulic Division I would like to authorize the expenditure of \$200 for assisting in student travel funds for the Winter Annual Meeting in Washington, DC, and for \$50 for each Student Branch at the University of Arizona and Central Florida for use in their regional student conferences. These expenditures were approved by the Executive Committee of the TH Division at the Washington meeting.

Thank you.

M.L. Corradini Associate Professor

MLC:rb



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SHARON KERRICK
Department Manager
Information and Liaison Services

December 7, 1984

TO: Division and Group Treasurers

SUBJECT: DISBURSEMENT OF DIVISION/GROUP FUNDS 1984

This is to remind you that disbursements you wish made from 1984 budget funds must be requested no later than December 18, 1984. This will allow the accounting department enough time to prepare and mail the checks in the 1984 fiscal year (a calendar year—January through December).

This is simply a procedural matter to help our accounting staff close their books in a timely fashion. For details regarding carryover of your budget funds please refer to the attachment, item 2 b. Carry formers

MINUTES OF THE 92nd MEETING OF THE BOARD OF DIRECTORS

AMERICAN NUCLEAR SOCIETY

NOVEMBER 14, 1984

WASHINGTON, D.C.

Minutes of the THERMAL HYDRAULICS DIVISION - Executive Committee Meeting November 11, 1984

Members present: Y. Y. Hsu (University of Maryland), S. Levy (S. Levy, Inc.), N. Weber (S&L), M. L. Corradini (University of Wisconsin), T. G. Theofanous (Purdue University), L. Hochreiter (Westinghouse), M. D. Carelli (W-AESD), S. Banerjee (UCSB).

Others present: J. Chao (EPRI), P. Barley (EPRI). C. Juniter (USARC)

5. Membership: Roger Stoner gave a report on the progress of the membership drive. The goal is to go over 1000 members. He handed out packages to people for display and distribution at local section meetings.

The Executive Committee noted to send copies of the Proceedings to five schools as an enticement for students to join the Division upon graduation.

- 6. <u>Honors and Awards</u>: The committee is made up of the chairs for the past four years. It met in June. a) The committee proposed that a Technical Achievement Award be given annually. The Executive Committee approved the proposal. b) Nominations for Fellow are in progress. c) Names are currently in review for the Best Paper of the Year award.
- 7. Newsletter: J. Chao presented his report.
- 8. <u>Nominating Committee</u>: S. Banerjee gave the report for the committee. The new slate of candidates for officers and Executive Committee were presented: They are:

S. Levy - Chairman

G. Dix - Vice Chairman/Chairman Elect

M. Corradini - Secretary
W. Kirchner - Treasurer

S. Bankoff - Executive Committee

M. Bonaca - Executive Committee

W. Beckner - Executive Committee

M. Ishii - Executive Committee

The Executive Committee approved the slate.

9. <u>Board Liaison</u>: Y. Y. Hsu reported on the activities of the Board of Directors. The Executive Committee of the Society turned down the recommendation of the Professional Divisions Committee to hold one technical meeting a year. As a result, several Divisions have said they will participate in only one national meeting a year. The Board of Directors convened a new committee to determine why the Divisions feel they must take this action.

The Division nominated three people for service on national committees. They are:

- R. T. Lahey for ANS Treasurer
- V. Schrock for Board of Directors
- S. Banerjee for Publications Committee

10. New Business: a) The Division has decided to support student travel to the national meetings. This will be coordinated with the student coordinator for the national meetings. M. Corradini will make contact with the coordinator and make a decision regarding our support.

b) P. Bailly made a presentation on the program to Assure Adequacy of Thermal Hydraulic Codes and their bench marking. The Executive Committee voted continued support of this effort. The effort is being carried out in conjunction with the M&C and NRS Divisions. c) Y. Y. Hsu informed the committee that the NRC is having a problem with funding for a modular test facility. The current facilities will be phased out by 1987. The Executive Committee voted to send a letter to W. J. Dircks from the Division supporting the concept of thermal hydraulics research. Y. Y. Hsu and L. Hochreiter will draft the letter.

The meeting was adjourned.

Respectfully submitted

Norman Weber, Secretary



555 North Kensington Avenue, LaGrange Park, Illinois 60525 USA
Telephone (312) 352-6611
Telex 254635

STACY OLDFIELD Financial Analyst

October 29, 1984

To: Chairs and Treasurers of Divisions and Groups

Enclosed is the financial statement for your division or group for the period of January 1, 1984, through September 30, 1984.

Please review the information. Call me if you have anything to discuss regarding the statement.

Sincerely,

STACY OLDFJELD

cc: William R. Corcoran Octave DuTemple Sharon Kerrick

DIVISIONAL STATEMENT OF BUDGET FUNDS & EXPENSES

January 1, 1984 - September 30, 1984

Division:	Total Allocated	
Thermal Hydraulics	To DivisionBudget Funds	Reference <u>(see page</u> 2)
Budget Funds:		, , , , , , , , , , , , , , , , , , ,
1984 Membership Allocation Carry forward from 1983 Other Budget Funds	\$ 921.00 2,107.00	
TOTAL BUDGET FUNDS	\$ 3,028.00	
Expenses:		
Society Services - Staff Labor & Overhead Allocation of EDP Department		
Annual Division Ballot Expenses - Printing Distribution		
Division Newsletters - Printing Distribution		
Awards -		
Plaques & Certificates -		
National Meeting Expenses - Meeting Functions (Luncheons, etc) Division Officer expenses Invited Speakers	8.00	(1)
Other Expenses -		
TOTAL EXPENSES	\$ 8.00	
EXCESS (OR DEFICIENCY) OF BUDGET FUNDS OVER EXPENSES:	\$3020.00 - 410.42	
	\$2609.58 a	sof

page 2 of 2

DIVISIONAL STATEMENT OF BUDGET FUNDS & EXPENSES

January 1, 1984 - September 30, 1984

DIVISION: Thermal Hydraulics

Reference	Amount:	Comments:
(1)	\$8.00	Refreshments at New Orleans Meeting, June 1984.



Meverden Press, Inc.

The Tri-Cities' Quality Printers



TELEPHONE (509) 586-9125

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20 East Kennewick Avenue P. O. Box 6188 KENNEWICK, WASHINGTON 99336

American Nuclear Society % Dave Rector

TIH Division Membership Subcommittee

YOUR PURCHASE ORDER NO.

INVOICE NO. 2394

DATE		AMOUNT
Sept 12,1984	3000 folders 50 posters 50 Easles 50 10 x 13 envelopes Sub tax Total due PRINTERS AND LITHOGRAPHERS	\$267.50 92.50 12.50 10.00 \$382.50 27.92 \$410.42



555 North Kensington Avenue, LaGrange Park, Illinois 60525 USA
Telephone: (312) 352-6611

Telephone: (312) 352-6611

AMERICAN NUCLEAR SOCIETY BUDGET WORKSHEET FOR YEAR 1985

J9184

2400.00*

REVISED Division/Group Thermal-Hydraulics 8/9/84 BUDGET FUNDS: AMOUNT 1985 Membership Allocation \$ 1000 Carry forward from 1984 3000 Other Budget Funds: Topical Meeting ANYONE Revenue 0* Luncheon Income / Ō Other $\overline{0}$ TOTAL BUDGET FUNDS \$.4000.00* EXPENSES: Division/Group Newsletters (expenses for printing more than two newsletters or more than 8 pages) 350 Awards/Plaques/Certificates: Honors/Awards Comm. 450 National meeting expenses: Meeting Functions; i.e. refreshments 150 Invited Speakers Honorariums 600 Papers Other Officers and Committee members expenses: 150 Student support: 200 Other expenses: 500 Membership Promotion TOTAL EXPENSES

Dr. Yih Yun Hsu, Chair, THD

Ms. Stacy Oldfield, Accounting Supervisor, ANS

^{*}Adjusted as discussed with Dr. Michael Corradini by telephone on 8/9/84.



UNIVERSITY OF WISCONSIN

Nuclear Engineering Department

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AMERICAN NUCLEAR SOCIETY BUDGET WORKSHEET FOR YEAR 1985

Division/Group Thermal-Hydraulics	
BUDGET FUNDS:	AMOUNT
1985 Membership Allocation Carry forward from 1984 Other Budget Funds: Topical Meeting XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	\$ 1000 3000 2000 (not to be determined until 1986 0
TOTAL BUDGET FUNDS	\$ 6000.00
EXPENSES:	·
Division/Group Newsletters (expenses for printing more than two newsletters or more than 8 pages)	
	\$ 350
Awards/Plaques/Certificates: Honors/Awards Comm.	450
National meeting expenses: Meeting Functions; i.e. refreshments Invited Speakers Honorariums Papers Other	150 600
Officers and Committee members expenses:	150
Student support:	200
Other expenses:	500
TOTAL EXPENSES	3000 00



UNIVERSITY OF WISCONSIN

Nuclear Engineering Department

153 Engineering Research Building 1500 Johnson Drive Madison, WI 53706 Phone 263-1646 Area Code (608)

July 27, 1984

Prof. Y.Y. Hsu
Department of Chemical
and Nuclear Engineering
University of Maryland
College Park, MD 20740

Dear Y.Y.:

Enclosed please find the proposed budget for the Thermal-Hydraulics Division for the 1985 calendar-year. ANS Headquarters has set a due date for the budget submittal of August 1, 1984. As a result of this, pre-approval by the Executive Committee cannot be obtained. Therefore, I suggest that we submit the attached budget for 1985 and seek either approval or modification at the November meeting of the Executive Committee. The budget may be amended at a future date and therefore, the proposed action does not present a problem.

I need your approval prior to submittal.

Sincerely,

Michael Corradini, Treasurer Thermal-Hydraulics Division

MLC:rb

Enclosure

REPORT OF THE MEMBERSHIP SUBCOMMITTEE ANS THERMAL HYDRAULICS DIVISION NEW ORLEANS, LA JUNE 3, 1984

By Roger L. Stover, Chairman

The initial meeting of the Thermal Hydraulics Division Membership Subcommittee convened, via conference call, on May 24, 1984. The agenda for the meeting consisted of objectives, proposed activities, resources, assignments, schedule and membership goal. The subcommittee members and details of the agenda are attached.

The objectives of the Subcommittee are to (1) stimulate membership in the ANS T/H Division and (2) publicize the Division's activities. As will be seen from the proposed activities, we have chosen to concentrate most of our effort on the former objective.

To provide continuity. I contacted John Linebarger who was previous Subcommittee Chairman. He had some good ideas, some of which are included in our proposed activities. He recommended three categories of candidates for potential T/H membership: (1) student section, (2) new ANS members and (3) established members. We added three more categories, all non-ANS members: (4) local ANS sections, (5) related technical society members and (6) professional contacts. Thus, our strategy to get T/H Division members is to (1) provide current ANS members with the data to make an informative choice and (2) approach non-members with the benefits of ANS and T/H Division membership.

The primary vehicle for implementing the strategy is a T/H Division Brochure. Our proposed activities (attached) involve dissemination of the brochure to prospective members. Therefore, our first goal is to produce a brochure as soon as possible.

Using the brochure, we will plan to implement as many parts of the membership program as possible by the end of the year. Ongoing tasks and maintenance activities could involve our subcommittee for several years.

We currently have 835 paid T/H Division members. This is an increase of 110 from May 1983 during which time there was no active membership activity. Our proposed goal (realistic) for 1985 is 1000 members or an increase of 165 members. Our stretch goal is an increase of 300 members.

Required funding is estimated to be \$1000. The bottom line value would be at least \$500 for printing the brochure.

Your suggestions are welcome. We also plan to make use of the Executive Committee as a source of referals.

Respectfully submitted,

Roger L. Stover, Chairman

Thermal Hydraulic Membership Subcommittee

ANS T/H DIVISION MEMBERSHIP SUBCOMMITTEE - MAY 1984

Roger L. Stover Ph: (509) 376-5445 Westinghouse Hanford Company (88) 444-5445 F.O. Box 1970, W/B-18 Richland, WA 99352 Sewell C. Rose (408) 925-4402 General Electric Company 175 Curtner Avenue, M/C 763 San Jose. CA 95125 David R. Rector (509) 375-2300 Battelle Pacific Northwest Laboratory P.O. Box 999 Richland, WA 99352 James G. Guppy (516) 282-2698 Brookhaven National Laboratory (88) 666-2698 Building 130 Upton. NY 11973 Ronald P. Knott (412) 374-2118

Westinghouse Flectric

PROPOSED ACTIVITIES

	1.	Produce an ANS T/H Division Brochure - By Sept. 1st (Rester)	
		* Easy to mail - handout * Include history. reasons to join detectable : /	
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7. Professional Contacts/Personal Referrals

(Guppy)

- * Letter and brochure to T/H Division Executive Committee and Membership Committee
- * Insert an article in T/H Division Correspondence Mailing
- * Contact T/H Division unpaid members ~ 80

RESOURCES

* Money - Contact Norm Weber

Brochures (2000) & Posters (50) Student paper awards T/H Proceedings to NE/ME Depts. Postage, 5.2¢ x 5000	\$ 500 100 200 260
Total	\$1060

* ANS T/H Division Membership List

	5/1/84	5/83	5/82	5/81
USA Overseas Students	700 69 66			
Total (paid)	835	724	619	497
Total (incl. unpaid)	921	835		

* Local ANS Sections and Chairs - 3/84 Update Received

USA 51 Overseas 8 Total 59

* Student ANS Sections and Advisors - 4/84 Update Received

 Eastern
 17

 Midwest
 18

 West
 13

 Foreign
 2

 Total
 50

- * ASME-HT Membership List Hochreiter has
- * AICHE Membership List Guppy has

- * Publicity ANS News (Monthly) Contact Jason Chao T/H Division Correspondence (Twice Yearly) -Contact Jason Chao
- * T/H Division Executive Committee & Subcommittee Chairs
 Need Current List
- * ANS Information & Liaison Services Department
 Sharon Kerrick, Manager
- * ANS Marketing Department

 Patricia Pollock, Assistant Manager

SCHEDULE

*	Subcommittee Organization Meeting (Conference Call)	May 24, 1984
*	Report to T/H Division Executive Committee	June 3, 1984
*	T/H Brochure Draft for Review	July 1984
*	Plan Description on Individual Assignments	August 3, 1984
*	T/H Brochure 1st Printing	September 1984
*	Status Report to Executive Committee	November 11, 1984



AMERICAN NUCLEAR SOCIETY 555 North Kensington Avenue, La Grange Park, Illinois 60525 USA Telephone: (312) 352-6611 Telex: 25-4635

STACY OLDFIELD Accounting Supervisor

May 21, 1984

Dear Norm,

Thank you for calling to my attention the error on the Thermal Hydraulics Division State-

ment. Enclosed is a revised copy showing true carry forward of \$2107.00. This amount reflects the balance of the Division's Topical Meeting Income.

Copy:Dr. Sanjoy Banerjee

G. Dix? N. Weber?

Page 1 of 2

AMERICAN NUCLEAR SOCIETY

DIVISIONAL STATEMENT OF BUDGET FUNDS & EXPENSES

January 1 to April 30, 1984

Division:	Total Allocated To Division	Reference
Thermal Hydraulics	Budget Funds	(see page 2)
BUDGET FUNDS: 1984 Membership Allocation Carry Forward from 1983 Other Budget Funds	\$ 921 2,107	(1)
TOTAL BUDGET FUNDS	\$ 3,028	
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 Functions (Luncheons, etc.) Division Officer expenses Invited Speakers		
Other Expenses -	·	
TOTAL EXPENSES	\$	
EXCESS (OR DEFICIENCY) OF BUDGET FUNDS OVER EXPENSES:	\$ 3,028	

Page 2 of ²

AMERICAN NUCLEAR SOCIETY

Divisional Statement of Budget Funds and Expenses

January 1 to April 30, 1984

Division:	Thermal Hydraulics	
Ref #	Amount Break-down:	Comments:
(1)	\$2,107	Balance of Topical Meeting income



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SHARON KERRICK
Department Manager
Information and Liaison Services

May 17, 1984

TO: CHAIRS, DIVISIONS AND GROUPS
TREASURERS, DIVISIONS AND GROUPS

Enclosed is the financial statement for your division or group for the period of January 1, 1984 through April 30, 1984. Please review the information. Call Stacy Oldfield at 312/352-6611 to discuss the statement.

Information and appropriate forms for preparing your 1985 budgets will be sent to you after June 15, 1984.

Sincerely,

Sharon Karrick

SK:jf

Enclosure: Financial Statement for your Division or Group

cc: Stacy Oldfield, Accounting Supervisor

Page 1 of 2

AMERICAN NUCLEAR SOCIETY

DIVISIONAL STATEMENT OF BUDGET FUNDS & EXPENSES

January 1 to April 30, 1984

Division: Thermal Hydraulics BUDGET FUNDS: 1984 Membership Allocation	Total Allocated To Division Budget Funds	Reference (see page 2)
Carry Forward from 1983	-1,570	(1)
N ₁		

Page 2 of ²

AMERICAN NUCLEAR SOCIETY

Divisional Statement of Budget Funds and Expenses

		January I to	April 30, 1984	
Division:_	Thermal Hy	draulics		
Ref #	Amount	Break-down:	Comments:	
(1)	\$ 1,570- 2107		Balance of Topical Meeting income	•

DIVISIONAL STATEMENT OF BUDGET FUNDS & EXPENSES

January 1 to April 30, 1984

Division:	Total Allocated To Division	Dofowanaa
Thermal Hydraulics	Budget Funds	Reference _(see page 2) _
BUDGET FUNDS:		
1984 Membership Allocation Carry Forward from 1983 Other Budget Funds	\$ 921 2,107	(1)
TOTAL BUDGET FUNDS	\$ 3,028	
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 Functions (Luncheons, etc.) Division Officer expenses Invited Speakers		
Other Expenses -	•	
TOTAL EXPENSES	\$	
EXCESS (OR DEFICIENCY) OF BUDGET FUNDS OVER EXPENSES:	\$3,028	

Page 2 of ²

AMERICAN NUCLEAR SOCIETY

Divisional Statement of Budget Funds and Expenses

 January	1	to	April	30,	1984

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Ref #	Amount	Break-down:	Comments:	
(1)	\$2,107		Balance of Topical Meeting income	



555 North Kensington Avenue, LaGrange Park, Illinois 60525 USA
Telephone (312) 352-6611
Telex 254635

STACY OLDFIELD Financial Analyst

February 29, 1984

TO: Division Chairmen and Treasurers

RE: Division Financial Report

Enclosed is your division's financial report for the year January 1 to December 31, 1983.

Only expenses charged against the division's fund are shown.

Carryover has been determined in accordance with the decisions of the Finance and Professional Division Committees.

If you have any questions regarding your reports, please contact me .

Sincerely,

Stacy Oldfield

Stacy

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Enclosures

xc: William Corcoran Octave J. DuTemple R. E. Clemmons Sharon Kerrick